

**GOVERNMENT OF THE PUNJAB  
MINES & MINERALS DEPARTMENT  
CHIEF INSPECTORATE OF MINES**



**Annual Report, 2013**

**of**

**Chief Inspector of Mines,  
Punjab**

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# SECTION-I

## INTRODUCTION

- 1.1 The Province of Punjab is endowed with tremendous natural resources. It is equally rich in mineral resources as in Agriculture. Out of forty seven minerals exploited in Pakistan twenty four are being exploited in Punjab. About 40808 mine workers are employed by 1763 lessees in the exploitation of minerals such as Coal, Rock Salt, Lime Stone, Gypsum, Fire Clay, Silica Sand, Sand Stone, China Clay, Fuller Earth, Dolomite, Bauxite, Bentonite, Iron Ore, Marble and Millstone etc.
- 1.2 In pursuance of implementation of National Mineral Policy-1995, the Inspectorate of Mines was detached from the Labour & Manpower Department and attached with the Industries, Mines & Minerals Department through amendment in the Punjab Government Rules of Business on 21<sup>st</sup> March, 2002. With the creation of the new Department of Mines and Minerals, the Chief Inspectorate of Mines has become its Attached Department from 1<sup>st</sup> August, 2003 through amendment in the Punjab Government Rules of Business, 1974. The Mines Labour Welfare Organization has also been shifted from the Labour & Human Resource Department to the Mines & Minerals Department under the operational control of Chief Inspector of Mines – Head of Attached Department from 31<sup>st</sup> December, 2003.
- 1.3 The main objective of the department is to ensure safety, health and welfare of mine workers. The safety aspect is covered under the provisions of Mines Act, 1923, Coal Mines Regulations, 1926, Metalliferous Mines Regulations, 1926 and Consolidated Mines Rules, 1952. This job is performed through the regular inspections by the qualified Inspectors holding degree in Mining Engineering with relevant competency and experience. In addition to the role of law enforcing authority, Inspectorate of Mines also took the initiative of teaching, training and guidance by establishing the Punjab School of Mines, Katas and Mine Survey Institute, Makerwal which is producing diploma holders in the field of mining with the perspective that education improves the quality and standard of work. This is a harsh fact that the mining industry in Pakistan is still in the infancy stage and a lot of input is required for upgrading the capacity, from the level of workers to the managers. To cover this deficiency, training courses at different levels are also one of the hall mark of this Inspectorate.



- 1.4 This report deals with the information relating to the activities of Inspectorate of Mines, Punjab and all types of minerals which fall within the administrative scope of the Mines Act, 1923 in the Province of Punjab except oil; gas and nuclear minerals. Besides the details of training and the different development projects, the statistical information on production of minerals, employment levels of mine workers of various categories employed in the mines and quarries of different type of minerals and the accidents analysis is also included which provides a sound base for future planning towards safety, health and welfare of mine workers.
- 1.5 A statistical analysis of the production figures of coal, metalliferous and non-metalliferous minerals submitted through annual returns by the mining firms engaged in Punjab has been made. Information relating to certain minor minerals duly exempted from the operations of Mines Act, 1923 under Section-46 of the Act *ibid* (read with Notification No. LR-7(57) dated 16<sup>th</sup> May, 1955) is not included in this report.
- 1.6 It has been noticed that most of the mining firms dealing with stone, limestone and other minor minerals failed to submit the annual return which is mandatory on their part. This is due to the introduction of new mine owners acquiring short term mining rights through auction by the Director General Mines and Minerals. Due to the shortage of staff in the field offices, the Inspectorate has not been able to collect the complete statistics of defaulting mining firms. The defaulters, however, have been prosecuted in accordance with the provisions of law. This report therefore, covers only the data received in the office of the Chief Inspector of Mines through annual returns submitted by the mine owners.
- 1.7 To take bold steps for future planning towards safety, health and welfare of mine workers, the registration process of mine workers alongwith their CNICs was started during the year, 2010 and about 25000 workers have been registered by the Mines Labour Welfare Officers up to the end of the year under report.



# SECTION-II

## FUNCTIONS & ACTIVITIES

2.1 Several wings have been established under this Inspectorate for the purpose of carrying out its functions and activities including mine safety and inspections, rescue and recovery, teaching and training, transfer of technology, mine sample testing and research, planning and development, health care and welfare of mine workers.

2.1.1 Functions and activities corresponding to their responsible offices are briefed as follows:

WINGS/ FUNCTIONS	ACTIVITIES	OFFICERS RESPONSIBLE
MINE SAFETY AND INSPECTIONS	1.1 Inspections of Mines. 1.2 Prosecutions of defaulters. 1.3 Inquiries into accidents. 1.4 Mine Surveying. 1.5 Settlement of Underground Boundary Disputes.	1.1 to 1.3 Inspector / Jr. Inspector of Mines.  1.4 to 1.5 Survey & Drawing Officer.
RESCUE AND RECOVERY	2.1 Rescue and Recovery Training. 2.2 Dealing mines emergencies. 2.3 Opening and sealing of Mine, fire stoppings in irrespirable atmosphere.	2.1 to 2.3 Rescue Superintendent/ Rescue Instructor.
TEACHING AND TRAINING	PART-I (IN-SERVICE TRAINING) 3.1.1 Shot Firing 3.1.2 Mine Sirdar Orientation. 3.1.3 Mine Ventilation. 3.1.4 First Aid. 3.1.5 Mine Fires. 3.1.6 Timbering. 3.1.7 Mining Law. 3.1.8 Mine Management. 3.1.9 Mining Methods. 3.1.10 Conduct of statutory examinations. 3.1.11 Placement of Mine Surveyors, Supervisors and Engineers.	3.1.1 to 3.1.11 Training Officer and his Staff.

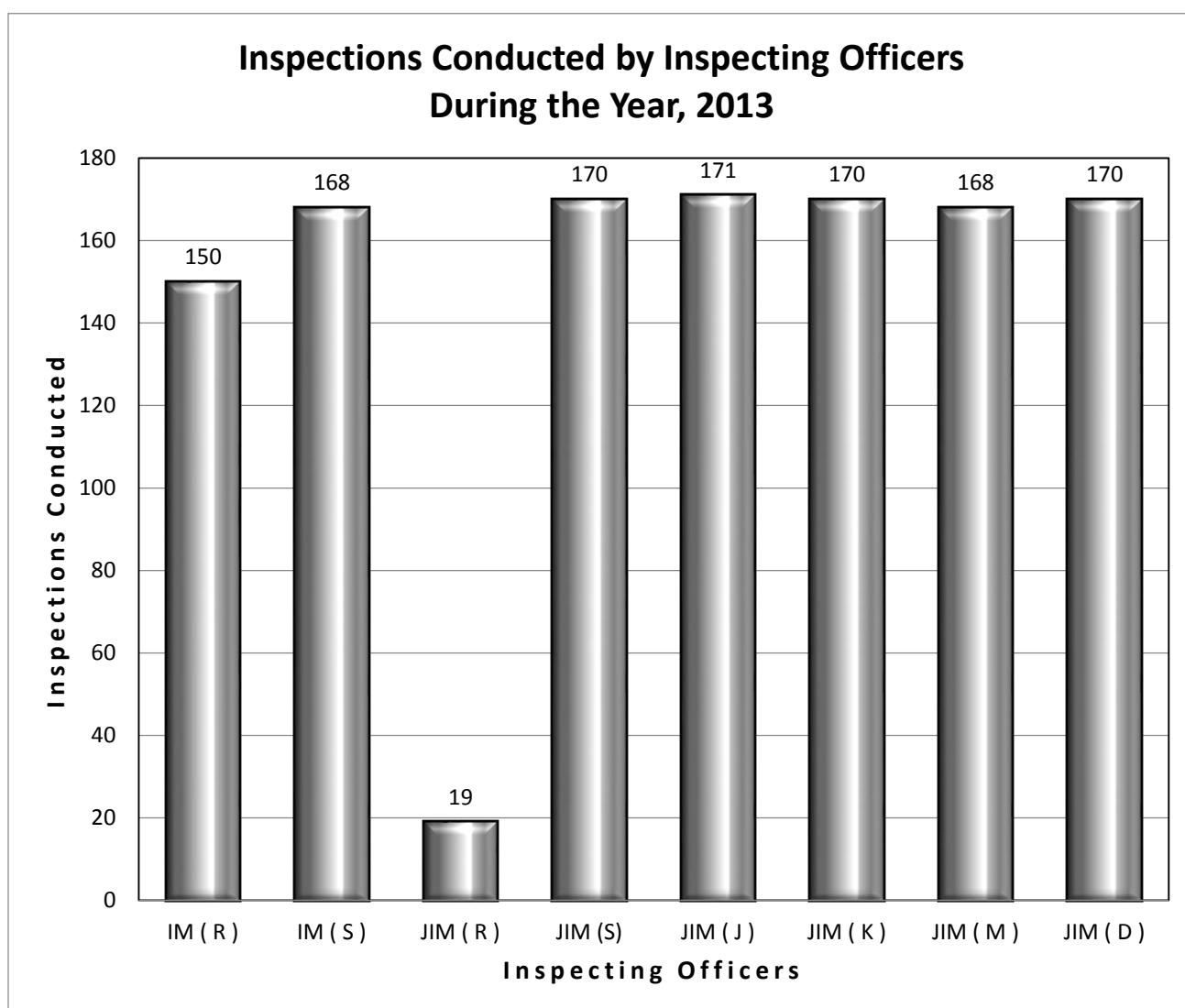


	<p><b>PART-II (PRE-EMPLOYMENT)</b></p> <p>3.2.1 3 years Diploma Course (DAE) in Mining Technology.</p> <p>3.2.2 3 years Diploma Course (DAE) in Electrical Technology. (Specialization in Mining)</p> <p>3.2.3 3 years Diploma Course (DAE) in Mechanical Technology. (Specialization in Mining)</p> <p>3.2.4 3 years Diploma Course (DAE) in Land and Mine Surveying Technology.</p> <p>3.2.5 2 Years Certificate Course in Mine Surveying.</p>	<p>3.2.1 to 3.2.4 Director Training and his staff.</p> <p>3.2.5 Principal Mine Survey Institute and his staff.</p>
TRANSFER OF TECHNOLOGY	<p>4.1 Transfer of Technology.</p> <p>4.2 Development of Modern Training Face.</p> <p>4.3 Demonstration of Modern Techniques.</p>	4.1 to 4.3 Mine Manager and his staff.
MINE SAMPLE TESTING AND RESEARCH.	<p>5.1 For environmental control, periodical drawl of samples of dust, mine air, noise, light, temperature, humidity, water analysis and wire rope testing.</p> <p>5.2 Testing of samples drawn from mines.</p> <p>5.3 Monitoring of occupational diseases.</p>	<p>5.1 to 5.2 Sr. Research Officer/ Research Officer and their staff.</p> <p>5.3 In collaboration of Mines Medical Officers of Mines Labour Welfare Organization.</p>
PLANNING AND DEVELOPMENT	<p>6.1 Preparation of PC –I.</p> <p>6.2 Preparation of curricula-books.</p> <p>6.3 To organize and conduct institutional examinations.</p> <p>6.4 Codification of law.</p>	<p>6.1 to 6.3 Director Mining Development Cell and his staff.</p> <p>6.4 Inspector of Mines (Hqr.)</p>
HEALTH CARE OF MINE WORKERS	<p>7.1 Certification of age by medical practitioners.</p> <p>7.2 Periodical medical examination.</p> <p>7.3 Indication of occupational diseases and their monitoring.</p> <p>7.4 Drinking Water and sanitation conditions.</p>	7.1 to 7.4 Inspector of Mines in co-ordination with Mines Medical Officers of Mines Labour Welfare Organization.
WELFARE OF MINE WORKERS	<p>8.1 To act for Mine workers with regard to their employment conditions i.e. wages, bonus and compensation under various labour laws.</p> <p>8.2 To establish liaison with Mines Labour organization for housing and welfare schemes.</p>	8.1 & 8.2 Director Mines Labour Welfare/ Inspector of Mines in co-ordination with Mines Labour Welfare Officers of Mines Labour Welfare Organization.

## 2.2 Inspection of Mines & Quarries

2.2.1 There are two regional and six district level Inspecting Officers who are responsible to ensure regulatory functions by carrying out inspections of mines/quarries in their respective districts/regions to check compliance of various provisions of Mines Act, 1923 and Rules and Regulations made thereunder, conducting inquiries into the fatal as well as serious accidents and through follow up of cases in the courts of law for contravention of different provisions of the Act *ibid*.

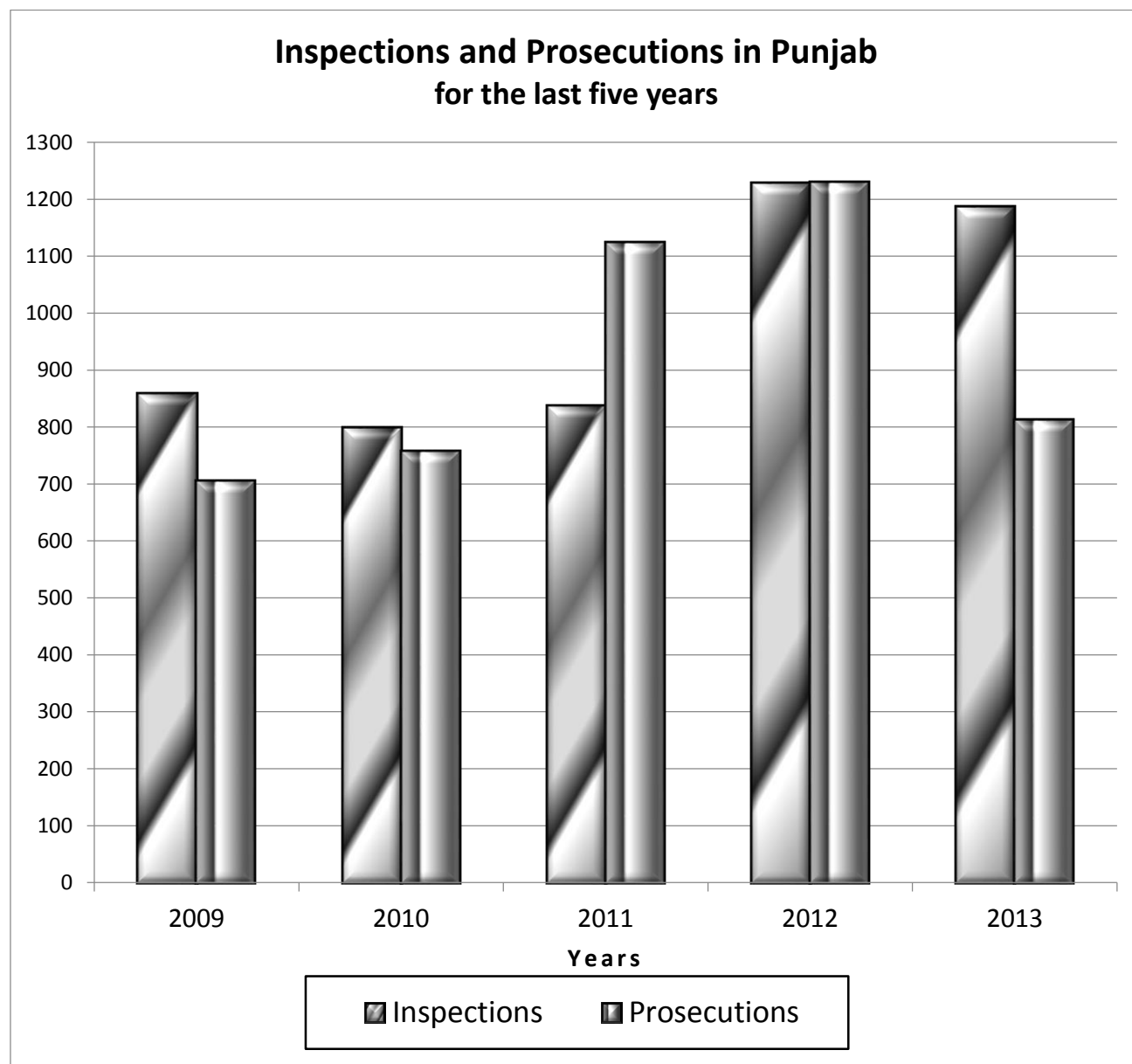
2.2.2 The Inspecting Officers have been given the target of 14 inspections each on monthly basis which lead to 168 annually. However, a total of 1186 inspections were made during the year under report. The number of inspections conducted by each officer is reflected as under:



- Due to the sad demise of Engr. Khaliq-ur-Rehman, Inspector of Mines, Rawalpindi on 13<sup>th</sup> May, 2013, the post remained vacant upto June, 2013.
- The post of Jr. Inspector of Mines, Rawalpindi remained vacant from July, 2013 to onward due to appointment of Engr. Zahid Mehmood as Inspector of Mines, Rawalpindi.



2.2.3 The violation of various provisions of Mines Act, 1923 recorded by Inspectors are prosecuted in various courts of law to provide deterrence against future violations. The performance related to Inspections and prosecutions for the last 5 years is given below:



<u>Years</u>	<u>Inspections</u>	<u>Prosecutions</u>
2009	859	706
2010	799	758
2011	837	1124
2012	1228	1230
2013	1186	813

**2.3 Mine Accidents**

2.3.1 Mining is highly risky, arduous and dangerous venture and full of uncertainties and accidents are a regular phenomenon of this field which mostly occur due to the negligence on the part of management as well as the workers. Fatalities in the coal mines are definitely a point of concern and the Inspectorate is taking all due precautions to suppress the occurrence of accidents to its possible extent. Given below is a list of fatal and serious accidents occurred during the year under report:

**2.3.2 Fatal Accidents**

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
1.	M/s. Pioneer Cement Ltd; Near Raw Mix Crusher, Khushab. ML-KHB-Lime Stone(1)	02.01.2013 Wednesday	0800 Hrs.	Mr. Sher Muhammad S/o. Gul Muhammad, Aged 57 years.	Road Master	Surface Machinery	Lime Stone Khushab
2.	M/s. Makerwal Collieries (Pvt.) Ltd; Tunnel No. 3, Old B & C Section, Mianwali. ML-MLI-Coal(1)	15.01.2013 Tuesday	1200 Hrs.	Mr. Atta-ur-Rehman S/o. Muhammad Gul, Aged 22 years. <b>Injured:</b> Mr. Mukarrab Khan S/o. Amir Nawaz.	Coal Cutter	Haulage	Coal Mianwali
3.	M/s. Zephyr Manufacturing & Trading Co; (Hayat-ul-Mir Mines), Bashir Mine (LL Haulage), Khushab. ML-KHB-Coal(9)	02.02.2013 Saturday	1530 Hrs.	Mr. Muhammad Mawaz S/o. Karam Ali, Aged 57 years.	Tozeen Munshi	Haulage (Derailing of Coal Tub)	Coal Khushab
4.	M/s. Dhan Wanhar Collieries, Mine No.6 (HL), Chakwal. ML-CKL-I-Coal(54)	23.02.2013 Saturday	1600 Hrs.	Mr. Gul Hussain Shah S/o. Mardan Shah, Aged 58 years.	Mine Sardar	Fall of Side	Coal Chakwal



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
5.	M/s. Aamir Majeed Khan Niazi, Malik Ilyas Khat, Block No. 7-B/116 SB, Sargodha.	10.03.2013 Sunday	1415 Hrs.	Mr. Muhammad Ramzan S/o. Malik Gulzar, Aged 27 years.	Drillman	Misc. on Surface (Piece of stone fell from the face of khat and hit the neck.)	Sand Stone Sargodha
6.	M/s. Ch. Muhammad Haneef, Riaz Khat, Block No. 11+12/A+B/126 SB, Sargodha.	10.03.2013 Sunday	1430 Hrs.	Mr. Muhammad Hussain S/o. Muhammad Akram, Aged 27 years. R/o. Chak No.126/SB, Sargodha.	Drillman	Fall of Stone (Piece of stone 15 kg. (Approx.) dislodged from the face of khat and hit the back.)	Sand Stone Sargodha
7.	M/s. Zephyr Manufacturing & Trading Co; (Hayat-ul-Mir Mines), Shakeel Mine, Khushab. ML-KHB-Coal(9)	21.03.2013 Thursday	0830 Hrs.	Mr. Akhtar Khan S/o. Missal Khan, Aged 24 years.	Coal Cutter	Fall of Roof	Coal Khushab
8.	M/s. Zeeshan Mining, Noori Para, Mine No. 4, HL, Bhal, Chakwal. ML-CKL-I-Coal(127)	23.03.2013 Saturday	1100 Hrs.	Mr. Naseer Khan S/o. Nasrullah Khan, Aged 47 years.	Pump Operator	Sundry Underground	Coal Chakwal
9.	M/s. Ch. Muhammad Hanif Gujjar, Irshad Khat, Block No. 5/123 SB, Sargodha.	25.03.2013 Monday	1415 Hrs.	Mr. Muhammad Bashir S/o. Ghulam Rasool, Aged 40 years. R/o. Shaheenabad, Sargodha.	Worker	Misc. on Surface (Slippage of foot)	Sand Stone Sargodha
10.	M/s. PMDC Salt Mines, Warcha, Salt Yard at Depot Section, Khushab. ML-KHB-Rock Salt(1)	30.03.2013 Saturday	1130 Hrs.	Mr. Muhammad Mazhar Hayat S/o. Mehra Khan, Aged 23 years. R/o. Utra Shamali, Khushab.	Tractor Driver	Surface Machinery	Rock Salt Khushab





## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
11.	M/s. Ch. Muhammad Hanif Gujjar, Bashir Khat, Block No. 6/126 SB, Sargodha.	13.04.2013 Saturday	1630 Hrs.	Mr. Manzoor Ahmed S/o. Bashir Ahmed, Aged 44 years.	Assistant Drillman/ Quarry worker	Misc. on Surface (Breakage of Safety Belt)	Sand Stone Sargodha
12.	M/s. Ghulam Murtaza Coal Mines, Ali Mine, Badshah Pur, Wahula. Chakwal. ML-CKL-I-Coal(26)	20.04.2013 Saturday	1300 Hrs.	Mr. Shah Noor Said S/o. Kaki Jan, Aged 22 years. R/o. Chak No.126/SB, Sargodha.	Shawal Loader	Fall of Side	Coal Chakwal
13.	M/s. Rohtas Mines (Pvt.) Ltd; Mine No. 4 C, Dalwal, Chakwal. ML-CKL-I-Coal(126)	22.04.2013 Monday	0900 Hrs.	Mr. Missal Khan S/o. Muhammad Ali, Aged 55 years.	Coal Cutter	Fall of Roof	Coal Chakwal
14.	M/s. Makerwal Collieries Ltd; Tunnel No.03, Taizgi Mine, A-Section, Mianwali. ML-MLI-Coal(1)	22.04.2013 Monday	1000 Hrs.	Mr. Muhammad Shabbir S/o. Muhammad Rasool, Aged 19 years.	Coal Cutter	Suffocation by Gases (Lack of Oxygen)	Coal Mianwali
15.	M/s. Walayat Industries (Pvt.) Ltd; Tunnel No. 05-A, Sidhandi, Chakwal. ML-CKL-II-Coal(18)	24.04.2013 Wednesday	1130 Hrs.	Mr. Sardar Ali S/o. Astore, Aged 21 years. R/o. Vill. Shanai, Kormang, Basham (Swat).	Coal Cutter	Fall of Roof	Coal Chakwal
16.	M/s. Ch. Muhammad Hanif Gujjar, Block No. A/47 SB, Sargodha.	28.04.2013 Saturday	0930 Hrs.	Mr. Zewar Khan S/o. Sher Ali, Aged 22 years.	Quarry Worker	Misc. on Surface (Breakage of Safety Belt)	Sand Stone Sargodha



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
17.	M/s. Abdul Rasheed Khan Niazi, Block No. 5/116 SB, Sargodha.	05.05.2013 Sunday	0720 Hrs.	Mr. Muhammad Mubeen S/o. Abdul Sattar, Aged 46 years. R/o. Chak No. 112 SB, Sargodha.	Drillman	Misc. on Surface (Foot slipped and fell down in the toe of Khat.)	Sand Stone Sargodha
18.	M/s. Khawja Muhammad Hanif, Pit No. 1, Gypsum Quarry, P.D. Khan, Jhelum. ML-JLM-Gypsum(47)	10.05.2013 Friday	0830 Hrs.	1. Mr. Muhammad Afzaal S/o. Muhammad Iqbal, Aged 30 years. 2. Mr. Jahangeer Hussain S/o. Muhammad Yasin, Aged 28 years.	Gypsum Cutter	Fall of Side	Gypsum Jhelum
19.	M/s. Abdul Rasheed Khan Niazi, Block No. 2/120, Nawaz Khat, Sargodha.	26.05.2013 Sunday	0730 Hrs.	Mr. Muhammad Nawaz S/o. Muhammad Ishaq. Aged 44 years.	Khat Mate	Misc. on Surface (Sliding of hill.)	Sand Stone Sargodha
20.	M/s. PMDC Salt Mines, Kalabagh Main Mine, Wandha Kukranwala, Chamber No. 22, Mianwali. ML-MLI-Rock Salt(1)	03.06.2013 Wednesday	1445 Hrs.	Mr. Zafar Abbas S/o. Malik Irshad Hussain, Aged 29 years.	Labourer	Misc. on Surface	Rock Salt Mianwali
21.	M/s. Ch. Qurban Hussain Cheema, Block No. 10/126 SB, Koria Khat, Sargodha.	11.06.2013 Tuesday	0630 Hrs.	Mr. Muhammad Rafique S/o. Ghulam Ahmed, Aged 42 years.	Quarry Worker	Misc. on Surface	Sand Stone Sargodha
22.	M/s. Zephyr Manufacturing & Trading Co; (Hayat-ul-Mir Mines), Bashir Mine LL, Gallery No. 2, Khushab. ML-KHB-Coal(9)	11.07.2013 Thursday	0100 Hrs.	Mr. Gull Wali S/o. Gull Hassan, Aged 37 years.	Coal Cutter	Electricity	Coal Khushab



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
23.	M/s. Khan Coal Co; Mine No. 4, Dandot, Chakwal. ML-CKL-I-Coal(50)	29.07.2013 Sunday	0830 Hrs.	Mr. Abdullah S/o. Aslam Khan, Aged 21 years.	Coal Cutter	Electricity	Coal Chakwal
24.	M/s. Makerwal Collieries (Pvt.) Ltd; Makerwal, District Mianwali. New Incline No. 3, Return A-Section. ML-MLI-Coal(1)	03.08.2013 Saturday	1300 Hrs.	Mr. Muhammad Tariq S/o. Muhammad Abbas, Aged 18 years.	Pump Operator	Suffocation by Gases (Lack of Oxygen)	Coal Mianwali
25.	M/s. Gulzar Minerals and Small Mines, Mine No. P-2, Near Khajula, Dulmial, Chakwal. ML-CKL-I-Coal(77)	26.08.2013 Monday	0630 Hrs.	Mr. Akbar Ali S/o. Muhammad Karim, Aged 21 years.	Kacha Worker	Electricity	Coal Chakwal
26.	M/s. Ch. Muhammad Hanif Gujjar, Block No. 5/123, Sargodha.	27.08.2013 Tuesday	0730 Hrs.	Mr. Muhammad Ishfaq S/o. Muhammad Shafi, Aged 22 years.	Labourer	Fall of Side (Fall of loose material.)	Sand Stone Sargodha
27.	M/s. Muhammad Aslam Khan, Khat No. 02, Near Chidru, Mianwali. ML-MLI-Gypsum(22)	02.09.2013 Monday	1600 Hrs.	1) Mr. Muhammad Nawaz S/o. Haji Sultan, Aged 19 years. 2) Mr. Ikramullah S/o. Hayatullah, Aged 20 years.	Worker	Fall of Side (Breakage of Safety Belt)	Gypsum Mianwali
28.	M/s. Abdul Rasheed Khan Niazi, Block No. 5/116, Sargodha.	04.09.2013 Wednesday	1015 Hrs.	Mr. Abdul Aziz S/o. Abdul Majeed, Aged 23 years.	Driller	Surface Machinery	Sand Stone Sargodha
29.	M/s. Zeeshan Mining Co; Mine No. 2 HL, Bhal Near Noori Pera, Chakwal. ML-CKL-I-Coal(127)	08.09.2013 Sunday	1100 Hrs.	Mr. Sarfaraz S/o. Muzaffar Din, Aged 34 years.	Coal Cutter	Fall of Roof	Coal Chakwal



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
30.	Mr. Ajmal Mining Corp; Shaft No. 1, Chakwal. ML-CKL-I-Coal(176)	10.09.2013 Monday	1500 Hrs.	Mr. Aurang Zeb S/o. Rehmat Ali, Aged 33 years.	Katcha Worker	Fall of Roof	Coal Chakwal
31.	M/s. Haroon Ghani Cheema, Mine No. 1, Wahula Area, Tehsil Choa Saiden Shah, Chakwal. PL-CKL-I-Coal(480)	25.09.2013 Wednesday	1500 Hrs.	Mr. Gul Zada S/o. Doray, Aged 42 years.	Coal Cutter	Fall of Roof	Coal Chakwal
32.	M/s. Ch. Muhammad Hanif Gujjar, Block No. 10/126 SB, Sargodha.	28.09.2013 Saturday	0630 Hrs.	Syed Manazar Ali Kazmi S/o. Syed Zawar Hussain Kazmi, Aged 37 years.	Tractor Driver	Surface Machinery	Sand Stone Sargodha
33.	M/s. Chaudhary Coal Co; Mine No. 1, Terri, Khushab. PL-KHB-Coal(466)	07.10.2013 Monday	1400 Hrs.	Mr. Shoaib Noor S/o. Said Mir, Aged 21 years.	Coal Cutter	Fall of Roof	Coal Khushab
34.	M/s. Zeeshan Mining Co; Mine No. 5 HL, Near Bhal, Chakwal. ML-CKL-I-Coal(127)	08.10.2013 Tuesday	1400 Hrs.	Mr. Pir Jan S/o. Muhabat Khan, Aged 30 years.	Coal Cutter	Electricity	Coal Chakwal
35.	M/S. PMDC Salt Mines Warcha, Mine No. 06 (Jan Sukh Mine), Quaiadab, Khushab. ML-KHB-Rock Salt(1)	21.10.2013 Monday	1230 Hrs.	Mr. Atta Mohammad S/O. Jahan Khan, Aged 52 years.	Salt Cutter	Fall of Roof	Rock Salt Khushab
36.	M/s. Abdul Majeed Khan Niazi, Lime Stone Quarry, Pathar Garh, Attock. ML-ATK-L.S(Pathar Garh)	23.10.2013 Wednesday	1130 Hrs.	Mr. Sabeeh-ul-Haq S/o. Mr. Irfan-ul- Haq, Aged 24 years.	Mine Supervisor	Misc. on Surface	Lime Stone Attock
37.	M/s. Mehmood Hassan & Co; Mine No. 9, Choa Gunj Ali Shah, Chakwal. ML-CKL-II Coal(67)	31.10.2013 Thursday	1500 Hrs.	Mr. Khaest S/o. Khush Rang Gull, Aged 21 years.	Coal Cutter	Suffocation by Gases.	Coal Chakwal



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
38.	M/s. Abdul Ghaffar, Bahawalpur. ML-BWP-OS(Nemb Pura Zone)	01.11.2013 Friday	0900 Hrs.	Mr. Muhammad Akram S/o. Muhammad Iqbal, Aged 38 years.	Katcha Worker	Fall of loose material.	Bahawalpur Ordinary Sand
39.	M/s.Ch. Muhammad Hanif Gujjar, Koria Khat, Block No.10/126 SB, Sargodha.	06.11.2013 Wednesday	0800 Hrs.	Mr. Muhammad Ibrahim S/o. Ghani Mir, Aged 35 year.	Quarry Worker	Fall of Side (Fall of loose material.)	Sand Stone Sargodha
40.	M/s. Qadir Dad Khan, Azad Group of Companies, Gypsum Quarry, Dandot, Chakwal. ML-JLM-Gypsum(22)	07.11.2013 Thursday	0830 Hrs.	Mr. Khalid Mehmood S/o. Kamran Elahi, Aged 48 years.  <b>Injured:</b> 1) Mr. Tahir Abbas S/o. Ghulam Abbas, Aged 40 years. 2) Mr. Kashif Sharir S/o. Ghulam Shabbir.	Gypsum Cutter  Worker	Fall of Side	Gypsum Jhelum
41.	M/s. Shoib Khan Niazi, Koria Khat, Block No. 11+12/C+D/126 SB, Sargodha.	04.12.2013 Wednesday	1345 Hrs.	Mr. Dilawar Khan S/o. Pinda Khan, Aged 18 years.	Quarry Worker	Misc. on Surface (Slippage of foot)	Sand Stone Sargodha



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
42.	M/s. Makerwal Collieries Ltd; Level No. 2, Sorter of Medan-e-Haq Mine, A-Section, Makerwal, District Mianwali. ML-MLI-Coal (1)	04.12.2013 Wednesday	0900 Hrs.	1) Mr. Masti Khan S/o. Badshah Khan, Aged 23 years. 2) Mr. Abdul Rehman S/o. Lall Shah, Aged 38 years. 3) Mr. Zaitullah S/o. Fateh Khan, Aged 35 years.  <b>Injured:</b> 1. Mr. Muhammad Munir S/o. Daud Khan. 2. Mr. Kabir Khan S/o. Daud Khan. 3. Mr. Mehram Khan S/o. Mohed Jan. 4. Mr. Matiullah S/o. Attaullah. 5. Mr. Javed Khan S/o. Feroze Khan. 6. Mr. Abdul Ghaffar S/o. Mehrwali. 7. Mr. Noor Sharif S/o. Gull Sharif.	Coal Cutter  Coal Cutter  Coal Cutter  Coal Cutter Coal Cutter Coal Cutter Coal Cutter Coal Cutter	Explosion (Lamp Explosion)	Coal Mianwali
43.	M/s. Makerwal Collieries Ltd; Mine No. 7/8 Janubi, Section D-I, Karandi, Mianwali. ML-MLI-Coal(1)	11.12.2013 Wednesday	1030 Hrs.	Mr. Sardil S/o. Khair Dad, Aged 53 years.	Coal Cutter	Fall of Side (Head Injury)	Coal Mianwali
44.	M/s. PMDC Salt Mines, Mine No. 05 (Chamber No. 2/5), Makkrachi Section, Jhelum. ML-JLM-Rock Salt(1)	11.12.2013 Wednesday	1430 Hrs.	Mr. Nazam Khan S/o. Muhammad Sultan, Aged 58 years.	Salt Cutter	Sundries Underground	Rock Salt Jhelum



## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
45.	M/s. Haroon Rashid Khan Niazi, Zulifqar Khat, Block No. 3A+3B/120 SB, Sargodha.	12.12.2013 Thursday	1600 Hrs.	Mr. Muhammad Hayat S/o. Muhammad Khan, Aged 48 years. <b>Injured:</b> Mr. Abid S/o. Muhammad Nawaz, Aged 32 years.	Worker  Worker	Misc. on Surface (Fall of loose Material)	Sand Stone Sargodha
46.	M/s. Zia Ullah Khan, Arslan Khat, Block No. 15-A+15-C/126 SB, Sargodha.	15.12.2013 Sunday	1500 Hrs.	Mr. Muhammad Farooq S/o. Muhammad Iqbal Kashmiri, Aged 48 years.	Quarry Worker	Fall of Stone	Sand Stone Sargodha
47.	M/s. Ch. Muhammad Hanif Gujjar, Ishfaq Khat, Block No. 5/123 SB, Sargodha.	16.12.2013 Monday	1400 Hrs.	Mr. Muhammad Qasim S/o. Hamayat Ali, Aged 34 years.	Quarry Worker	Misc. on Surface (Slippage of foot)	Sand Stone Sargodha
48.	M/s. Aamir Majeed Khan Niazi, Korla Khat, Block No. 4/116 SB, Sargodha.	19.12.2013 Thursday	1400 Hrs.	Mr. Spoor urf Saifullah Khan S/o. Yar Din, Aged 44 years.	Quarry Worker	Misc. on Surface (Breakage of rope)	Sand Stone Sargodha
49.	M/s. Malik Javed Coal Minerals Co; Mine No. 01, Choa Saiden Shah, Chakwal. ML-CKL-I-Coal(145)	21.12.2013 Saturday	0900 Hrs.	Mr. Jannat Zada S/o. Gul Zada, Aged 40 years.	Khatcha Worker	Explosive	Coal Chakwal
50.	M/s. Muhammad Khan S/o. Karam Din, Bharwala, P.D. Khan, Jhelum. ML-CKL-II-Sand Stone(Makrach-I)	28.12.2013 Saturday	1150 Hrs.	Mr. Muhammad Riaz S/o. Ghulam Haider, Aged 40 years.	Quarry Worker	Misc. on Surface (Slippage of foot)	Sand Stone Chakwal



## 2.3.3 Serious Accidents

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
1.	M/s. PMDC Salt Mine Kalabagh, Mari Mines, Chamber No. 09, Mianwali. ML-MLI-Rock Salt(1)	19.02.2013 Tuesday	1425 Hrs.	Mr. Muhammad Din S/o. Yar Muhammad, Aged 52 years.	Worker	Fall of Side (Fall of salt pieces.)	Rock Salt Mianwali
2.	M/s. Makerwal Collieries, Siddique Mine, B-Section, Makerwal, District Mianwali. ML-MLI-Coal(1)	30.03.2013 Sunday	1000 Hrs.	Mr. Khan Muhammad S/o Khawaja Muhammad, Aged 45 years. R/o. Sultan Khel, Mianwali.	Coal Cutter	Fall of Side (Left leg fractured.)	Coal Mianwali
3.	M/s. Nazar & Co; Choa Saiden Shah, District Chakwal. ML-JLM-Coal(123)	13.06.2013 Thursday	1300 Hrs.	Mr. Muhammad Naseem S/o. Manzoor Badshah, Aged 19 years.	Coal Cutter	Fall of Roof	Coal Chakwal
4.	M/s. Iqbal Mineral Co; Choa Saiden Shah, Asad Mine, Khajula, Chakwal. ML-CKL-I-Coal(68)	13.06.2013 Thursday	1400 Hrs.	Mr. Miskeen Shah S/o Chaman Gul. Aged 42 years.	Coal Cutter	Suffocation by Gases (Leakage of gas.)	Coal Chakwal
5.	M/s. Iqbal Mineral Co; Choa Saiden Shah, Majid Mine, Khajula, Chakwal. ML-CKL-I-Coal(68)	29.06.2013 Saturday	1320 Hrs.	Mr. Karam Khan S/o. Muhammad Sharif Khan, Aged 37 years.	Coal Cutter	Fall of Roof	Coal Chakwal
6.	M/s. PMDC Salt Mine Khewra, Sohail Mines, Chamber No. 03, Jhelum. ML-JLM-Rock Salt(1)	30.07.2013 Tuesday	0800 Hrs.	Mr. Zafar Iqbal S/o. Muhammad Yar, Aged 46 years.	Miner	Fall of Roof (Fall of Loose piece from roof.)	Rock Salt Jhelum





## Section-II

## Functions & Activities



Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
7.	M/s Ghulam Murtaza, Wasim Mine, Chakwal. ML-CKL-I-Coal(26)	14.09.2013 Saturday	0830 Hrs.	1. Mr. Hukam Khan S/o Sher Azam Khan, Aged 37 years. 2. Mr. Muhammad Zahur S/o Adam Khan, Aged 31 years.	Coal Cutter Coal Cutter	Explosive	Coal Chakwal
8.	M/s. Katha Collieries (Pvt.) Ltd; Mine No. 1, Chamble, Khushab. ML-KHB-Coal(15)	21.09.2013 Saturday	0700 Hrs.	Mr. Khair Muhammad S/o. Mehtar Khan, Aged 41 years.	Coal Cutter	Fall of Roof	Coal Khushab
9.	M/s. Mian Irshad-ul-Haq, Munir Khat, Block No.15-B/126 SB, Sargodha.	30.09.2013 Monday	0830 Hrs.	Mr. Muhammad Aslam S/o Munir Hussain, Aged 36 years.	Quarry Worker	Misc. on Surface	Sand Stone Sargodha
10.	M/s. Modern Engineering Corporation, Mine No. 17, Near Ara, Dandot, District Chakwal. ML-CKL-II-Coal(46)	25.12.2013 Wednesday	1600 Hrs.	1. Mr. Sirtaj Ahmed S/o Saif Muhammad, Aged 31 years. 2. Mr. Iqbal Muhammad S/o Chiri Gul, Aged 37 years.	Coal Cutter Coal Cutter	Explosive	Coal Chakwal
11.	M/s. Iqbal Mineral Co; Choa Saidu Shah, Chakwal. ML-CKL-I-Coal(68)	31.12.2013 Tuesday	1500 Hrs.	Mr. Siftullah S/o Muhammad Yousaf Aged 23 years.	Coal Cutter	Fall of Roof	Coal Chakwal



## 2.4 Inquiries into Fatal Accidents

2.4.1 Inspectors of Mines are also responsible to make thorough inquiries to fish out the causes and on the basis of findings of inquiry reports, it has been observed that most of the accidents occurred due to lack of vigilance by management and; untrained and inexperienced workers.

2.4.2 There were two hundred and ninety one (291) inquiries into fatal accidents conducted from the years 2009 to 2013. Mineral/Month-wise detail is as under:

Year	Mineral	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
2009	Coal	2	4	4	1	5	2	4	3	-	5	3	1	34
	Fire Clay	-	-	-	-	-	-	-	-	-	1	-	-	1
	Gypsum	-	-	-	-	-	1	-	-	-	-	-	-	1
	Lime Stone	-	-	-	-	-	-	1	-	-	-	-	-	1
	Ord. Stone	-	1	-	-	-	1	-	-	-	-	-	1	3
	Rock Salt	-	-	1	-	1	-	-	2	-	1	-	-	5
	Sand Stone	-	-	2	2	-	1	-	1	1	1	2	-	10
	Silica Sand	-	1	-	-	1	-	2	1	-	1	-	-	6
2010	Coal	4	1	4	2	3	7	4	2	1	2	2	4	36
	Fire Clay	-	1	-	-	-	-	-	-	-	-	1	-	2
	Gypsum	-	-	-	2	1	-	-	-	-	-	-	-	3
	Lime Stone	-	-	1	-	-	-	-	-	1	-	-	-	2
	Rock Salt	1	-	2	1	-	1	-	1	-	-	1	-	7
	Sand Stone	2	-	-	2	-	1	-	1	-	-	3	-	9
	Silica Sand	-	-	-	-	-	-	-	1	-	-	-	-	1
2011	Coal	4	-	2	2	1	3	1	3	2	3	1	3	25
	Gypsum	-	-	-	-	1	-	-	-	-	-	-	-	1
	Lime Stone	-	-	-	-	-	-	1	-	1	-	-	-	2
	Rock Salt	-	-	1	2	-	2	1	-	-	3	-	-	9
	Sand Stone	2	-	3	2	2	-	2	1	2	2	2	-	18
	Silica Sand	-	-	-	-	-	-	1	-	-	-	-	1	2
2012	Bentonite	-	-	-	-	-	-	-	-	-	1	-	-	1
	Coal	4	1	5	2	2	4	2	3	-	2	1	4	30
	Fire Clay	-	-	1	-	-	-	-	-	-	-	1	-	2
	Gravel	-	-	-	-	-	2	-	-	-	-	-	-	2
	Gypsum	-	-	-	-	2	1	-	-	-	1	-	-	4
	Lime Stone	-	-	-	-	1	-	-	-	-	-	-	-	1
	Rock Salt	1	-	-	1	1	-	2	-	-	1	-	1	7
	Sand Stone	2	1	2	3	3	-	2	-	-	-	1	-	14
	Silica Sand	-	-	1	-	-	-	-	-	-	-	1	-	2
2013	Coal	1	2	2	4	-	-	2	2	3	3	-	3	22
	Gypsum	-	-	-	-	1	-	-	-	1	-	1	-	3
	Lime Stone	1	-	-	-	-	-	-	-	-	1	-	-	2
	Ord. Sand	-	-	-	-	-	-	-	-	-	-	1	-	1
	Rock Salt	-	-	1	-	-	1	-	-	-	1	-	1	4
	Sand Stone	-	-	3	2	2	1	-	1	2	-	1	6	18
TOTAL:		24	12	35	28	27	28	25	22	14	29	22	25	291



## 2.5 Accidents Analysis

2.5.1 During the year under report, 54 persons lost their lives including 11 injuries in 50 accidents as compared to 71 persons in 63 accidents including 4 injuries during the year, 2012. In addition, 11 persons were injured in serious accidents during the year, 2013 as compared to 21 injuries in the previous year.

2.5.2 The classification-wise comparative statement of fatal and serious accidents occurred during the year, 2013 is given below:

Classification	Fatal Accidents		Serious Accidents	
	No. of Accidents	Persons Died	No. of Accidents	Persons Injured
Electricity	04	04	-	-
Explosive	02	04 (7)	02	04
Explosion by Gases	-	-	-	-
Fall of Roof/Stone	10	10	05	05
Fall of Side	10	12 (2)	02	02
Haulage	02	02 (1)	-	-
Miscellaneous on Surface	13	13 (1)	01	01
Suffocation by Gases	03	03	01	01
Surface Machinery	04	04	-	-
Sundries Underground	02	02	-	-
<b>Total:</b>	<b>50</b>	<b>54 (11)*</b>	<b>11</b>	<b>13</b>
Coal	22	24 (8)	08	10
Gypsum	03	05 (2)	-	-
Lime Stone	02	02	-	-
Ordinary Sand	01	01	-	-
Rock Salt	04	04	02	02
Sand Stone	18	18 (1)	01	01
<b>Total:</b>	<b>50</b>	<b>54 (11)*</b>	<b>11</b>	<b>13</b>

\* Figures shown in braces represent injury in addition to fatalities.



- 2.5.3 The analysis of above table reveals that the majority of the accidents occurred due to fall of roof/stone and fall of stone which was generally attributed to geological changes in the roofs in the vicinity of working places and was not noticed by the supervisory staff due to negligence lack of training and poor illumination. The timber supports used were also sub-standard thereby leading to the accidents.
- 2.5.4 The examination further reveals that 54% of fatal accidents occurred on surface. The cause is attributed to the fact that the small areas are auctioned on short term basis due to which the quarry owners do not develop the quarries to work systematically. On the contrary they adopt mining methods of very high quarry faces some times upto many hundreds of feet with no benches to stand for quarry workers to work safely. The quarry workers drill holes hanging on the ropes. The face is undercut causing the overhanging position of rocks to fall to save costs. The workers are hit by falling stones, sometimes they slip and fall down hundreds of feet due to non-fastening of safety ropes and other safety gears. The major cause of accidents in underground mines is the fall of roof showing 20% of fatal accidents which could not protected and the poor illumination due to the use of open-flame lamps which cause accumulation of smoke in the working places.
- 2.5.5 The statement showing the rate of fatal as well as serious accidents and rate of deaths and serious injuries per 1000 persons employed in mines during the last five years is appended below:

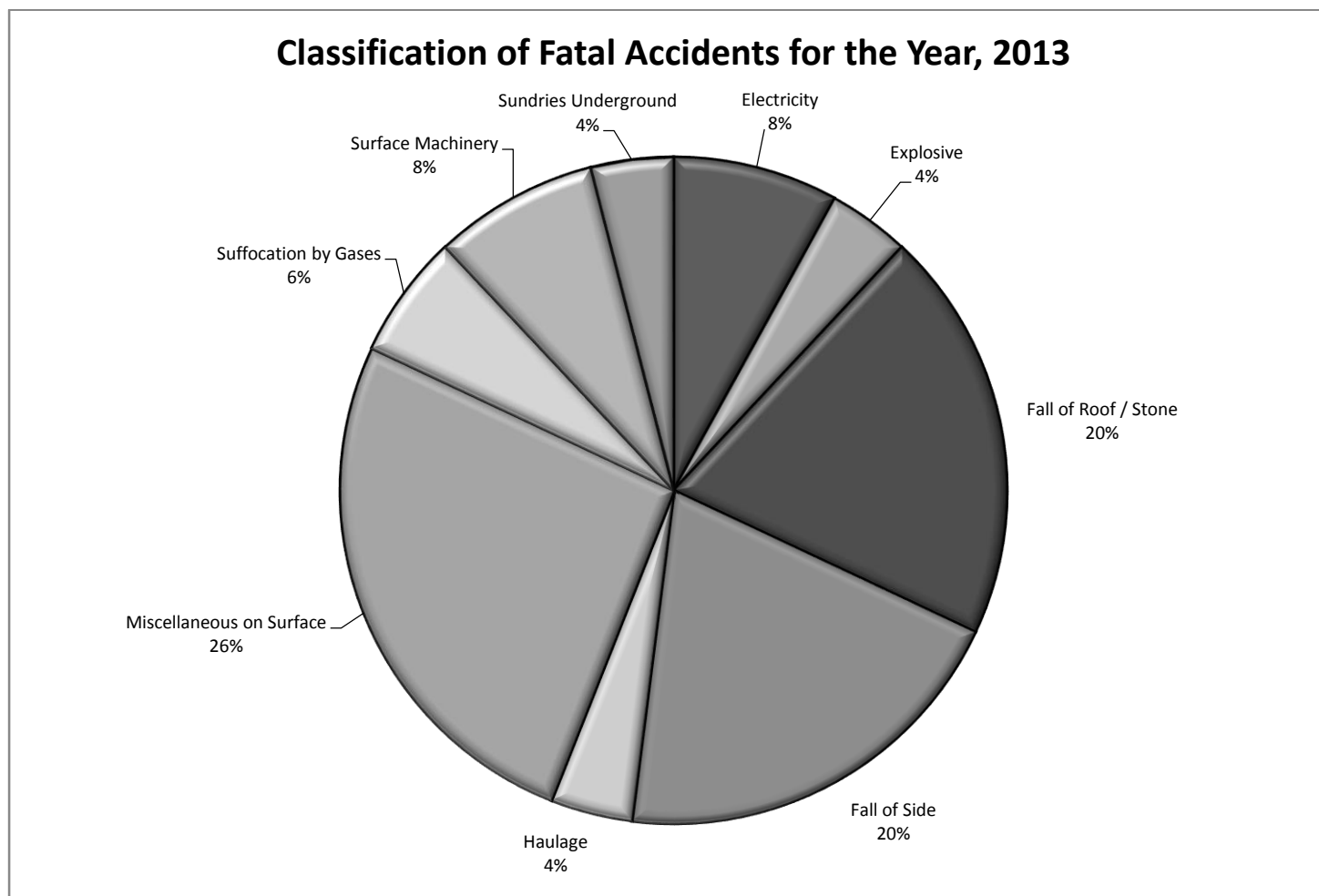
Year	Persons Employed at Mines/ Quarries	No. of Fatal Accidents	No. of Persons Died	Fatal Accidents Rate/1000 persons employed	Death Rate/1000 persons employed in mines	No. of Serious Accidents	No. of Persons Injured	Serious Accidents Rate/1000 persons employed	Serious injury Rate/1000 persons employed
2009	42320	61	62	1.44	1.47	12	13	0.28	0.31
2010	41504	60	64	1.45	1.54	09	10	0.22	0.24
2011	41734	57	64	1.37	1.53	13	14	0.31	0.34
2012	40529	63	71	1.55	1.75	21	21	0.52	0.52
2013	40806	50	54	1.23	1.32	11	13	0.27	0.32



- 2.5.6 The examination of above table reveals that fatal accidents rate has decreased by 21% with 24% decrease in death rate and serious accidents rate has decreased by 48% along with 38% decrease in injuries during the year under report as compared to the previous year. The situation is still alarming with a loss of 54 precious lives of mine workers and the department is taking all due measures to bring this rate to minimum by induction of trained labour force, employment of proper mining methods including use of good quality timber, proper illumination, adequate ventilation and use of safety gadgets by mine workers.
- 2.5.7 It is felt that most of the fatal and serious accidents could be averted if the mining firms employ the trained labour force and introduce safe mining practices on surface as well as underground.



## 2.5.8 Classification of Fatal Accidents

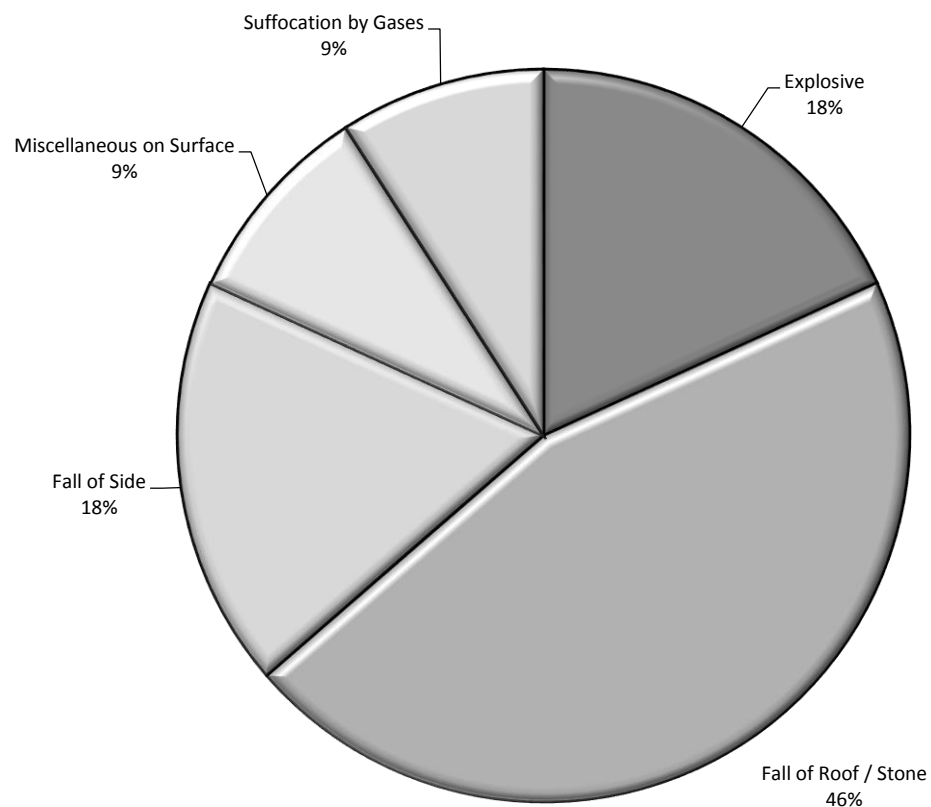


Classification	Electricity	Explosive	Fall of Roof/ Stone	Fall of Side	Haulage	Miscellaneous on Surface	Suffocation by Gases	Surface Machinery	Sundries Underground	Total
No. of Accidents	4	2	10	10	2	13	3	4	2	50



### 2.5.9 Classification of Serious Accidents

**Classification of Serious Accidents for the Year, 2013**



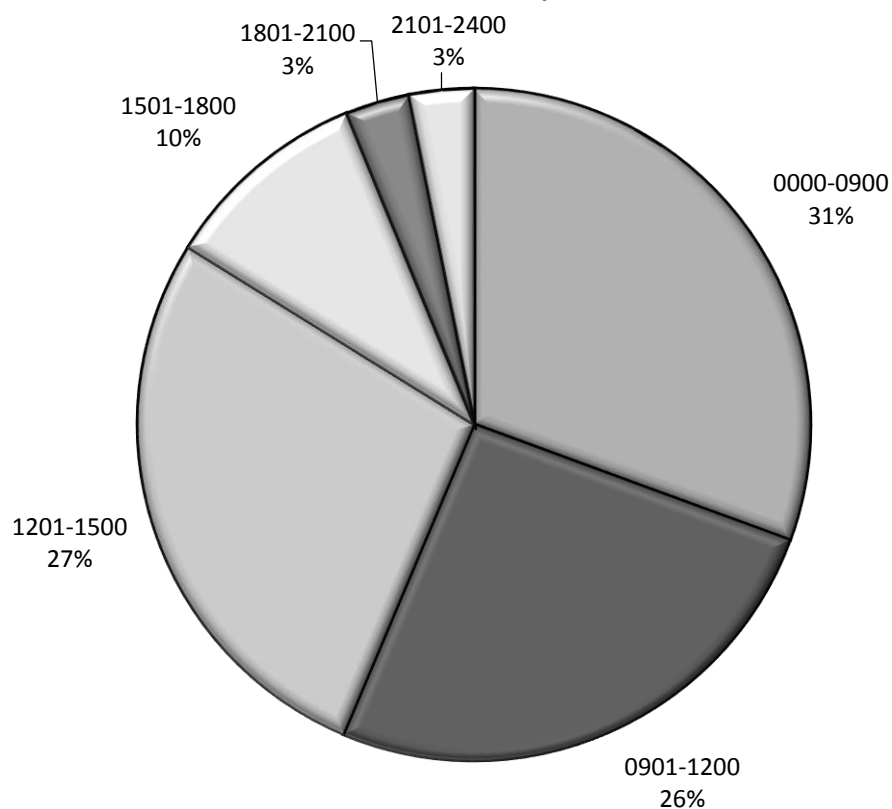
Classification	Explosive	Fall of Roof/ Stone	Fall of Side	Miscellaneous on Surface	Suffocation by Gases	Total
No. of Accidents	2	5	2	1	1	11



2.5.10 Fatal Accidents in Punjab with respect to Timings for the last five years remained as under:

Year	TIMINGS (24 Hours)						Total
	0000-0900	0901-1200	1201-1500	1501-1800	1801-2100	2101-2400	
2009	19	20	12	8	2	0	61
2010	14	17	19	6	1	3	60
2011	17	9	17	5	5	4	57
2012	22	18	15	5	1	2	63
2013	17	11	17	5	0	0	50
TOTAL	89	75	80	29	9	9	291

**Fatal Accidents in Punjab with respect to Timings  
For the last five years**



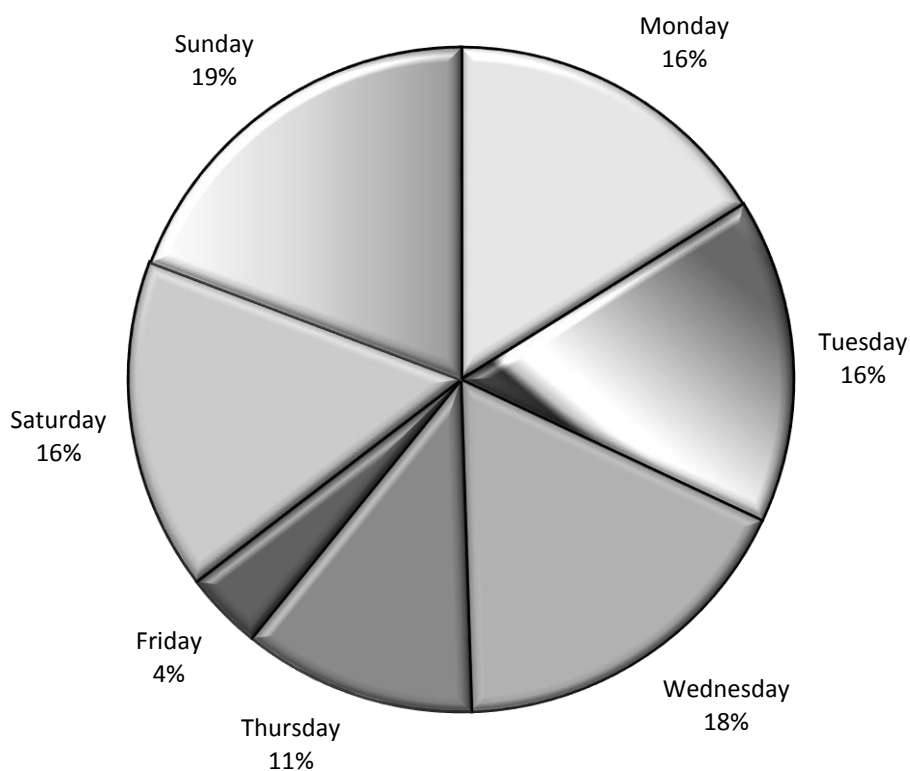




2.5.11 Fatal Accidents in Punjab with respect to days of week for the last five years remained as under:

Year	DAYS							Total
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
2009	12	9	9	6	1	10	14	61
2010	7	13	9	7	3	8	13	60
2011	7	10	12	7	2	8	11	57
2012	12	10	10	7	3	10	11	63
2013	9	4	11	6	2	11	7	50
<b>Total:</b>	<b>47</b>	<b>46</b>	<b>51</b>	<b>33</b>	<b>11</b>	<b>47</b>	<b>56</b>	<b>291</b>

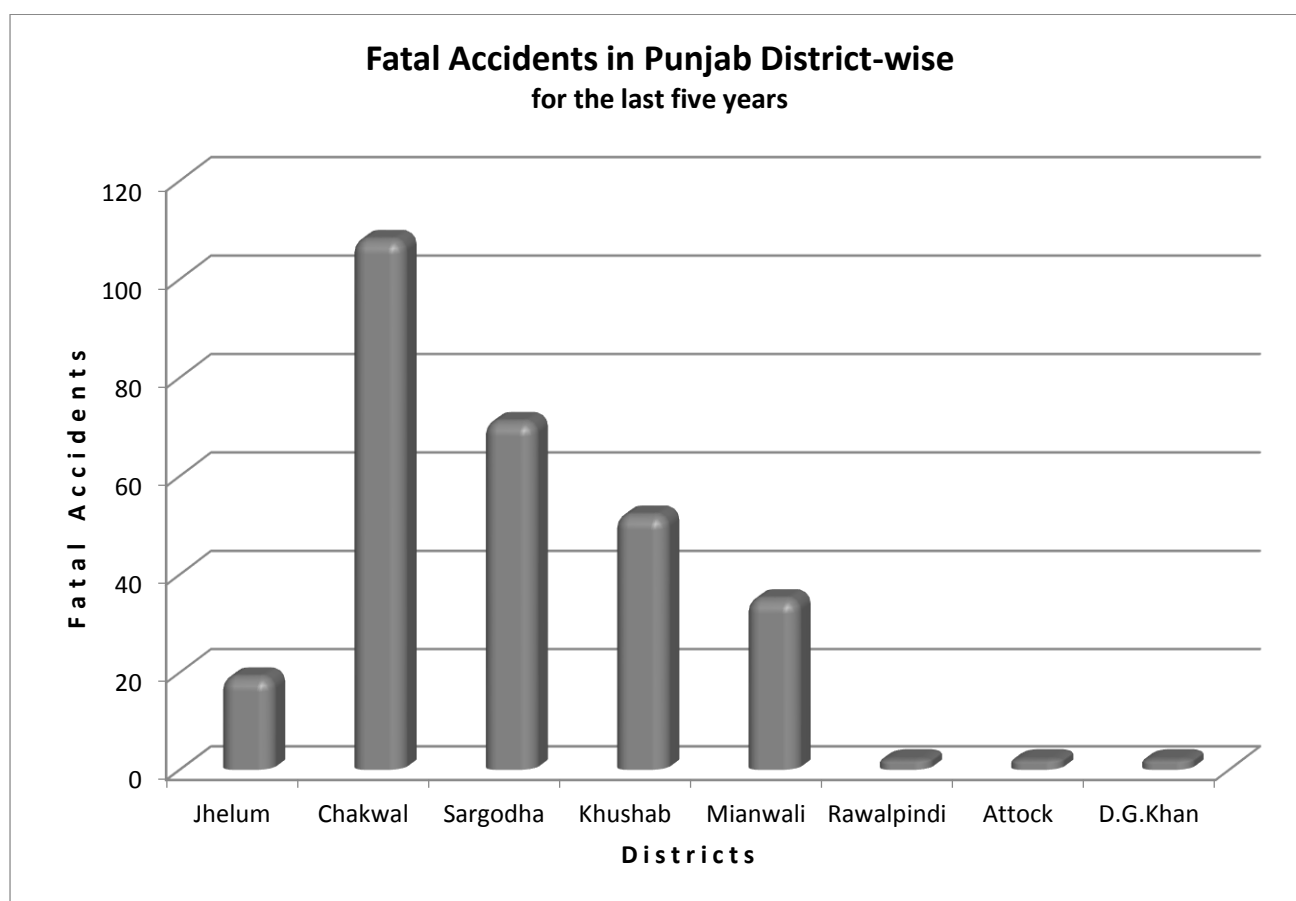
**Fatal Accidents in Punjab with respect to Days  
for the last five years**





2.5.12 Fatal Accidents in Punjab with respect to mining districts for the last five years remained as under:

Year	DISTRICTS								Total
	Jhelum	Chakwal	Sargodha	Khushab	Mianwali	Rawalpindi	Attock	D.G.Khan	
2009	2	27	14	8	10	0	0	0	61
2010	6	27	9	12	5	1	0	0	60
2011	4	18	18	13	4	0	0	0	57
2012	4	22	13	12	9	0	1	2	63
2013	3	14	17	7	7	1	1	0	50
<b>Total:</b>	<b>19</b>	<b>108</b>	<b>71</b>	<b>52</b>	<b>35</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>291</b>





## 2.6. Rescue & Recovery

To handle the mine emergencies and to provide rescue facilities to the mine workers trapped in underground mines as well as open quarries, a rescue and recovery wing is operational since 1983. The following rescue stations are engaged in this function:

### 2.6.1 Mines Rescue & Safety Station, Khushab

Mines Rescue & Safety Station, Khushab is headed by Rescue Superintendent (BS-18), a qualified Mining Engineer and assisted by two Rescue Instructors (BS-17) who are also Mining Engineers. The project was commenced in 1975 and completed in 1983 at a total cost of Rs.7.907 million having a foreign exchange component of Rs. 2.380 million. The main objectives and benefits for the establishment of this Station are:

#### 2.6.1.1 Objectives

- i. To provide prompt rescue facilities to the persons involved in accidents or disasters in mines.
- ii. To train rescue teams at different mines and to help these teams during the emergencies at the mines.
- iii. To hold refresher courses for teams employed by individual mine owners.
- iv. To hold periodical exercises in mines and to acquaint workers with the changing conditions of the mines because of development work.
- v. To hold tests of competency in Rescue Operations and to grant certificates to the successful persons.

#### 2.6.1.2 Benefits

- i. Availability of timely and efficient help in cases of mine accidents.
- ii. Proper knowledge of mine rescue work.
- iii. Availability of efficient and trained workers to deal with emergencies.
- iv. Possibility of saving lives which is not possible otherwise.
- v. Reposing confidence in the mine workers for their profession.

2.6.1.3 The Mines Rescue & Safety Station is not only engaged for attending emergency calls but is also heavily engaged in training of Mining Engineers, Mining Supervisors and Mine Workers by holding Regular Rescue and Refresher Courses.

2.6.1.4 The Regular Rescue Training Course is a fifteen (15) days' course arranged for such mining engineers, supervisors and mine workers who have not get any training in the field of mines rescue.



The aim of this training is to enable the mining personnel to provide prompt rescue facility to co-workers in case of any emergency.

2.6.1.5 The persons to be trained in rescue work are carefully nominated by mine owners and mine management on the grounds of their power of endurance and general suitability for the work and their knowledge of mine. Every person selected for training in rescue has to undergo the course of instructions and practices through rescue apparatus and equipment. After evaluation and assessment, the trained persons are awarded a certificate by Rescue Superintendent.

2.6.1.6 The Rescue Refresher Training Course is a five (5) days' course arranged for such mining personnel who have already attended the Regular Rescue Training Course. This training is aimed to refresh the knowledge and skills of trainees through practical exercises.

2.6.1.7 The rescue courses conducted during the last five years are as follows:

Year	Regular Rescue Courses	Participants	Rescue Refresher Courses	Participants
2009	20	154	-	-
2010	21	191	-	-
2011	20	194	-	-
2012	20	209	-	-
2013	19	209	-	-

2.6.1.8 The Mines Rescue & Safety Station upto now has attended 40 emergencies in which 74 persons were affected, out of which 43 persons were rescued alive and dead bodies of 31 persons were recovered from obnoxious atmosphere in the mines which otherwise would not have been possible. Mine Emergencies reported and attended during the last five years are as follows:

Year	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive
2009	-	-	-	-
2010*	1*	-	-	-
2011	1	1	1	-
2012	-	-	-	-
2013	-	-	-	-

\* One emergency was attended by the rescue team of Mines Rescue & Safety Station, Khushab in the area of M/s. Katha Digwell, Khushab to clear Mine No. 2 from smoke and gas. There were six persons affected and shifted to hospital prior to reach the rescue team to the mine site. However, mine was rehabilitated and cleared from smoke and gas for safe working.



2.6.1.9 The month-wise performance and the list of participants of Regular Rescue Training Courses are given at Annexure-1 & 2.

### 2.6.2 Mines Rescue & Safety Sub-Station, Makerwal, District Mianwali

This project is headed by a qualified Mining Engineer having rank of Rescue Instructor (BS-17) and was completed in 1987 at a total cost of Rs. 3.665 million. The main objectives of the station are:

- i. To provide prompt rescue facilities to the persons involved in accidents or disasters in mines.
- ii. To train rescue teams at different mines and to help those teams during the emergencies at the mines.
- iii. To hold refresher courses for teams employed by individual mine owners.
- iv. To hold periodical exercises in the mines and to acquaint workers with the changing conditions of the mines because of development work.

2.6.2.1 The Rescue Refresher Courses conducted during the last five years is as follows:

Year	Rescue Refresher Courses	Participants
2009	12	57
2010	09	44
2011	11	52
2012	12	58
2013	12	60

In addition to Rescue Refresher Courses, there were 3 Regular Rescue Training Courses arranged at the station with 37 participants (shown in the performance of Mines Rescue & Safety Station, Khushab).

2.6.2.2 There was no emergency reported, during the year, to the rescue team of the Sub-Station. Month-wise performance and the list of participants of Rescue Refresher Courses conducted at Mines Rescue & Safety Sub-Station, Makerwal are given at Annexure-3 & 4.

### 2.6.3 Mines Rescue & Safety Sub-Station, Choa Saiden Shah, District Chakwal

This project is headed by a qualified Mining Engineer having rank of Rescue Instructor (BS-17) and was completed in 1987 at a total cost of Rs. 3.187 million. The main objectives of the station are:

- i. To provide prompt rescue facilities to the persons involved in accidents or disasters in mines.
- ii. To train rescue teams at different mines and to help these teams during the emergencies at the mines.



- iii. To hold refresher courses for teams employed by individual mine owners.
- iv. To hold periodical exercises in the mines and to acquaint workers with the changing conditions of the mines because of development work.

2.6.3.1 The Rescue Refresher Courses conducted during for the last five years is as follows:

Year	Rescue Refresher Courses	Participants
2009	11	56
2010	10	45
2011	11	47
2012	12	61
2013	12	64

In addition to Rescue Refresher Courses, there were 4 Regular Rescue Training Courses arranged at the station with 45 participants (shown in the performance of Mines Rescue & Safety Station, Khushab).

2.6.3.2 Mine Emergencies reported and attended during the last five years are as follows:

Year	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive
2009	-	-	-	-
2010	-	-	-	-
2011*	1	2	1	-
2012**	1	2	1	1
2013	-	-	-	-

\* Emergency occurred at M/s. Wah Stone & Lime Quarry (Pvt.) Ltd; Dandot, Chakwal on 28.08.2011. First deadbody of mine worker Mr. Nadeem S/o. Muhammad Khalil was recovered on 31.08.2011 while the other body of mine worker Mr. Javed S/o. Muhammad Shabbir was recovered on 05.09.2011 (after 9 days' efforts).

\*\* A roof fall was occurred at Mine No. 13 of M/s. Sohail & Rashid Coal Co; Dalwal, District Chakwal on 31.07.2012 at 06:30 a.m. in which two workers were trapped. Rescue Team recovered a dead-body of Mr. Iftikhar Ahmed S/o. Naimat Khan (coal cutter) and the other worker Mr. Muhammad Ijaz S/o. Mr. Muhammad Hanif was rescued alive.

2.6.3.3 The month-wise performance and the list of participants of Rescue Refresher Courses conducted at Mines Rescue & Safety Sub-Station, Choa Saiden Shah are placed at Annexure-5 & 6.



## 2.7 Teaching & Training

Apart from ensuring safety through inspections and rescue training courses, this department has also taken a bold step to improve the quality and standard of mining activity through improving the standard of education of future supervisors. In this commitment, the following projects are established to effectively play the role as enumerated under:

### 2.7.1 Punjab School of Mines, Katas, Choa Saiden Shah, District, Chakwal

This project is headed by a Director (BS-19) and was completed on June 30, 1992 at a total cost of Rs. 25.130 million. The functions of the School are to impart pre-employment and in-service training to different categories of persons who have to hold supervisory positions in the Mining Industry. The School is affiliated with Punjab Board of Technical Education (PBTE), Lahore for awarding three years' Diploma of Associate Engineering (DAE) in mine-specific technologies.

The matriculate students with science subjects from all over Pakistan are invited for admission to the diploma classes. The School began with a planned capacity for 20 students of Mine Supervisory course 10 each for Mine Mechanical and Mine Electrical technology. The first batch consisting of 20 students was inducted in March, 1987 and by graduating three years diploma course was available to mineral sector in March, 1990. The scope was enhanced to 40 seats in 1994. A new Technology of Land & Mine Surveying was introduced in 2002 with 22 students.

The 28<sup>th</sup> batch was admitted in September, 2013 with 107 students which had got registered with Punjab Board of Technical Education, Lahore. Uptill now, 778 students have been qualified from the Punjab School of Mines, Katas and are serving in different organizations. The year-wise admission of students and result analysis is given at Annexure-7.

#### 2.7.1.1 Distinction

The Punjab School of Mines, Katas has a distinction that it is the only institution of its kind in Pakistan which provides three year vocational training in following mine-specific technologies:

- I. Mining Technology.
- II. Mechanical Technology with Specialization in Mining.
- III. Electrical Technology with Specialization in Mining.
- IV. Land & Mine Surveying Technology.

**2.7.1.2 Major Subjects**

The following technology-wise major subjects are being taught at the School:

Mining Technology	Mechanical Technology	Electrical Technology	Land & Mine Surveying
Mining	Machinery	Electrical Maintenance	Surveying
Geology	Metallurgy	Industrial Economics	Quantity Survey
Mine Ventilation	Hydraulics	Power Generation	Civil Engineering Drawing
Mine Economics	Industrial Management	Flame Proof Machinery	Coal/Metal Mining
Mine Surveying	Thermodynamics	Industrial Management	Computer Technology

**2.7.1.3 Admissions**

The admission process of 1<sup>st</sup> year class for Three Year Diploma Courses in Mining, Electrical and Land & Mine Surveying Technology Session 2013-16 was completed in September, 2013.

Technology-wise detail of admitted students is as follows:

Technology	Students Admitted
Mining	30
Mechanical (Specialization in Mining)	37
Land & Mine Survey	40
<b>Total:</b>	<b>107</b>

**2.7.1.4 Scholarships**

The examination based merit scholarships from 1<sup>st</sup> Annual Examination, 2013 were awarded by the Punjab Board of Technical Education, Lahore to the following students:

Sr. No.	Name of Student	Class	Amount (Rs.)
1.	Mr. Mehtab Nadeem	1 <sup>st</sup> Year Mining	15000
2.	Mr. Sajid Abbas	1 <sup>st</sup> Year Mining	12000
3.	Mr. Muhammad Ans	1 <sup>st</sup> Year Mining	9000
4.	Mr. Hasnain Ali	1 <sup>st</sup> Year L & M Survey	15000
5.	Mr. Muhammad Saqib Sardar	1 <sup>st</sup> Year L & M Survey	12000
6.	Mr. Awais Malik	1 <sup>st</sup> Year L & M Survey	9000
7.	Mr. Asad Ameer	2 <sup>nd</sup> Year Mining	15000





8.	Mr. Mehran Hussain	2 <sup>nd</sup> Year Mining	12000
9.	Mr. Muhammad Nouman Iqbal	2 <sup>nd</sup> Year Mining	9000
10.	Mr. Aiman Aqeel	2 <sup>nd</sup> Year L & M Survey	15000
<b>Total:</b>			<b>123000</b>

2.7.1.5 Results of 1<sup>st</sup> & 2<sup>nd</sup> Annual Examinations are shown with the performance of Mining Development Cell, Lahore. However, extra-curricular and miscellaneous activities carried out in the institute are briefed as follows:

- i. The Additional Secretary, Mines & Minerals Department visited the Punjab School of Mines on 6<sup>th</sup> February, 2013.
- ii. A group of two hundred (200) Hindu Yatrees visited the Katas Raj Temples on 7<sup>th</sup> to 10<sup>th</sup> March, 2013 to whom accommodation was provided at Punjab School of Mines as per requirement of District Administration.
- iii. External Audit was conducted w.e.f. 22<sup>nd</sup> to 27<sup>th</sup> April, 2013 by audit team of Director General Audit Punjab, Lahore.
- iv. Annual Survey Camp of 2nd year class of Mine Survey Institute, Makerwal was held at Punjab School of Mines, Katas w.e.f. 21<sup>st</sup> April to 4<sup>th</sup> May, 2013 for which accommodation and other facilities were provided to the students.
- v. A group of forty nine (49) students along with two teachers of the Government College of Technology, Rasul, Mandi Bahauddin visited and stayed at Punjab School of Mines from 29<sup>th</sup> to 31<sup>st</sup> May, 2013. During their stay, lectures were given by Mr. Muhammad Yaqub, Director and M/s. Qutub-ud-Din and Muhammad Shahbaz, Assistant Directors along with practical at Geology Lab.
- vi. The Chief Inspector of Mines, Punjab visited the Punjab School of Mines on 24<sup>th</sup> October, 2013 and Chaired the Quarterly Meeting of G-II Officers.
- vii. A group of sixty five (65) students from Fauji Foundation School, Talagang Road, Chakwal along with their teachers visited the Punjab School of Mines on 18<sup>th</sup> December, 2013.
- viii. The Chief Inspector of Mines, Punjab visited the Punjab School of Mines on 16<sup>th</sup> December, 2013 and Chaired the Quarterly Meeting of G-II Officers.
- ix. A group of two hundred and fifty (250) Hindu Yatrees visited the Katas Raj Temples from 21<sup>st</sup> to 24<sup>th</sup> December, 2013 to whom accommodation was provided at Punjab School of Mines as per requirement of District Administration.

**2.7.1.6 Study & Excursion Tours**

The study and excursion tours were arranged as follows:

Sr. No.	Class	Date	Place of Visit	Teachers/Staff Accompanied
1.	2 <sup>nd</sup> & 3 <sup>rd</sup> Year Mining	21.11.2013	Khokhar Bala mining area and Kalar Kahar.	Mr. Muhammad Zafar, Mine Sirdar
2.	3 <sup>rd</sup> Year Mining	25.11.2013	Coal Mines near Sarien, Choa Saiden Shah	Mr. Muhammad Zafar, Mine Sirdar
3.	2 <sup>nd</sup> Year Land & Mine Surveying	30.11.2013	Khewra Salt Mines	Mr. Muhammad Zubair
4.	2 <sup>nd</sup> Year electrical	04.12.2013	Pakistan Cement Factory	Mr. Muzammil Akhtar Khan
5.	1 <sup>st</sup> Year Mining & Mechanical	07.12.2013	D. G. Cement Factory and Kalar Kahar	M/s. Pervaiz Akhtar and Amjad Ansar
6.	3 <sup>rd</sup> Year Mechanical and Land & Mine Surveying	09.12.2013	Best Way Cement Factory and Kalar Kahar	M/s. Abuzar Ghaffari and Tahir Abbas
7.	1 <sup>st</sup> Year Land & Mine Surveying	12.12.2013	Kalar Kahar	Mr. Imran Shahzad

**2.7.1.7 Internship of Students**

The following ex-students were referred to M/s. Bestway Cement Factory for internship programme:

Sr.	Name of Students	Internship Technology
1.	Mr. Ahsan Shahzad Malik S/o. Resham Khan	Mining
2.	Mr. ShujaUllah S/o. Riaz Ahmed	Automation
3.	Mr. Asad Javed S/o. Tariq Javed	Mining
4.	Mr. Muhammad Hussain S/o. Akhtar Abbas	Mining

**2.7.2 Mine Survey Institute, Makerwal, District Mianwali**

This Institute is headed by a Principal (BS-17). This project was completed at a total cost of Rs. 4.225 million. Two years certificate is provided in Land & Mine Surveying Technology by Mining Development Cell, Lahore to the qualifying students. The main objectives of the Institute are as under:

- I. To provide infra-structure to act as feed to the statutory Survey Competency Examination.
- II. To produce readily trained Mine Surveyors.
- III. To help the firms in maintaining the mine plans as per statutory requirements.
- IV. To help in providing the working conditions underground both in safety and conservation of minerals.

The matriculate students with science subjects from all over Pakistan are invited for admission to the certificate course. The first batch of 20 students was inducted in September, 1989 and after qualifying two years certificate course in Mine Surveying was available to mineral sector in September, 1991. The scope was enhanced to 40 students in 1994. The 25<sup>th</sup> batch of 60 students was admitted in September, 2013 with special approval of the Chief Inspector of Mines, Punjab.

**2.7.2.1 Distinction**

The only institute of its kind in Pakistan which provides two years vocational training in Mine Surveying Technology.

**2.7.2.2 Major Subjects**

The major subjects of Land & Mine Surveying Technology are as under:

- |                     |             |             |
|---------------------|-------------|-------------|
| i. Surveying        | ii. Geology | iii. Mining |
| iv. Rescue & Safety | v. Drawing  |             |

**2.7.2.3 Academic Tests**

Quarterly/preparatory tests of 1<sup>st</sup> and 2<sup>nd</sup> year class were held w.e.f. 8<sup>th</sup> to 12<sup>th</sup> April, 2013. The send-up test for both classes was held w.e.f. 20<sup>th</sup> to 24<sup>th</sup> May, 2013.

**2.7.2.4 Make-up Classes**

The make-up classes were arranged w.e.f. 27<sup>th</sup> to 31<sup>st</sup> May, 2013 for the students having less than 80% attendance in regular classes enabling them to appear in the final exams.

**2.7.2.5 Annual Survey Camp**

Annual Survey Camp of 2<sup>nd</sup> year class was held at Punjab School of Mines, Katas w.e.f. 21<sup>st</sup> April to 4<sup>th</sup> May, 2013.



### 2.7.2.6 Plantation

Plantation was done during the months of February and August, 2013.

### 2.7.2.7 Extra Curricula Activities

Extra-curricular activities carried out at the institute are briefed as follows:

- i. Mehfil-e-Melad-un-Nabi was celebrated in the Mosque of the Institute in 25<sup>th</sup> January, 2013.
- ii. Pakistan Day was celebrated on 25<sup>th</sup> March, 2013 in which students and staff members participated actively.
- iii. A farewell party was arranged in the honour of 2<sup>nd</sup> year class by the 1<sup>st</sup> year class on 19<sup>th</sup> April, 2013 in which drama and musical show was presented by students.
- iv. Independence Day was celebrated at the Institute with national enthusiasm on 14<sup>th</sup> August, 2013. All the students and staff members participated in the ceremony. Students offered speeches to highlight the occasion.
- v. After Eid-ul-Fitr, an Eid Millan Party was arranged for the all the students teachers and staff members.
- vi. Captain (R) Saeed Ahmad Nawaz, Secretary Mines & Minerals Department accompanied with Chief Inspector of Mines, Punjab and Deputy Chief Inspector of Mines visited the Institute on 27<sup>th</sup> August, 2013. Briefing was given by the Principal and the Secretary Mines & Minerals Department expressed his satisfaction over the presentation and performance of the Institute.
- vii. An Eid Millan Party was arranged and celebrated after Eid-ul-Azha on 22<sup>nd</sup> October, 2013 in which all students and staff members cordially participated.
- viii. A welcome party was arranged by 2<sup>nd</sup> year class in the honour of newly admitted 1<sup>st</sup> year class on 29<sup>th</sup> October, 2013.
- ix. The Yom-e-Aashura (martyrdom anniversary of Hazrat Imam Hussain) was observed with reverence in the mosque of the Institute on 15<sup>th</sup> November, 2013. After Qur'an Khawni and prayers for the martyrs of Karbala, 'Niaz' was distributed among the participants.
- x. To give tribute to the "Poet of East" Dr. Allama Muhammad Iqbal, the Iqbal's Day was celebrated on 16<sup>th</sup> November, 2013 in which all the students, teachers and other staff members participated with full spirit.
- xi. The annual games of the Institute were arranged from 25<sup>th</sup> to 30<sup>th</sup> November, 2013.



- xii. The Quaid Day was celebrated on 24<sup>th</sup> December, 2013 in which all the participants given tribute to Founder of Pakistan Quaid-e-Azam Muhammad Ali Jinnah.

2.7.2.8 Results of 1<sup>st</sup> & 2<sup>nd</sup> Annual Examinations are given with the performance of Mining Development Cell, Lahore.

### 2.7.3 In-Service Training

2.7.3.1 Training plays a fundamental role to protect the miners from illness and injury on the job. Inspections alone cannot keep the mines accident-free. In-service training is provided to the mine workers with a vision to give them awareness about the safety measures to be taken by them during working. Such training also enables the miners to do their jobs in a proficient way and is crucial to the reduction of accidents and occupational diseases.

2.7.3.2 An officer of BS-18 looks after this important area. In-service courses are organized at mines sites and quarries. The performance of course-wise participation of mine workers for the year, 2013 was as under:

Sr. No.	Name of Course	Participants	Place	Duration
1.	First Aid Training Course	10	Margala Hills, Margala District Rawalpindi.	29 <sup>th</sup> – 30 <sup>th</sup> January, 2013
2.	Timberrman Training Course	31	Mine Rescue & Safety station, Khushab.	26 <sup>th</sup> – 27 <sup>th</sup> March, 2013
3.	Shot Firers Training Course (Two Days')	44	M/s. PMDC Salt Mines, Kalabagh, District Mianwali.	15 <sup>th</sup> - 16 <sup>th</sup> April, 2013
4.	Shot Firers Training Course (Two Days')	60	Pull 111, Sargodha.	24 <sup>th</sup> – 25 <sup>th</sup> June, 2013
5.	First Aid Training Course	30	Margala Hills, Margala District Rawalpindi.	23 <sup>rd</sup> – 24 <sup>th</sup> September, 2013
6.	First Aid Training Course	37	Mines Rescue and Safety Station, Khushab.	2 <sup>nd</sup> – 3 <sup>rd</sup> October, 2013
7.	Shot Firers Training Course (Two Days')	44	M/s. Makerwal Collieries, Makerwal, District Mianwali.	27 <sup>th</sup> – 28 <sup>th</sup> November, 2013
8.	First Aid Training Course	52	Mines Rescue and Safety Station, Khushab.	16 <sup>th</sup> – 17 <sup>th</sup> December, 2013
<b>Total Participants:</b>		<b>308</b>		



#### 2.7.4 Model Mine -- Demonstration -- Transfer of Technology

Training Mine for Mine Supervisors & Mining Technicians, Choa Saiden Shah, District Chakwal is headed by a Mine Manager (BS-19) and assisted by an Assistant Mine Manager (BS-18) and a Workshop Engineer (BS-18). The project was completed at a total cost of Rs. 34.263 million on 30<sup>th</sup> June, 1993. The main purpose of the establishment of Training Mine is to provide practical training to the prospective supervisors in actual working conditions to facilitate the transfer of technology of the mineral sector through rationally trained manpower on the analogy of Medical College and practicing Hospital.

The main objectives of Training Mine are as follows:

- I. Availability of skilled and trained Mining Supervisors & Mining Technicians.
- II. Better and safe-working methods of ensuring enhanced safety and indirectly increased production.
- III. Conservation of Miners wealth which is otherwise wasted due to unsafe and outmoded methods.
- IV. Reduction in the number of accidents.
- V. Reposing confidence of safety amongst the miners and making them safety conscious.
- VI. Awareness about mine hazards.
- VII. Facilities for experiments on mining hazards.

The performance of Training Mine, Katas during the year, 2013 is briefed as follows:

##### 2.7.4.1 Practical Training

Practical Training of students of Punjab School of Mines, Katas at mine and workshop remained as follows:

##### a) Shaft

Following practical trainings were conducted during the year at shaft:

- i. Practical training of mine machinery (pumps, pick hammer) used in underground mining.
- ii. Practical of single piece timber support, wooden chock in training face gallery at tunnel No. 2.

##### b) Incline

Following practical trainings were conducted during the year at incline:

- i. Practical of mine accident recovery of rescue trainees under the supervision of Rescue Instructor, Choa Saiden Shah.
- ii. Practical training of timber supports in intermediate level & 13 meter level, in the incline.



- iii. Practical of blasting with wooden safety supports, centrifugal fans and its maintenance, signaling system and quarry work.

**c) Workshop**

Following practical trainings were conducted during the year at workshop:

- i. Practical training with lathe machine, facing and finishing of job and cutting tools etc.
- ii. Practical training of hammer drill, pick hammer drilling pattern, drilling with hand auger, blasting and wooden support.
- iii. Practical of roughing down the job by using flat file in metal lab.
- iv. Practical of turning on job with right hand turning tools.
- v. Practical training of welding, arc welding etc.
- vi. Practical of forging in workshop.
- vii. Repairing and welding of steel supports and distance iron for incline.
- viii. Wiring accessories, types of wiring, circuits and cable joints practical.
- ix. Practical of filling.

**d) Surface Activities**

- i. Practical training of rail track installation on surface and lubrication of track switches lever near haulage station.

#### 2.7.4.2 Maintenance of Mine

**a) Shaft**

- i. The friction props were reinstalled in training face gallery.
- ii. Repair and replacement of roof and side wooden planks in training face gallery at Tunnel No.1 & 2.
- iii. Lubrication of scraper rope and roller in training face gallery.
- iv. Maintenance of all machinery installed at shaft area.
- v. Maintenance and repair of training face, roof sides and floor.
- vi. Monitoring and repair of electric wiring in shaft and installation of new bulbs.
- vii. Cleanliness/maintenance of generator and conveyer belt at shaft.
- viii. Work stopped due to inundation of water in shaft.

**b) Incline**

- i. Work of rehabilitation in intermediate level No.1 leading to shaft remained in progress.
- ii. Loading and unloading of falling material in intermediate level No. 1 remained in progress.
- iii. Installation of steel supports with distance iron, chocks and packing of wasted material around steel supports at fall point in intermediate level No. 1.
- iv. Installation and packing of wooden planks in intermediate level No. 1.
- v. Maintenance of rail track in 13 meter in intermediate level No. 1.



- vi. Cleanliness and maintenance of incline gallery, intermediate level No. 1 and 13 meter level remained progress.
- vii. Disassembling of the turntable, assembling after lubrication.
- viii. Repair of ventilation ducts in 13 meter level in incline.
- ix. Dismantling of rail track & assembling after tightening of nuts and bolts in 13 meter level of incline.
- x. Reinstallation of three piece timber support in 13 meter level.

#### 2.7.4.3 Workshop

- i. Steel supports with distance iron for incline were repaired.
- ii. Cleanliness/maintenance of machinery & equipment.
- iii. Maintenance of pneumatic machine.
- iv. Maintenance of machinery and equipment.

#### 2.7.4.4 General/Surface Activities

- i. Maintenance of haulage and band saw.
- ii. Lubrication of haulage drum, rope and ruler at incline mouth.
- iii. Maintenance of electrical panel board at generator station.
- iv. Plantation in the Mine area and mine colony.
- v. General cleanliness and maintenance i.e. cutting of trees, bushes and grass in the Training Mine premises and Mine Colony area continued during the year.

#### 2.7.4.5 Visits of Delegations

- i. The Additional Secretary, Mines & Minerals Department visited the Training Mines on 6<sup>th</sup> February, 2013.
- ii. The students of 2<sup>nd</sup> year class of Mine Survey Institute, Makerwal visited the Training Mine for practical exposure as a part of their Annual Survey Camp held at Katas from 21<sup>st</sup> April to 4<sup>th</sup> May, 2013.
- iii. A group of forty nine (49) students along with two teachers of the Government College of Technology, Rasul, Mandi Bahauddin visited the Training Mines on 30<sup>th</sup> May, 2013.
- iv. Mr. Riaz Ahmed Ch. Director Mines Labour Welfare, Lahore and Hafiz Hamid Iqbal, Training Officer, Lahore visited the Training Mine on 13<sup>th</sup> September, 2013 for checking of attendance and monitoring of practical training of students.
- v. Engr. Muhammad Siddique, Director Mining Development Cell, Lahore visited the Training Mine on 23<sup>rd</sup> September, 2013 for checking of attendance of students, officers and staff.





- vi. Mr. Sohail Anjum, Director Geology Department, Federal Urdu University, Karachi visited the Training Mine alongwith three (3) teachers and forty five (45) students on 28<sup>th</sup> October, 2013 who were briefed about underground mining methods.
- vii. A group of sixty five (65) students from Fauji Foundation School, Talagang Road, Chakwal along with their teachers visited the Training Mines on 18<sup>th</sup> December, 2013.

## 2.8 Mine Sample Testing – Research

A laboratory namely “Mine Sample Testing Laboratory, Khushab” was established in 1984, headed by a Senior Research Officer (BS-18), a qualified Mining Engineer and assisted by two Research Officers (BS-17). This project was completed on 30th June, 1984 by a total cost of Rs. 3.976 million. The main objectives of the Laboratory are to test and analyze the samples drawn from the mines with the view to forecast dangers in mines and to ensure:

- I. Uniformity in the working environments in mines.
- II. Minimum required standards of safety.
- III. Improved working conditions.
- IV. Less accidents rate in mines resulting inter alia reposing confidence in workers.
- V. Detection of occupational diseases and their remedy.

2.8.1 The detail of different types of samples collected for the last five years is as follows:

Sr. No.	Type of Samples	2009	2010	2011	2012	2013
1	Gas	402	402	222	72	633
2	Humidity	402	402	513	645	678
3	Light	408	402	513	645	680
4	Temperature	402	402	513	645	678
5	Ventilation	132	134	171	215	226
6	P.H. of Water	84	85	118	160	158
7	Noise	77	81	99	162	198
8	Dust	117	105	131	175	194
<b>Total:</b>		<b>2024</b>	<b>2013</b>	<b>2280</b>	<b>2719</b>	<b>3445</b>



2.8.2 During the year under report, out of 3445 samples collected from 226 mines, 758 were found beyond the permissible limits. In this way, 22% of the total sample collected were sub-standard for which mining firms were advised to take precautionary measures to avoid any critical situation in and about the mines and provide safe working environment to the workers. The detailed performance of Mine Sample Testing Laboratory is given at Annexure-8 and sub-standard samples with their analysis at Annexure-9.

## 2.9 Planning & Development

Planning helps an organization to achieve its goals or objectives. The process begins with reviewing the current operations of the organization and identifying what needs to be improved operationally in the upcoming years. Planning involves envisioning the results the organization wants to achieve and determining the necessary steps to arrive at the intended destination. After a strong planning, the process of development takes place in terms of systematic use of scientific and technical knowledge to meet specific goals. This department has established a wing for planning and development of mining sector i.e. Mining Development Cell.

### 2.9.1 Mining Development Cell

The Mining Development Cell is headed by a Director (BS-19) assisted by two Assistant Directors (BS-17). This project was completed on 30<sup>th</sup> June, 1993 by a total cost of Rs. 4.108 million. The functions of the Cell are to prepare and implement new development schemes as well as to develop curricula and prepare text books for the students of Punjab School of Mines, Katas and Mine Survey Institute Makerwal. The main objectives are:

- I. Preparation of new development schemes and necessary revision as and when required.
- II. Execution of development schemes, indenting, purchasing and installation of machinery.
- III. Preparation of curricula and detailed courses (text books) for various disciplines of mining.
- IV. To conduct statutory examinations under the Mines Act, 1923 and other examination of all Training Institutes of the Inspectorate of Mines.

The performance of Mining Development Cell, Lahore for the year ending 2013 is given as follows:



### 2.9.1.1 Revision of Nomenclature of Electrical & Mechanical Technologies

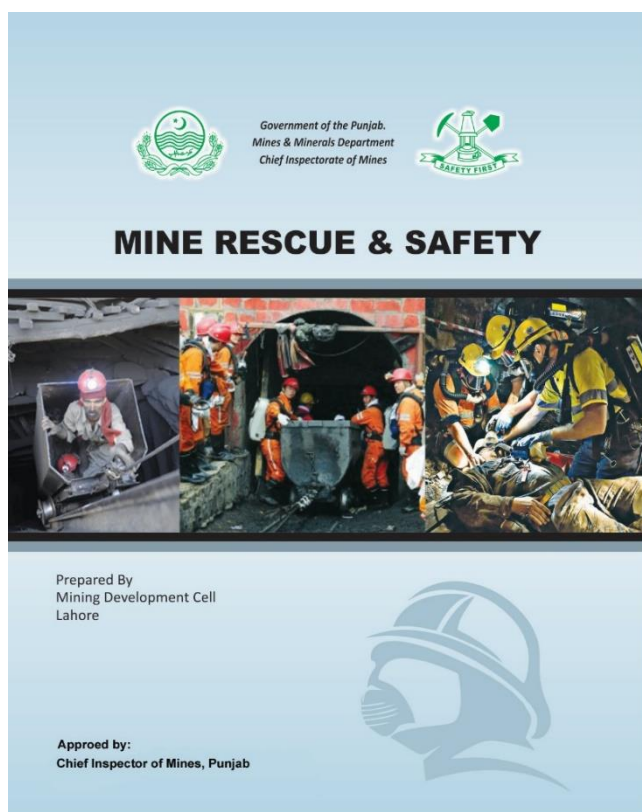
As per TEVTA's notification, Punjab Board of Technical Education officially declared the nomenclature of both technologies as "DAE Electrical Technology with specialization in Mining" and "DAE Mechanical Technology with specialization in Mining" which were earlier as Mine Electrical and Mine Mechanical technologies. In this regard, complete follow-up and assistance was provided to TEVTA and PBTE by Mining Development Cell including revision of syllabus of both technologies.

### 2.9.1.2 Revision of Syllabus of Mining and Land & Mine Surveying Technologies

As per instructions of TEVTA, new paper i.e. "Mine Power Drainage & Material Handling" is included in the approved syllabus for 2<sup>nd</sup> year class of Mining and Land & Mine Surveying. In this regard, according to outlines of syllabus given by TEVTA, a book was being prepared for both technologies of Punjab School of Mines, Katas.

### 2.9.1.3 Revision of Books

Revision of syllabus of the book on "Mine Rescue & Safety" had been completed during the year under report and after printing was available for the students of Punjab School of Mines, Katas.



Front Title



Back Title

**2.9.1.4 Admissions**

The admission process of Punjab School of Mines, Katas for Session 2013-16 and Mine Survey Institute, Makerwal for Session 2013-15 was carried out in which 107 and 60 students were admitted respectively.

**2.9.1.5 Examinations**

- I. The 2<sup>nd</sup> Annual Examination, 2012 of Mine Survey Institute, Makerwal was conducted from 3<sup>rd</sup> to 10<sup>th</sup> January, 2013.
- II. The 1<sup>st</sup> Annual Examination, 2013 of Punjab School of Mines, Katas was conducted by Punjab Board of Technical Education, Lahore w.e.f. 20<sup>th</sup> June to 7<sup>th</sup> July, 2013. This time, practical/ viva voce examination was held before theoretical exam i.e. from 15<sup>th</sup> to 31<sup>st</sup> May, 2013 due to Holy month of Ramadan so that delay may not affect the timely declaration of result.
- III. The 1<sup>st</sup> Annual Examination, 2013 of Mine Survey Institute, Makerwal was conducted from 26<sup>th</sup> June to 5<sup>th</sup> July, 2013 by Mining Development Cell, Lahore.
- IV. The 2<sup>nd</sup> Annual Examination, 2013 of Punjab School of Mines, Katas was held w.e.f. 5<sup>th</sup> to 19<sup>th</sup> December, 2013.

**2.9.1.6 Results****i. Punjab School of Mines, Katas, C. S. Shah, District Chakwal**

a) The result of 2<sup>nd</sup> Annual Examination, 2012 held from 28<sup>th</sup> November, 2012 to 29<sup>th</sup> December, 2012 was declared on 6<sup>th</sup> March, 2013 by the Punjab Board of Technical Education, Lahore which is briefed as follows:

Sr. No.	Classes	Students Appeared	Passed	Failed	Pass Percentage
1.	1 <sup>st</sup> year	67	6	61	9%
2.	2 <sup>nd</sup> year	66	7	59	11%
3.	3 <sup>rd</sup> year	16	3	13	19%
<b>Over all position:</b>		<b>149</b>	<b>16</b>	<b>133</b>	<b>11%</b>



b) The result of 1<sup>st</sup> Annual Examination, 2013 of Punjab School of Mines, Katas was declared by the Punjab Board of Technical Education, Lahore on 20<sup>th</sup> September, 2013 which is briefed as follows:

Sr. No.	Classes	Students Appeared	Passed	Failed	Pass Percentage
1.	1 <sup>st</sup> year	139	35	104	25%
2.	2 <sup>nd</sup> year	113	42	71	37%
3.	3 <sup>rd</sup> year	56	52	4	93%
<b>Over all position:</b>		<b>308</b>	<b>129</b>	<b>179</b>	<b>42%</b>

ii. **Mine Survey Institute, Makerwal District Mianwali**

a) The result of 2<sup>nd</sup> Annual Examination, 2012 of Mine Survey Institute, Makerwal held from 3<sup>rd</sup> to 10<sup>th</sup> January, 2013 was declared by Mining Development Cell on 3<sup>rd</sup> May, 2013 which is briefed as follows:

Sr. No.	Classes	Students appeared	Passed	Failed	Pass percentage
1.	1 <sup>st</sup> year	62	21	41	34%
2.	2 <sup>nd</sup> year	41	12	29	29%
<b>Over all position:</b>		<b>103</b>	<b>33</b>	<b>70</b>	<b>32%</b>

b) The result of 1<sup>st</sup> Annual Examination, 2013 of Mine Survey Institute, Makerwal held in July, 2013 was declared by Mining Development Cell on 30<sup>th</sup> December, 2013 which is briefed as follows:

Sr. No.	Classes	Students appeared	Passed	Failed	Pass percentage
1.	1 <sup>st</sup> year	97	32	65	33%
2.	2 <sup>nd</sup> year	86	35	51	41%
<b>Over all position:</b>		<b>183</b>	<b>67</b>	<b>116</b>	<b>37%</b>



## 2.9.2 Progress of Development Projects

### 2.9.2.1 On-Going Schemes – ADP, 2012-13

The status of schemes in the Annual Development Programme, 2012-13 and utilization upto the end of June, 2013 remained as follows:

Sr. No.	Name of Scheme	Approved Cost	Revised Allocation for 2012-13	Utilization
1.	Extension of Punjab School of Mines, Katas, District Chakwal. G. S. NO. 1630  Construction of Boundary Wall had been completed upto 5,000 Rft. out of 6,000 Rft. Gas fittings and road construction was completed. Residencies were in finishing stage. I.T. Equipment received and payments were made to the suppliers.	75.276 m	4.772 m	2.810 m
2.	Strengthening of Training Mine for Mine Supervisors and Mining Technicians, Choa Saidu Shah, District Chakwal. G. S. No. 1631  Furniture and Machinery Equipment received and payments made to the suppliers.	73.139 m	2.634 m	2.634 m
3.	Establishment of Mines Rescue & Safety Area Sub Station, Munara, District Chakwal. G. S. No. 1632  Construction work was completed and building is to handed-over to the department. Rescue Van and Generator was received and payments made to the suppliers.	39.908 m	9.183 m	8.538 m
4.	Establishment of 10 Bedded MLW Hospital at Chak No. 119/S.B., Tehsil Sillanwali, District Sargodha. G. S. No. 1633  Main building had been completed except windows and safety grills. Boundary wall, main structure of residencies with tile roofing was completed. Structure of overhead water tank was also completed. However, due to non-completion of building, the Administrative Department had scraped the tenders; therefore an amount of Rs. 7.999 million were surrendered.	56.798 m	10.427 m	10.427 m
5.	Establishment of Mines Labour Welfare Girls Higher Secondary School at Chak No. 119/S.B. Tehsil Sillanwali, District Sargodha. G. S. No. 1634  Brick work of Main Building, Residences of Officers and Quarters had been completed upto roof level and shuttering was in progress. Construction of Boundary wall's Brick work was completed upto 1,300 Rft. Structure of Overhead Water Tank was completed below bowl.	64.825 m	6.000 m	5.999 m



6.	Strengthening of Mine Survey Institute, Makerwal, District Mianwali. G. S. No. 1635  Construction work had been completed and building is to be handed-over to the department. Computers and Furniture was purchased and payments made to the suppliers.	20.438 m	0.977 m	0.851 m
7.	Upgradation of Mines Labour Welfare Boys High School to Higher Secondary School, Makerwal, District Mianwali. G. S. No. 1636  Building had been completed and handed-over to the department on 13.01.2013. Lab. and Machinery/Equipment, Furniture and Generator was purchased and payments made to the suppliers.	40.719 m	10.384 m	10.257 m

### 2.9.2.2 On-Going Schemes – ADP, 2013-14

The status of on-going schemes in the Annual Development Programme, 2013-14 and utilization upto the end of December, 2013 was as follows:

Sr. No.	Name of Scheme	Estimated Cost	Revised Allocation for 2013-14	Utilization
1.	Extension of Punjab School of Mines, Katas, Choa Saiden Shah, District Chakwal. G. S. NO. 1438  There were no funds released by P&D / Finance Department for first and second quarter of the financial year, 2013-14.	75.276 m	-	-
2.	Establishment of 10 Bedded MLW Hospital at Chak No. 119/S.B; Tehsil Sillanwali, District Sargodha. G. S. No. 1439  There were no funds released by P&D / Finance Department for first and second quarter of the financial year, 2013-14.	56.798 m	-	-
3.	Establishment of Mines Labour Welfare Girls Higher Secondary School at Chak No. 119/S.B. Tehsil Sillanwali, District Sargodha. G. S. No. 1440  Funds in Capital head were released by the P&D / Finance Department and only Rs. 1.000 million could be utilized to clear the liabilities of deceased contractor.  The work had been rescinded after declaring the contractor as defaulter. The Building Department is revising the Rough Cost Estimate and after approval of the competent authorities tenders would be called for construction of remaining work.	64.825 m	24.413 m	1.000 m



4.	Strengthening of Mine Survey Institute, Makerwal, District Mianwali. G. S. No. 1441	20.438 m	6.022 m	0.892 m
	Funds were released by the P&D / Finance department in Revenue head. Summery to Chief Minister for approval regarding purchase of School Bus had been submitted to the Administrative Department. Funds Rs. 89,240 were utilized on purchase of Air Conditioner for computer lab; whereas issuance of Supply Order amounting to Rs. 2,312,500 to the contractor for purchase of survey items was under process.			
5.	Upgradation of Mines Labour Welfare Boys High School to Higher Secondary School, Makerwal, District Mianwali. G. S. No. 1442	40.719 m	7.116 m	0.070 m
	Funds were released by the P&D / Finance Department in Revenue head. Summery to Chief Minister for approval regarding purchase of School Bus was being prepared. Tender/Quotations had been called for purchase of Books, Air Conditioner and some Laboratory equipment.			

The non-development budget of the department in terms of original grant, revised/final grant and expenditure for the years from 1988-89 to 2013-14 may be seen at Annexure-10 and graphical presentation for the years from 2008-09 to 2012-13 at Annexure-11.





# SECTION-III

## STAFF STRENGTH

3.1 During the year 2013, the following officers of the Inspectorate of Mines, Punjab remained on roll in the department:

Sr. No.	Name of Officer	Designation
1.	Mr. Muhammad Saleem Anwer Ghouri	Chief Inspector of Mines, Punjab and Ex-Officio Mines Labour Welfare Commissioner, Punjab, Lahore.
2.	Mr. Riaz Ahmed Choudhry	Director Mines Labour Welfare, Punjab, Lahore.
3.	Mr. Muhammad Siddique	Director, Mining Development Cell, Lahore.
4.	Mr. Muhammad Siddique Ch.	Director, Punjab School of Mines, Katas. OSD at Mines & Minerals Department.
5.	Mr. Muhammad Dilshad Baluch	Rescue Superintendent, Mines Rescue & Safety Station, Khushab.
6.	Mr. Muhammad Yaqoob	Deputy Director, Punjab School of Mines, Katas.
7.	Hafiz Hamid Iqbal	Training Officer, Lahore.
8.	Mr. Irfan Akram	Deputy Director (Budget & Statistics), Punjab, Lahore.
9.	Mr. Qudrat Ullah	Workshop Engineer, Training Mine, Katas.
10.	Mr. Illyas Muhammad	Inspector of Mines, Sargodha.
11.	Mr. Zahid Mahmood	Inspector of Mines, Rawalpindi.
12.	Mr. Rana Nasrullah Khan	Assistant Director, Mining Development Cell, Lahore.
13.	Mr. Rana Khalid Mehmood	Cess Officer (Hqr.), Lahore.
14.	Mr. Muzzammil Akhtar Khan	Assistant Director (Electrical), Punjab School of Mines, Katas.
15.	Mr. Qutab-ud-Din	Assistant Director (Training), Punjab School of Mines, Katas.
16.	Mr. Muhammad Sarwar	Budget Officer, Lahore.
17.	Mr. Sibghat Ullah	Principal, Mine Survey Institute, Makerwal.
18.	Mr. Naseer Ahmed	Lecturer (Physics), Punjab School of Mines, Katas.



Sr. No.	Name of Officer	Designation
19.	Mr. Amjad Hussain	Lecturer (Mathematics), Mine Survey Institute, Makerwal.
20.	Mr. Muhammad Saleem	Senior Research Officer, Mine Sample Testing Laboratory, Khushab. (Officiating basis).
21.	Mr. Muhammad Kabir	Jr. Inspector of Mines, Khushab.
22.	Mr. Mustafa Raza	Rescue Instructor, Mines Rescue & Safety Sub- Station, Choa Saiden Shah.
23.	Mr. Azam Sohail	Jr. Inspector of Mines, Mianwali.
24.	Ch. Muhammad Ashraf	Jr. Inspector of Mines, Jhelum.
25.	Mr. Naeem Ullah	Lecturer (English), Mine Survey Institute, Makerwal. (Proceeded on deputation in Higher Education Department w.e.f. 11.10.2012)
26.	Mr. Yasin Sultan Khan	Statistical Officer, Lahore.
27.	Mr. Muhammad Aslam	Jr. Inspector of Mines, Dera Ghazi Khan.
28.	Mr. Muhammad Shafi	Research Officer, Mine Sample Testing Laboratory, Khushab.
29.	Mr. Tahir Ali	Rescue Instructor, Mine Rescue & Safety Station, Khushab.
30.	Mian Afzal Hussain	Jr. Inspector of Mines, Sargodha.
31.	Mr. Muhammad Shahbaz	Assistant Director (Training), Punjab School of Mines, Katas.
32.	Mr. Abuzar Ghaffari	Assistant Director (Mechanical), Punjab School of Mines, Katas.
33.	Mr. Mushtaq Ahmad	Lecturer (Mathematics), Punjab School of Mines, Katas.
34.	Mr. Khurram Shahzad	Lecturer (Economics), Punjab School of Mines, Katas.
35.	Mr. Qamar Bashir	Head Draftsman (Hqr.), Lahore.
36.	Mr. Muhammad Yasin	Head Draftsman (Hqr.), Lahore.
37.	Mr. Naeem-ud-Din Akhtar Bhatti	Survey & Drawing Officer (Hqr), Lahore.
38.	Mian Iqbal Ahmed	Survey & Drawing Officer, Sargodha.



Sr. No.	Name of Officer	Designation
39.	Mr. Aziz-ur-Rehman	Survey & Drawing Officer, Mine Survey Institute, Makerwal.
40.	Mr. Muhammad Zafar Iqbal	Electrical & Mechanical Foreman, Training Mine, Katas.
41.	Mr. Muhammad Ashfaq	Administrative Officer (Hqr.), Lahore.
42.	Mr. Atta-ur-Rehman	Office Superintendent (Hqr.), Lahore.
43.	Mr. Tahir Abbas Khan	Survey & Drawing Officer, Katas.
44.	Mr. Muhammad Zubair	Survey & Drawing Officer, Katas.
45.	Mr. Ghulam Murtaza	Electrical & Mechanical Foreman, Training Mine, Katas.
46.	Mr. Tas Muhammad Shah	Survey & Drawing Officer, Rawalpindi.
47.	Miss Nadia Najaf	Translator, Mining Development Cell, Lahore.
48.	Mr. Kishwer Nand	Computer Instructor, Punjab School of Mines, Katas.
49.	Mr. Arshad Hameed	Sr. Instructor (Electrical), Training Mines, Katas.
50.	Mr. Musarrat Ali	Sr. Scale Stenographer (Hqr.), Lahore.
51.	Mr. Imran Shahzad	English Teacher, Punjab School of Mines, Katas.
52.	Mr. Masood Ahmed Shah	Sr. Laboratory Technician, Mine Sample Testing Laboratory, Khushab.
53.	Malik Noor Khan	Office Superintendent (Hqr.), Lahore.
54.	Mr. Muhammad Hassan	Office Superintendent, Punjab School of Mines, Katas.



## 3.1.1 The officers promoted during the year, 2013:

Sr. No.	Name of Officer/Official	Designation		With Effect From
		From	To	
1.	Mr. Muhammad Hassan	Stenographer, O/o. Rescue Superintendent, Mine Rescue & Safety Station, Khushab.	Office Superintendent, Punjab School of Mines, Katas. (Officiating basis.)	14.06.2013
2.	Mr. Malik Noor Khan	Assistant, O/o. Inspector of Mines, Sargodha.	Office Superintendent (Hqr.), Lahore.	01.11.2013
3.	Mr. Muhammad Saleem Anwar Ghouri	Deputy Chief Inspector of Mines, Punjab, Lahore.	Chief Inspector of Mines, Punjab, Lahore.	31.12.2013

## 3.1.2 The officers transferred and posted during the year, 2013:

Sr. No.	Name of Officer	Designation		With Effect From
		From	To	
1.	Mr. Muhammad Siddique Ch.	Director, Punjab School of Mines, Katas.	Officer on Special Duty (OSD) at Mines & Minerals Department.	09.03.2013
2.	Mr. Zahid Mahmood	Jr. Inspector of Mines, Rawalpindi.	Inspector of Mines, Rawalpindi. (In his own pay & scale basis)	26.06.2013
3.	Mr. Muhammad Hassan	Office Superintendent, Punjab School of Mines, Katas.	Office Superintendent Special Duty at Mine Rescue & Safety Station, Khushab for a period of three (3) months.	28.10.2013

## 3.1.3 The officers held Additional Charge during the year, 2013:

Sr. No.	Name & Designation of the Officer	Additional Charge	With Effect From
1.	Mr. Sibghat Ullah, Principal, Mine Survey Institute, Makerwal.	Rescue Instructor Mine Rescue & Safety Sub-Station, Makerwal.	05.01.2013



2.	Mr. Muhammad Yaqoob, Deputy Director, Punjab School of Mines, Katas.	Director, Punjab School of Mines, Katas. (As Mr. Muhammad Siddique Ch. was made OSD)	09.03.2013
3.	Mr. Muhammad Yaqoob, Deputy Director, Punjab School of Mines, Katas.	Mine Manager, Training Mines, Katas.	13.03.2013
4.	Hafiz Hamid Iqbal, Training Officer (Hqr.), Lahore.	Inspector of Mines (Hqr.), Lahore.	10.04.2013
5.	Mr. Naseer Ahmed, Lecturer (physics), Punjab School of Mines, Katas.	Assistant Professor (Physics), Punjab School of Mines, Katas.	02.09.2013
6.	Mr. Muhammad Siddique, Director, Mining Development Cell, Lahore.	Deputy Chief Inspector of Mines, Punjab, Lahore.	04.12.2013

3.1.4 The appointment was made on contract basis:

Sr. No.	Name	Appointed As	With Effect From
1.	Mr. Muhammad Saleem Anwar Ghouri, Deputy Chief Inspector of Mines, Punjab.	Chief Inspector of Mines, Punjab.	04.12.2013

3.1.5 The officers remained on Earned Leave/Ex-Pakistan/Extra Ordinary Leave during the year under report:

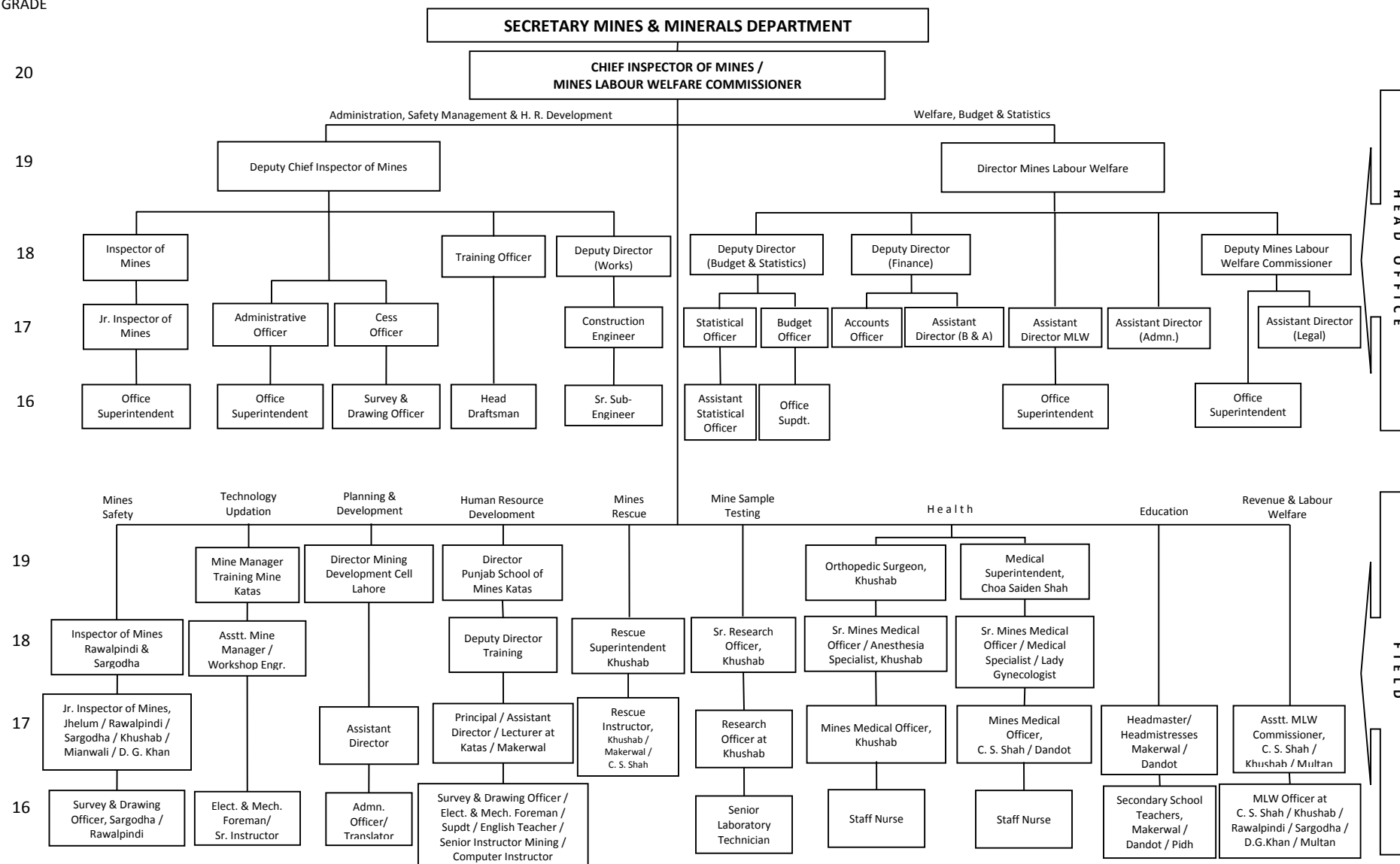
Sr. No.	Name of Officer	Ex-Pakistan/Extra Ordinary/ Earned Leave		Remarks
		From	To	
1.	Mr. Muhammad Sarwar, Budget Officer (Hqr.), Lahore.	22.02.2013	06.04.2013	Forty four (44) days' earned leave on full pay.
2.	Mr. Muhammad Kabir, Jr. Inspector of Mines, Khushab.	23.12.2013	16.01.2014	Twenty four (24) days' Ex-Pakistan/earned leave on full pay to perform Umrah.
3.	Mr. Muhammad Saleem, Sr. Research Officer, Mine Sample Testing Laboratory, Khushab.	13.10.2013	18.11.2013	Forty Seven (47) days' Ex-Pakistan/earned leave on full pay for performing Hajj.
4.	Mr. Atta-ur-Rehman, Office Superintendent, Lahore.	25.03.2013 07.07.2013	30.06.2013 03.11.2013	Two hundred and eighteen (218) days' earned leave on full pay on medical grounds.



- 3.1.6 Mr. Muhammad Aslam, Administrative Officer, Mining Development Cell, Lahore got retired w.e.f. 10.01.2013 on attaining the age of superannuation.
- 3.1.7 Mr. Amjad Sohail Gill, Inspector of Mines (Hqr.), Lahore got retired on attaining the age of his superannuation w.e.f. 09.02.2013.
- 3.1.8 Mr. Yasin Sultan Khan, Statistical Officer was deputed to look-after the duty of Budget Officer during forty four (44) days' earned leave of Mr. Muhammad Sarwar, Budget Officer w.e.f. 22.02.2013 to 06.04.2013.
- 3.1.9 Mr. Muhammad Tehzib Hassan Ansari, Chief Inspector of Mines, Punjab proceeded on superannuation retirement w.e.f. 31.08.2013.
- 3.1.10 Mr. Muhammad Saleem Anwar Ghouri, Deputy Chief Inspector of Mines, Punjab was assigned the look-after charge of the post of Chief Inspector of Mines, Punjab w.e.f. 01.09.2013 on superannuation retirement of Mr. Muhammad Tehzib Hassan Ansari. He was appointed as Chief Inspector of Mines, Punjab on Current Charge basis w.e.f. 04.12.2013 up to the date of his superannuation i.e. 31.12.2013. He was promoted on regular basis as Chief Inspector of Mines, Punjab on 31.12.2013 and also proceeded on superannuation retirement on the same day.

**3.2 Organizational Chart of the Chief Inspectorate of Mines, Punjab during the Year, 2013**

GRADE



**3.3 Grade-Wise Strength of Inspectorate of Mines, Punjab**

BASIC PAY SCALES	NO. OF POSTS AS ON 31.12.2013		
	HEADQUARTER	FIELD PFFICES	TOTAL
20	1	-	1
19	2	3	5
18	3	8	11
17	5	29	34
16	6	15	21
15	1	-	1
14	7	21	28
13	-	1	1
12	9	22	31
11	1	3	4
10	-	28	28
9	5	7	12
8	-	2	2
7	11	33	44
6	-	1	1
5	2	22	24
4	6	26	32
3	-	4	4
2	1	-	1
1	15	80	95
<b>Total:</b>	<b>75</b>	<b>305</b>	<b>380</b>





### 3.4 Distribution of Permanent/Temporary Posts of Inspectorate of Mines, Punjab for the Year, 2013

#### 3.4.1 Office of the Chief Inspector of Mines, Punjab, Lahore

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Chief Inspector of Mines	20	1	-	1
Deputy Chief Inspector of Mines	19	1	-	1
Director Mines Labour Welfare	19	-	1	1
Training Officer	18	1	-	1
Inspector of Mines	18	1	-	1
Deputy Director (Budget & Statistics)	18	1	-	1
Junior Inspector of Mines	17	1	-	1
Statistical Officer	17	1	-	1
Budget Officer	17	1	-	1
Cess Officer	17	1	-	1
Head Draftsman	17	1	-	1
Survey & Drawing Officer	16	1	-	1
Administrative Officer	16	1	-	1
Office Superintendent	16	2	-	2
Assistant Statistical Officer	16	1	-	1
Head Draftsman	16	1	-	1
Senior Scale Stenographer	15	1	-	1
Assistant	14	3	-	3
Camera Operator	14	1	-	1
Statistical Assistant	11	1	-	1
Budget Assistant	11	1	-	1
Mine Surveyor	14	-	1	1
Stenographer	12	9	-	9
Senior Draftsman	11	1	-	1
Surveyor	09	1	-	1
Senior Clerk	09	4	-	4
Junior Clerk	07	10	-	10
Projector Operator	07	1	-	1
Wireless Operator	05	1	-	1
Tracer	05	1	-	1
Driver	04	5	1	6



Daftri	02	1	-	1
Cameraman Helper	01	1	-	1
Naib Qasid	01	9	-	9
Chainman	01	2	-	2
Chowkidar	01	1	-	1
Sweeper	01	2	-	2
<b>Total:</b>		<b>72</b>	<b>3</b>	<b>75</b>

**3.4.2 Office of the Director, Mining Development Cell, Lahore**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Director	19	1	-	1
Assistant Director	17	2	-	2
Administrative Officer	16	1	-	1
Translator	16	1	-	1
Assistant Librarian cum Audio Visual Assistant	14	1	-	1
Mechanical Draftsman	13	1	-	1
Stenographer	12	4	-	4
Computer Operator	11	1	-	1
Senior Clerk	09	1	-	1
Junior Clerk	07	1	-	1
Driver	04	1	-	1
Book Binder	03	1	-	1
Naib Qasid	01	2	-	2
Chowkidar	01	1	-	1
Mali	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>21</b>	<b>-</b>	<b>21</b>

**3.4.3 Office of the Director, Punjab School Of Mines, Katas**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Director	19	1	-	1
Deputy Director	18	2	-	2
Assistant Director	17	7	-	7
Lecturer Physics	17	1	-	1



### Section-III

### Staff Strength



Lecturer Economics	17	1	-	1
Lecturer Chemistry	17	-	1	1
Lecturer Mathematics	17	-	1	1
Lecturer Islamiyat & Pakistan Studies	17	-	1	1
Survey & Drawing Officer	16	2	-	2
Senior Instructor Mining	16	1	-	1
Electrical & Mechanical Foreman	16	1	-	1
Superintendent	16	1	-	1
Computer Instructor	16	-	1	1
English Teacher	16	1	-	1
Instructor Mining	14	2	-	2
Assistant Librarian	14	1	-	1
Mine Surveyor	14	1	-	1
Computer Operator	14	1	-	1
Head Clerk	14	1	-	1
Account Assistant	10	1	-	1
Stenographer	12	2	-	2
Electrician	10	1	-	1
Mechanic	10	1	-	1
Model Maker	10	1	-	1
Physical Instructor	09	1	-	1
Junior Clerk	07	2	-	2
Cashier	05	1	-	1
Projector Operator	06	1	-	1
Store Keeper	05	1	-	1
Driver	04	3	-	3
Store Attendant	03	1	-	1
Workshop Helper	03	2	-	2
Naib Qasid	01	4	-	4
Chowkidar	01	2	-	2
Cleaner	01	1	-	1
Mali	01	1	-	1
Cook	01	3	-	3
Sweeper	01	2	-	2
<b>Total:</b>		<b>55</b>	<b>4</b>	<b>59</b>

**3.4.4 Office of the Mine Manager, Training Mine For Mine Supervisors & Mining Technicians, Katas**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Mine Manager	19	1	-	1
Assistant Mine Manager	18	1	-	1
Workshop Engineer	18	1	-	1
Electrical & Mechanical Foreman	16	1	-	1
Senior Instructor	16	-	1	1
Electrical Sub Engineer	14	3	-	3
Mine Surveyor	14	1	-	1
Material Superintendent	14	1	-	1
Account Assistant	11	1	-	1
Stenographer	12	1	-	1
Mine Sirdar	10	1	-	1
Timbering Supervisor	08	2	-	2
Safety Lamp Room Incharge	07	1	-	1
Pipe Layer Fitter	07	1	-	1
Miner	07	12	-	12
Typist	07	1	-	1
Time Keeper	05	1	-	1
Store Keeper	05	1	-	1
Rail Track Mistri	05	1	-	1
Compressor Driver	05	1	-	1
Electrician	05	1	-	1
Mechanic	05	1	-	1
Loco Driver	05	2	-	2
Driver	04	2	-	2
Haulage Driver	04	2	-	2
Haulage Attendant	01	1	-	1
Safety Lamp Room Attendant	01	2	-	2
Naib Qasid	01	3	-	3
Chowkidar	01	4	-	4
Sweeper	01	2	-	2
<b>Total:</b>		<b>53</b>	<b>1</b>	<b>54</b>

**3.4.5 Office of the Principal Mine Survey Institute, Makerwal**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Principal	17	1	-	1
Lecturer	17	2	-	2
Survey & Drawing Officer	16	1	-	1
Mine Surveyor	14	1	-	1
Stenographer	12	1	-	1
Senior Clerk	09	1	-	1
Junior Clerk	07	1	-	1
Driver	04	2	-	2
Cleaner	01	1	-	1
Cook	01	2	-	2
Attendant	01	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Mali	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>18</b>	<b>-</b>	<b>18</b>

**3.4.6 Office of the Senior Research Officer, Mine Sample Testing Laboratory, Khushab**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Senior Research Officer	18	1	-	1
Research Officer	17	2	-	2
Sr. Laboratory Technician	16	-	1	1
Laboratory Technician	14	3	-	3
Stenographer	12	2	-	2
Sr. Draftsman	11	1	-	1
Senior Clerk Cum Cashier	09	1	-	1
Store Keeper	05	1	-	1
Driver	04	1	-	1
Laboratory Attendant	04	4	-	4
Naib Qasid	01	2	-	2
Mali	01	1	-	1
Chowkidar	01	1	-	1



Sweeper	01	1	-	1
<b>Total:</b>		<b>21</b>	<b>1</b>	<b>22</b>

**3.4.7 Office of the Inspector of Mines, Sargodha**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Inspector of Mines	18	1	-	1
Junior Inspector of Mines	17	1	-	1
Survey & Drawing Officer	16	1	-	1
Assistant	14	1	-	1
Stenographer	12	2	-	2
Senior Clerk	09	1	-	1
Junior Clerk	07	3	-	3
Wireless Operator	05	1	-	1
Tracer	05	1	-	1
Driver	04	1	-	1
Naib Qasid	01	3	-	3
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
Chainman	01	1	-	1
<b>Total:</b>		<b>19</b>	<b>-</b>	<b>19</b>

**3.4.8 Office of the Inspector of Mines, Rawalpindi**

NAME OF POST	BPS	NUMBER OF POSTS		
		PERMANENT	TEMPORARY	TOTAL
Inspector of Mines	18	1	-	1
Jr. Inspector of Mines	17	1	-	1
Survey & Drawing Officer	16	1	-	1
Assistant	14	1	-	1
Stenographer	12	2	-	2
Senior Clerk	09	1	-	1
Junior Clerk	07	2	-	2
Tracer	05	1	-	1
Driver	04	2	-	2
Naib Qasid	01	2	-	2
Chowkidar	01	1	-	1



Sweeper	01	1	-	1
Chainman	01	1	-	1
<b>Total:</b>		<b>17</b>	<b>-</b>	<b>17</b>

**3.4.12 Office of the Junior Inspector of Mines, Khushab**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Junior Inspector of Mines	17	1	-	1
Stenographer	12	1	-	1
Junior Clerk	07	1	-	1
Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>7</b>	<b>-</b>	<b>7</b>

**3.4.11 Office of the Junior Inspector of Mines, Mianwali**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Junior Inspector of Mines	17	1	-	1
Stenographer	12	1	-	1
Senior Draftsman	11	1	-	1
Junior Clerk	07	1	-	1
Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>8</b>	<b>-</b>	<b>8</b>

**3.4.9 Office of the Junior Inspector of Mines, Jhelum**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Junior Inspector of Mines	17	1	-	1
Stenographer	12	1	-	1
Junior Clerk	07	1	-	1



Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>7</b>	<b>-</b>	<b>7</b>

**3.4.10 Office of the Junior Inspector of Mines, D. G. Khan**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Junior Inspector of Mines	17	1	-	1
Stenographer	12	1	-	1
Junior Clerk	07	1	-	1
Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>7</b>	<b>-</b>	<b>7</b>

**3.4.13 Office of the Rescue Superintendent, Mines Rescue & Safety Station, Khushab**

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Rescue Superintendent	18	1	-	1
Rescue Instructor	17	2	-	2
Stenographer	12	2	-	2
Assistant	14	1	-	1
Rescue Apparatus Technician	10	1	-	1
Crewman	10	10	-	10
Mechanic for Mechanical & Electrical Equipment	10	1	-	1
Senior Clerk	09	1	-	1
Projector Operator	07	1	-	1
Store Keeper	05	1	-	1
Telephone Attendant	05	3	-	3





Wireless Operator	05	1	-	1
Imam Masjid	05	1	-	1
Driver	04	2	-	2
Naib Qasid	01	3	-	3
Cleaner	01	1	-	1
Chowkidar	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>34</b>	<b>-</b>	<b>34</b>

#### 3.4.14 Office of the Rescue Instructor, Mines Rescue & Safety Sub-Station, Choa Saiden Shah, District Chakwal

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Rescue Instructor	17	1	-	1
Stenographer	12	1	-	1
Crewman	10	5	-	5
Mechanic for Mechanical & Electrical Equipment	10	1	-	1
Junior Clerk	07	2	-	2
Wireless Operator	05	1	-	1
Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Mali	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>16</b>	<b>-</b>	<b>16</b>

#### 3.4.15 Office of the Rescue Instructor, Mines Rescue & Safety Sub Station, Makerwal, District Mianwali

NAME OF POST	BPS	NUMBER OF POSTS		
		REGULAR	SNE	TOTAL
Rescue Instructor	17	1	-	1
Stenographer	12	1	-	1
Crewman	10	5	-	5



### Section-III

### Staff Strength



Mechanic for Mechanical and Electrical Equipment	10	1	-	1
Duty Clerk	07	1	-	1
Store Keeper	05	1	-	1
Wireless Operator	05	1	-	1
Driver	04	1	-	1
Naib Qasid	01	1	-	1
Chowkidar	01	1	-	1
Mali	01	1	-	1
Sweeper	01	1	-	1
<b>Total:</b>		<b>16</b>	<b>-</b>	<b>16</b>
<b>Grand Total:</b>		<b>371</b>	<b>9</b>	<b>380</b>



# SECTION-IV

## DIFFERENT BOARDS

### 4.1 Board of Examiners

The Board of Examiners was constituted vide Mines & Minerals Department's Notification No. SO(E)2-32/2002(P)-7311 dated 2<sup>nd</sup> February, 2010 as follows:

1.	Chief Inspector of Mines, Punjab, Lahore.	Chairman
2.	Engr. Rashid-ul-Qamar Khan, Ex-Chief Inspector of Mines, Punjab, Lahore.	Member
3.	Engr. Dildar Hussain, Ex-General Manager, Punjab Mineral Development Corporation, Lahore.	Member
4.	Engr. Khalid Aziz, Managing Director, M/s. Three Star Mining Co; House No. 32, 7-Avenue, F-6/1, Islamabad.	Member
5.	Deputy Chief Inspector of Mines, Punjab.	Secretary

There was no proceeding made in respect of Statutory Examinations by the Board during the year, 2013.

**4.2. Mining Board**

During the year under report the Mining Board which was constituted vide Mines & Minerals Department's notification No. SO(Estt.)2-8/2002 dated 12.12.2007 remained as under:

1. Secretary, Mines & Minerals Department, Government of the Punjab, Lahore.	Chairman nominated by Provincial Government under Clause (a) of Sub- Section (1) of Section-10.
2. Chief Inspector of Mines, Punjab.	Member nominated by the Provincial Government under Clause (b) <i>ibid</i> .
3. Mr. Amin-ud-Din, Chief Executive, M/s. Amin Brothers, Lions House, First Floor, 36-F, Gulberg-II, Main Market, Lahore.	Member nominated by the Mine Owners Association under Clause(d) <i>ibid</i> .
4. Mr. Khadim Hussain, Chief Executive, M/s. Malik Khadim Hussain Mines, 59-E-I, Gulberg-III, Lahore.	Member nominated by the Mine Owners Association under Clause(d) <i>ibid</i> .
5. Mr. Muhammad Khalid Pervaiz, Ex-Chief Inspector of Mines, Punjab, 18-B, Gulshan Ravi, Lahore.	Member
6. Mr. Nazir Ahmed S/o. Fazeer Muhammad, President, Workers & Staff Union, Makerwal Collieries, Makerwal.	Member nominated under clause (e) <i>ibid</i> (Representative of Mine Workers).
7. Malik Musaddiq Hussain Aslam, General Secretary, Miners Union, PMDC (Pvt.) Ltd; Khewra, District Jhelum.	Member nominated under Clause (e) <i>ibid</i> (Representative of Mine Workers).
8. Deputy Chief Inspector of Mines, Punjab.	Member / Secretary to the Mining Board.

The previous constitution of the Mining Board was expired on 12.12.2010 and the re-constitution remained under process with the Administrative Department during the year under report.

**4.3 Placement Board**

During the year, 2013, no meeting of Placement Board was held. However, the following Mining Engineers and Supervisors were referred to various mining firms for employment by the Chief Inspector of Mines, Punjab:

**4.3.1 Mining Engineers Referred to Mining Firms**

Sr. No.	Name of Mining Engineer	Name of Firm	Date
1.	Mr. Waqar Tariq, R/o. House No. 17-W, Scheme No. 03, Fareed Town, Sahiwal.	M/s. Katha Collieries (Pvt.) Ltd; Khushab.	25-01-2013
2.	Mr. Muhammad Tahir Jamil, R/o. P-186, St. No. 3, Chak No. 279 (R.B.) Khurd, P.O. Ghulam Muhammad Abad, Faisalabad.	M/s. Katha Digwell (Pvt.) Ltd; Khushab.	28 -02-2013
3.	Mr. Waqar Tariq, R/o. House No. 17-W, Scheme No. 03, Fareed Town, Sahiwal.	M/s. Wah Stone & Lime Quarry Dandot, District Chakwal.	12-06-2013
4.	Mr. M. Ahsan Saleem, R/o. House No. 23, Street No. 1, Larex Colony, Ghaziabad, Mughalpura, Lahore.	M/s. Ch. Atta Ullah Coal Collieries, Nulli, Distt. Khushab.	05-09-2013
5.	Mr. Atta-ur-Rehman, R/o. House No. 02, Kanwal Rah, Taj Bagh, Lahore Cantt.	M/s. Makerwal Collieries (Pvt.) Ltd; Makerwal, Distt. Mianwali.	05-09-2013
6.	Mr. Waseem Akram, R/o. Village Sheikhpur P.O. Barwal, Teh. Zafarwal. Distt. Narowal.	M/s. Zia & Ahmed Coal Collieries, Khushab.	12-09-2013
7.	Mr. Zeeshan Haider, Mohala Chah Bairwala, Ladhewala, Warhaich, Town Committee, Teh. & Distt. Gujranwala.	M/s. Makerwal Collieries (Pvt.) Ltd; Makerwal, Distt. Mianwali.	10-10-2013
8.	Mr. Rizwan Khan, R/o. Mohalla Allahwal Khel, P.O. Daud Khel, Teh. & Distt. Mianwali.	M/s. Maple Leaf Cement (Pvt.) Ltd; Iskandarabad, Mianwali.	28-10-2013
9.	Mr. Rizwan Khan, C/o. Sanaullah O/o. Jr. Inspector of Mines, Mianwali.	M/s. Bestway Cement Factory, Dulmial, Teh. Choa Saiden Shah, Distt. Chakwal.	06-11-2013
10.	Mr. Waseem Akram, R/o. Village Sheikhpur P.O. Barwal, Teh. Zafarwal. Distt. Narowal.	M/s. Ghani Salt Mine, Quaidabad, Distt. Khushab	07-11-2013
11.	Mr. Mirza Jahanzaib Khalid, R/o. 56-A, T&T Aabpara Housing Society, Green Acres, 8-K. from Thokar Niazbaig, Raiwand Road, Lahore.	M/s. Mustahkam Cement Factory. Farooqiya, Texila, District Rawalpindi.	07-11-2013



12.	Mr. Kashif Mahmood, R/o. 19, Arfat Colony, Bazar No. 01, Gujranwala City.	M/s. Pioneer Cement (Pvt.) Ltd; P.O. Box No. 50, Jauharabad, Distt. Khushab.	19-11-2013
13.	Mr. Zeeshan Haider, S/o. Rana Javed Akhter, Room No. 05, Sir Syed Hall, UET, Lahore.	M/s. Bestway Cement Factory, Dulmial, Teh. Choa Saiden Shah, Distt. Chakwal.	19-11-2013
14.	Mr. Waseem Akram, R/o. Village Sheikhpur P.O. Barwal, Teh. Zafarwal. Distt. Narowal.	M/s. Marhaba Minerals Co. (Pvt.) Ltd, Vill. & P.O. Choa Saiden Shah, District Chakwal.	30-12-2013
15.	Mr. Khobaib Rehman, S/o. Abdul Hakeem C/o. Gorish Medical Store, P.O. Kala, Teh. & Distt. D G Khan.	M/s. Bestway Cement Factory, Dulmial, Teh. Choa Saiden Shah, Distt. Chakwal.	30-12-2013

#### 4.3.2 Mining Supervisors/Associate Engineers Referred to Mining Firms

Sr. No.	Name of Mining Supervisor/ Diploma Holder	Name of Firm	Date
1.	Mr. Muhammad Waqas Pervaiz, House No. 370/794, Bostan Colony, Faisalabad.	M/s. Maple Leaf Cement, Sikandarabad, Distt. Mianwali.	29-04-2013
2.	Mr. Sultan Amir, Mohallah Eid Gahah, P.O. Lawa, Teh. Talagang, Distt. Chakwal.	M/s. Fuji Cement Factory, Near Village Jang, The. Fatehjang, Distt. Attock.	28-05-2013
3.	Mr. Sabeeh-ul-Haq, House No. 17, St. No. 1, Anjum Street, Muslim Road, Sanda, Lahore.	M/s. Askari Cement, Wah Distt. Rawalpindi.	27-06-2013
4.	Mr. Muhammad Naveed, Mohallah Lal Parwana, Teh. Jampur, Distt. Rajanpur.	M/s. Makerwal Collieries (Pvt.) Ltd; Makerwal, Distt Mianwali.	28-10-2013
5.	Mr. Kaleem Ullaha Khan, S/o. Sardar Khan C/o. Punjab School of Mines, Katas Distt. Chakwal.	M/s. Bestway Cement Factory, Dulmial, Teh. Choa Saiden Shah, Distt. Chakwal.	25-11-2013



# SECTION-V

## INITIATIVES

### 5.1 Safety Council

With a view to effectively monitor and control mine accidents, a Safety Council was constituted vide Notification No. CIM-SC(M)/98/4818 dated 04.04.1998, representing different regions/institutions/organizations relating to mineral sector with the following terms:

- i. To review mine accident cases with the sole purpose to suggest remedial measures for the suppression of re-occurrence of such incidents.
- ii. To review the cases of Mine Occupational Diseases and suggest preventive measures so as to suppress the spreading of such diseases.
- iii. To inculcate amongst the employer and employees the spirit of safety without effecting the productivity and develop full awareness on the use of personal protective and other safety equipment.
- iv. Generally to advise the Chief Inspectorate of Mines on all matters of safety which otherwise are not explicitly provided in the law.
- v. The Council should meet at least once in three months.
- vi. The Regional Inspectors shall present the cases without mentioning the name of the company.
- vii. The presentation shall cover the introduction of the Mining Operations, their extent and general Management practices being observed. Moreover the information about accidents, their possible causes.
- viii. The Council shall there-upon, take stock of the incidents and shall make recommendation for adopting preventive measures.
- ix. The Council shall act as advisory Body only.

#### 5.1.1 The Council consisted as follows:

- |  |          |
|--|----------|
| 1. Chief Inspector of Mines, Punjab, Lahore.   | Chairman |
| 2. Sardar Farooq Hayat Khan, Chairman,<br>Pakistan Mine Owners Association & Managing Director<br>M/s. Wah Stone Industries (Pvt.) Ltd; Hazara Road, Hassan Abdal, Distt:<br>Attock. | Member   |



3. Mr. Muhammad Rafique, Chief Mining Engineer, Punjab Mineral Development Corporation, 2 <sup>nd</sup> Floor, Alfalah Building, Shahrah-e-Quaid-e-Azam, Lahore.	Member
4. Syed Ghulam Abbas Shah, Chief Mining Engineer, M/s. Pakistan Mineral Development Corporation, 13-H/9, Islamabad.	Member
5. Mr. Rashid ul Qamar Khan, Ex-Chief Inspector of Mines, Punjab, A-27/B, Khurshid Alam Road, Lahore Cantt.	Member
6. Mr. Khalid Aziz, Managing Director, M/s. Three Star Mining Co; House No.32, F-6/1, 7 <sup>th</sup> Avenue, Islamabad.	Member
7. Mr. Naeem Tahir, Chief Executive, M/s. A. Majid & Co; Choa Saiden Shah, District Chakwal.	Member
8. Sh. Aitezaz Ahmed Khan, Managing Director, M/s. Ghani Mines, 49-Shadman Market, Shadman Colony, Lahore.	Member
9. Mr. Haroon Ghani Cheema, Chief Executive, M/s. Haroon Mines (Pvt.) Ltd; Suite No.19, 3rd Floor, Aurega Complex Main Boulevard, Gulberg, Lahore.	Member
10. Rana Muhammad Tayyab, Professor, Mining Engineering Department, University of Engineering & Technology, Lahore.	Member
11. Mr. Amir Hussain, Miner/Mine Sardar, Kala Bagh Salt Mines, Kalabagh, District Mianwali.	Member
12. Mr. Muhammad Bakhsh, Crewman, Mines Rescue & Safety Station, Khushab.	Member
13. Mr. Abdul Shakoor, Section Manager, Makerwal Collieries, Makerwal, District Mianwali.	Member
14. Mr. Abdul Qayyum Khan, Ex-President, Makerwal Collieries, P.O. Makerwal, District Mianwali.	Member
15. Director Mining Development, Lahore.	Member/ Secretary

5.1.2 The Mine accidents in the past were inquired into by the Inspectors of Mines and defaulting management was prosecuted. With a view to suppress the re-occurrence of accidents, a tripartite Safety Council was constituted wherein a detailed analysis on accidents was prepared and presented. All factors basically leading to the cause of accidents were identified and remedial measures were adopted. The Safety Council has so far endeavored on the alternative materials for substitution of





Keekar timber being used as support underground in mines. The Keekar wood is rare and also of sub-quality. The studies have also been undertaken for use of high explosive in Salt Mines keeping in view the enhanced safety and productivity. The Council has also undertaken detailed studies on the geological variance, which contribute to the occurrence of accidents. The Safety Council has also been able to design standard brakes for use in haulage and likewise the size and kind of ropes to be used on haulage.

5.1.3 No meeting of Safety Council was held during the year under report.

## **5.2 Annual Calendar**

Each field office has designed its Annual Task Calendar showing various activities to be carried out throughout the year matching with time. The same practice has also been extended to the Section level at Headquarters office which is very much helpful for channelization of activities among different sections, projects and field offices.

## **5.3 Targets Setting and Close Monitoring of Office Work**

Each functional unit of the Inspectorate is assigned full year targets on the basis of “Annual Task Calendars” made by field officers and sectional heads of the Headquarters office. The performance of each Section is reviewed in monthly target evaluation meetings and completion level of each task is evaluated with percentage marks. This brings consistency in self responsibility amongst the employees of the department and ensure quick disposal of official assignments. The target achievements during the year under report remained between the limits of 82% to 99.6% detail of which is enclosed as Annexure 12 to 23.

## **5.4 Organized Touring**

The functions of the Inspectors of Mines are regulatory and require mine inspections and inquiries into accidents. To have a check on field staff, the routine inspections and touring of all officers is organized by assigning them the areas to be inspected in a year on monthly basis and also the days of inspection in each week are fixed. This brings close monitoring of the field staff, organized inspection of mines and completion of targets fixed for each officer as well as disposal of Labour Complaints. Tour Rosters are enclosed as Annexure-24 & 25.

## **5.5 Quality Inspection**

With a view to improve the quality of inspection, the inspection proforma of Mine Inspection and Laboratory check was improved and elaborated for detailed information. The results on the proforma provided a strong base to check the quality of inspection.



### 5.6 Group Insurance of Mine Workers for Payment of Compensation

State Life Insurance Corporation was involved in introducing the Group Insurance of Mine workers for payment of compensation. The payment of premium per worker or per ton was settled with the State Life Insurance and the package was circulated to all mine owners for adoption. Only a few firms have adopted this scheme.

### 5.7 Cost Awareness

Each Inspecting Officer has been provided a designed proforma to actually record the expenditure connected with his activities so that the officer may realize by himself how much he is costing on the public exchequer and can compare with the output. Same philosophy is conveyed to the mine workers, managers and engineers for shifting the mining operations on cost effective basis. Average cost of inspections of the reporting year is enclosed at Annexure-26.

### 5.8 Mining & Ecology

Mining has generally been considered as an eco-enemy but this department feels that it can be made eco-friendly provided organized regular plantation programmes are adopted at departmental projects and also at mines. This campaign was found successful. Likewise the waste disposal and control on affluent from mines, noise and emission of smokes due to spontaneous heating was also being controlled.

### 5.9 Attitude of the Officers and Staff

The inspecting staff was not only told to shift their attitude from coercive measures to adopt a facilitating role but also required to demonstrate. During their inspections they should shift their strategy from fault finding to fact findings and also to suggest remedies for corrective operationality. The Counseling of Mine workers during the course of inspections has been made as the basis of inspection.

### 5.10 Anti-Dengue Campaign

Dengue is an infectious disease of the tropics transmitted by striped Aedes Aegypti mosquitoes and is characterized by sudden fever and causing rash and aching head and joints. Dengue hemorrhagic fever is a more severe form of the viral illness. After being bitten by a mosquito carrying the virus, the incubation period ranges from three (3) to fifteen (15) days before the signs and symptoms of dengue appear in stages.

Because dengue fever is caused by a virus, there is no specific medicine or antibiotic available to treat. Also, there is currently no vaccine available for dengue fever. The prevention of dengue fever

requires control or eradication of the mosquitoes that are carrying the virus that causes dengue. The Epidemic of Dengue Viral Infections had spread severely throughout the province, especially in Lahore, affecting thousands of people with dozens lead to death.

As per vision of the Government to eradicate the Aedes Aegypti mosquitoes and their breeding sites, two Anti-Dengue Days were observed during the year under report i.e. on Saturday, 27<sup>th</sup> July and 18<sup>th</sup> August, 2013 in the Chief Inspectorate of Mines, Punjab. Headquarters and field offices remained open. Officers and staff performed activities as follows:

- I. Cleanliness and especially dryness of room coolers and flower beds.
- II. Spray in the office premises for elimination of mosquito and its breeding.
- III. Dengue awareness seminars with multimedia presentations and video display.
- IV. Dengue awareness walks.



Cleanliness and especially dryness of room coolers on 27<sup>th</sup> July, 2013.



Anti-Dengue Spray within the office premises for elimination of mosquito and its breeding sites on 27<sup>th</sup> July, 2013.



Mr. Muhammad Saleem Anwar Ghouri (Deputy Chief Inspector of Mines) and Mr. Riaz Ahmed Ch. (Director Mines Labour Welfare) inspecting the expected mosquito breeding sites within the office premises on 27<sup>th</sup> July, 2013.



Anti-Dengue Workshop dated 27<sup>th</sup> July, 2013





Cleanliness and especially dryness of room coolers on Anti-Dengue Day i.e. 18<sup>th</sup> August, 2013.



Mr. Muhammad Tehzib Hassan Ansari, Chief Inspector of Mines, Punjab inspecting the office premises and giving instructions on Anti-Dengue Day i.e. 18<sup>th</sup> August, 2013.



To create awareness amongst the employees of the department, a seminar was organized in which multimedia presentation was given and a video was displayed 18<sup>th</sup> August, 2013.



Dengue Awareness Walk at MSHAW Complex, Khushab on 18<sup>th</sup> August, 2013.



# SECTION-VI

## LABOUR FORCE

6.1 During the year 2013, the reported daily average number of persons working in or about the mines falling within the purview of the Mines Act, 1923 was 40808 as compared to 40529 during the year, 2012 which shows an increase of 279 workers. This information has been compiled on the basis of annual returns submitted by the mining firms in conformity with Regulations 3 of the Coal Mines Regulations, 1926 and Metalliferous Mines Regulations, 1926.

6.2 The number of men and women employed underground, open cast working and on surface are given below:

Years →	Males			Females		
	2013	2012	2011	2013	2012	2011
Underground	19170	19529	19935	-	-	-
Open cast working	15125	15006	15706	-	-	94
Surface	6489	5970	5999	24	24	-
<b>Total:-</b>	<b>40784</b>	<b>40505</b>	<b>41640</b>	<b>24</b>	<b>24</b>	<b>94</b>

6.3 The number of persons employed in different classes of mines is given below:-

Years →	Males			Females		
	2013	2012	2011	2013	2012	2011
Coal	19615	19968	20850	-	-	94
Metalliferous and Non-metalliferous	24169	20537	20790	24	24	-
<b>Total:-</b>	<b>40784</b>	<b>40505</b>	<b>41640</b>	<b>24</b>	<b>24</b>	<b>94</b>

6.4 Full details of number of persons employed in coal mines and other than coal mines are given at Annexure-27, 28 & 29. The district/mineral wise labour force in mining industry of Punjab, reported during the year, 2013, is enclosed at Annexure-30.

6.5 The February Returns were also received about the number of persons who were actually at work or prevented from work on the selected day in February, 2013. These returns relate only



to coal mines. The date of such returns must be the day of the week selected by the Chief Inspector of Mines in advance in which there is large turn-out of workers. This year, the selected week was the 17<sup>th</sup> to 23<sup>rd</sup> February, 2013. This is a requirement under Regulation 3(4) of the Coal Mine Regulations, 1926 which read as under:-

*"On or before the 1<sup>st</sup> day of March in each year the Owner, Agent or Manager of every mine shall forward to the Chief Inspector of Mines in duplicate a return in Form-II-A. The figures given in the returns shall relate to that day on which the number of persons attending work was highest during such week in February of that year as is selected in advance by the Chief Inspector of Mines".*

6.6 Total mining population of coal mines in Punjab in selected week is exhibited at Annexure-31.

6.7 The Labour Force in Mining Industry of Punjab during the years 2004 to 2013 is as under:

Minerals	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Arg. Clay	257	368	399	423	416	459	326	390	546	<b>1784</b>
Bauxite	47	48	55	44	52	17	37	46	36	<b>36</b>
Bentonite	106	78	115	129	163	63	113	138	139	<b>67</b>
Celestite	-	-	6	3	5	4	-	-	-	-
China Clay	6	5	6	8	8	9	17	23	11	-
Coal	18225	18694	19139	19083	20223	20570	20442	20944	19968	<b>19615</b>
Dolomite	78	14	42	63	67	39	45	18	196	<b>11</b>
Fire Clay	283	298	398	369	447	286	616	392	400	<b>466</b>
Fuller Earth	14	5	6	4	-	-	-	-	-	<b>1</b>
Gravel	-	-	16	-	-	24	-	59	-	<b>20</b>
Gypsum	1684	1308	1413	1373	1346	1366	1455	1659	1422	<b>1425</b>
Iron Ore	56	25	109	86	149	160	110	164	148	<b>121</b>
Laterite	14	-	7	28	49	56	51	58	39	<b>22</b>
Limestone	7117	7650	8237	8253	8281	8305	7718	7210	5151	<b>4950</b>
Marble	-	7	10	36	23	14	10	-	-	<b>10</b>
Ocher	43	68	171	83	64	63	60	75	103	<b>93</b>
Ord. Sand	2766	2561	1000	985	867	-	-	-	-	-
Sand Stone	6027	6061	6549	6681	5902	5081	4695	4828	6844	<b>6643</b>
Rock Salt	3489	3477	3521	3439	3783	3555	3781	3692	4072	<b>4081</b>
Silica Sand	471	295	356	512	450	2249	2028	2038	1454	<b>1463</b>
Tar Sand	-	-	20	-	-	-	-	-	-	-
<b>Total:-</b>	<b>40683</b>	<b>40962</b>	<b>41575</b>	<b>41602</b>	<b>42295</b>	<b>42320</b>	<b>41504</b>	<b>41734</b>	<b>40529</b>	<b>40808</b>

# SECTION-VII

## OUTPUT OF MINERALS

### 7.1 Coal

7.1.1 The production of Coal reportedly produced during the year, 2013 was 519053 tons as compared to 599221 tons during the previous year. There is an increase of 80168 tons in production, which shows the percentage increase at the rate of 13% in the production of Coal Mining Industry of Punjab as compared to the previous year.

7.1.2 Most of the coal mines in the Private Sector of Punjab province are still worked by the conventional manual system while in the Public Sector transportation of Coal underground as well as on the surface have been mechanized to some extent. Private Sector is shy in this respect probably due to the fear of short-term mining leases. Moreover the extent of area granted to the Mine Owners also restricts the mechanization and extensive modern transportation system. Coal mining profession being hazardous in nature, the local labour is not attracted to join this industry.

7.1.3 The annual output of coal in tons per man-shift in the mining divisions of the province is shown as under:

Division	2013			2012		
	Output (in tons)	Daily Attendance	O.M.S.*	Output (in tons)	Daily Attendance	O.M.S.*
Rawalpindi	335737	12006	0.14	348195	12169	0.14
Sargodha	183316	7609	0.12	251025	7799	0.16
<b>Total:-</b>	<b>519053</b>	<b>19615</b>	<b>0.13</b>	<b>599221</b>	<b>19968</b>	<b>0.15</b>

\* O.M.S. means output per man-shift and there are 200 working days during a year.

7.1.4 Most of the mining firms do not maintain their record and maps as required under the provisions of the Mines Act, 1923. The mining firms usually do not employ whole-time surveyors for maintaining their underground survey maps. Gradual advancement underground and its packing on the sides after the excavation of minerals in the process of





coal excavation with the long wall or room and pillar system leave no clue for the inspecting staff to examine and assess the actual production of coal made out of the mines.

7.1.5 As the dispatches are mostly made through roads, therefore, it becomes difficult for the inspecting staff to keep a watch round the clock over the dispatches and to detect the concealment made by some of the mining firms. On the basis of the argument placed above it will be fair enough to presume that the figures supplied by the mining firms are absolutely correct.

7.1.6 The coal marketing condition in Punjab during the year under review shows a satisfactory trend. Out of 519053 tons of coal production alongwith opening stock of 25154 tons, 511601 tons was dispatched by road as compared to 599221 tons raised and 602542 tons dispatched during the year, 2012.

7.1.7 The use of natural gas is rapidly diminishing the use of coal in allied industries. Now the coal is mainly used in brick kilns industry as it has a high ash content, volatile matter and sulphur. Its calorific value ranges between 9000 and 10000 British Thermal Units.

7.1.8 An analysis of figures relating to output of coal during the year under report is given at Annexure-32.

## 7.2 **Argillaceous Clay**

During the year under report the reported production of Argillaceous Clay was 6182006 tons as compared to 4466535 tons during the year, 2012.

## 7.3 **Bauxite**

During the year under report, the production of Bauxite has been reported as 16205 tons as compared to 20394 tons during the year, 2012. Major portion of it was utilized by Cement Corporations and other allied industries.

## 7.4 **Bentonite**

During the year under report, the production of Bentonite was reported as 5541 tons as compared to 4094 tons during the year, 2012.

## 7.5 **Brine**

During the year under report, the production of Brine was reported as 51148 tons as compared to 48284 tons during the previous year.





#### 7.6 China Clay

During the year, the reported production of China Clay was 4710 tons as compared to 7120 tons during previous year.

#### 7.7 Dolomite

During the year under report, the production of Dolomite was reported as 5250 tons as compared to 5340 tons during the year, 2012.

#### 7.8 Fireclay

During the year under report, the reported production of Fireclay was 341524 tons as compared to 235396 tons during the year, 2012. The Fireclay is mainly used for the manufacture of high temperature resistant Fireclay bricks and by the pottery Industry located in different cities of Punjab, mainly Gujrat, Gujranwala and Sialkot.

#### 7.9 Fuller's Earth

During the year 2013, the production of Gravel was reported as 522 tons whereas it was unreported during the previous year.

#### 7.10 Gravel

During the year under report, the production of Gravel was reported as 3420 tons as compared to 2850 tons during the year, 2012.

#### 7.11 Gypsum

During the year under report, the production of Gypsum was reported as 509927 tons as compared to 675617 tons during the year, 2012. Gypsum is mainly used in the manufacture of cement, plaster of Paris, sulphuric acid, gypso-boards (for low cost housing) and as a soil conditioner for the control of water logged and saline areas. Gypsum deposits are abundantly available in District Jhelum, Khushab, Mianwali, Attock and D.G.Khan of Punjab Province.

#### 7.12 Iron Ore

During the year under report, the production of Iron Ore was reported 131158 tons as compared to 23144 tons during the year, 2012.



### 7.13 Laterite

During the year under report, the production of Laterite was 41054 tons as compared to 66466 tons during the previous year.

### 7.14 Limestone

During the year under report, the production of Lime Stone was reported as 17076529 tons compared to 17385875 tons during the year, 2012. The Limestone is mainly used in the manufacturing of Cement and in the Sugar Industries. Poor quality of Lime Stone is used as Shingle in road making and construction purpose. Lime Stone is also being used in the Chemical Industries as Bleaching Agent.

### 7.15 Marble

During the year under report the production of Marble was “Nil” as not reported to this office.

### 7.16 Ocher

During the year under report the production of Ocher was 11538 tons as compared to 24329 tons during the year, 2012.

### 7.17 Ordinary Sand

The Mines Act is not applicable to the working of Ordinary Sand where less than 20 persons are employed on any day in or about such excavation. The Sand is picked-up from River parts, Nallas and Gorges, therefore, does not fall within the provisions of the Mines Act. However, there was no production reported to this office for the year, 2012.

### 7.18 Sand Stone

During the year under report, the production of Ordinary Stone was 14706198 tons as compared to 14180100 tons during the year, 2012. The Sand Stone is mainly used as road ballast and in construction work.

### 7.19 Rock Salt

During the year under report, the production of Rock Salt was reported as 1998238 tons as compared to 2033089 tons during the year, 2012. Most of the Rock Salt in the province of Punjab was produced by Pakistan Mineral Development Corporation through their mines located at Khewra, (District Jhelum) Warcha (District Khushab) and Kalabagh (District Mianwali). Major portion of Rock Salt was consumed for edible purposes but with the industrialization, the rates of consumption of



salt have also increased in the Tanneries, Ice Factories, Cold Storage, Soda Ash Factories and other Chemical Industries.

#### 7.20 Silica Sand

During the year under report, the production of Silica Sand was 124274 tons as compared to 160902 tons during the year, 2012. The Silica Sand is mainly used in Glass and Chemical Industries.

#### 7.21 Tar Sand

During the year under report, no production of Tar Sand was reported to this office.

7.22 This information is based on 1073 annual returns received from mining firms to this office whereas, 271 firms have not submitted their annual returns to show the annual production of minerals and other data for the year, 2013; and were prosecuted under Section 36 of the Mines Act, 1923. Some lease areas remain at transition state i.e. renewal, transfer and lease granting process etc. therefore, neither their returns receive to this office nor anyone is prosecuted for non-submission.

7.23 The district/mineral wise production in mining industry of Punjab, reported during the year, 2013, is enclosed at Annexure-33.



## 7.24 The Production of Different Minerals in Punjab for the Last 10 Years

(Figures in Tons)

Year →	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Name of Mineral	1	2	3	4	5	6	7	8	9	10
Arg. Clay	2372324	1537621	2035234	3661651	4620840	3566988	4526833	6794794	4466535	<b>6182006</b>
Bauxite	4166	4578	8269	36184	15260	4670	5922	7732	20394	<b>16205</b>
Bentonite	5785	8759	3753	4539	14991	5261	8830	5136	4094	<b>5541</b>
Brine	59109	52658	52728	-	-	-	-	-	48284	<b>51148</b>
Celestite	-	-	455	200	740	275	-	-	-	-
China Clay	934	2500	1200	9724	8000	6400	3770	5070	7120	<b>4710</b>
Coal	514350	916714	512425	486117	490845	547690	514044	581510	599221	<b>581511</b>
Dolomite	48887	4010	22900	55218	124631	25753	11085	4670	5340	<b>5250</b>
Fire Clay	166228	181125	246456	191196	234302	201836	244629	200677	235396	<b>341524</b>
Fuller Earth	360	880	50	40	-	-	-	-	-	<b>522</b>
Gravel	-	-	16500	-	-	1420	-	3070	2850	<b>3420</b>
Gypsum	269552	195714	307494	382141	453393	459796	546459	492020	675617	<b>509927</b>
Iron Ore	11411	9459	38641	53904	93374	96401	53108	26310	23144	<b>131158</b>
Laterite	49600	1423	1740	68883	50821	15210	45719	32817	66466	<b>41054</b>
Limestone	8146990	13348928	13530908	15800893	18410276	18711904	18369800	12902270	17385875	<b>17076529</b>
Marble	-	105	1330	2142	654	3090	1450	-	-	-
Ocher	5154	13205	49357	22888	17941	21236	20119	24415	24329	<b>11538</b>
Ord. Sand	757795	687080	314077	314320	286563	-	-	-	-	-
Sand Stone	10302500	10211600	11155523	16959295	18388038	13069412	12523500	16080000	14180100	<b>14706198</b>
Rock Salt	1744518	1912833	1521758	1597807	1342056	1754558	1772362	1752309	2033089	<b>1998238</b>
Silica Sand	121749	128040	189635	219805	192191	235043	253202	153426	160902	<b>124274</b>
Tar Sand	-	-	44536	-	-	-	-	-	-	-



# SECTION-VIII

## ELECTRIC POWER USED IN MINES

- 8.1 During the year under report, the Electric Power installed in mines was mainly used for:
- i. Ventilation
  - ii. Haulage
  - iii. Pumping
  - iv. Crushing/Grinding
  - v. Winding
  - vi. Lighting
  - vii. Portable machinery and other miscellaneous purposes
- 8.2 During the year 2013, the total Electric Power used in Coal Mines as well as in the other than Coal Mines was 16934 H.P. as compared to 16661 H.P. during the previous year.
- 8.3 An analysis of figures relating to aggregate electric power used on surface and below ground is given at Annexure-34.



# SECTION-IX

## EXPLOSIVES

9.1 During the year under report, the following types of explosives were used for drivage of adits in Coal Mines and for blasting of rocks on the surface in quarry operations:

- i. Blasting/Gun/Black Powder.
- ii. Emulite.
- iii. Ammonium Nitrate (ANFO).
- iv. Wabonite/White Powder.
- v. Wabofite.
- vi. Gelatine/Wabox.
- vii. Safety Fuse.
- viii. Wabocard.
- ix. Electric Detonator/Relay Detonator.
- x. Plain Detonator.
- xi. Dynamite.
- xii. Lehar
- xiii. Torex Breaker
- xiv. Super Blaster

9.2 An analysis of figures related to use of explosive in mines/quarries of Punjab during the year, 2013 is given at Annexure-35.



# SECTION-X

## ANNEXURES

### Annexure-1

#### MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY STATION, KHUSHAB FOR THE YEAR, 2013

Months	Regular Rescue Training Courses	Participants	Rescue Refresher Courses	Participants	Condensed Courses	Participants	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive	Meetings Attended	Diary	Despatch
January	1	10	-	-	-	-	-	-	-	-	-	37	78
February	1	10	-	-	-	-	-	-	-	-	1	24	76
March	3	28	-	-	-	-	-	-	-	-	1	33	47
April	1	10	-	-	-	-	-	-	-	-	1	15	59
May	1	10	-	-	-	-	-	-	-	-	-	17	177
June	3	34	-	-	-	-	-	-	-	-	-	17	72
July	1	12	-	-	-	-	-	-	-	-	-	10	35
August	-*	-	-	-	-	-	-	-	-	-	1	19	67
September	3	38	-	-	-	-	-	-	-	-	1	25	67
October	1	11	-	-	-	-	-	-	-	-	-	24	61
November	1	10	-	-	-	-	-	-	-	-	-	21	84
December	3	36	-	-	-	-	-	-	-	-	-	20	64
<b>Total:-</b>	<b>19</b>	<b>209</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>262</b>	<b>887</b>

\* There was no Regular Rescue Training Course held in the month of August due to Ramzan-ul-Mubarak.

**Annexure-2**

**LIST OF PARTICIPANTS OF REGULAR RESCUE TRAINING COURSES  
CONDUCTED AT MINES RESCUE & SAFETY STATION, KHUSHAB  
DURING THE YEAR, 2013**

Sr. No.	Name	Designation	Name of Firms
<b>Course No. 420 held from 01.01.2013 to 15.01.2013 at Khushab</b>			
1.	Mr. Luqman Hyder S/o. Noor Muhammad	Amani Worker	M/s. Amin Brothers, Khushab.
2.	Mr. Ahmad Iqbal S/o. Muhammad Ameer	Driller	M/s. Pioneer Cement Factory, Chinky.
3.	Mr. Muhammad Tahir S/o. Muhammad Saeed	Clerk	M/s. M. Fazal Haq & Co; Khushab.
4.	Mr. Ghulam Abbas S/o. Muhammad Imtiaz	Naib Qasid	Mine Rescue and Safety Station, Khushab.
5.	Mr. Muhammad Zahid Nazir S/o. Muhammad Nazir	Munshi	M/s. Katha Digwell, Khushab.
6.	Mr. Muhammad Wazir S/o. Ghulam Muhammad	Worker	M/s. Ghani Salt Mine, Quaidabad, Khushab.
7.	Mr. Muhammad Gul Baz S/o. Muhammad Riaz	Salt Cutter	M/s. Punjmin, Salt Mine, Mian Metha Area, Khushab.
8.	Mr. Khalid Mehmood S/o. Atta Muhammad	Munshi	M/s. Malik Coal Co; Khushab.
9.	Mr. Saif-ur-Rehman S/o. Abdul Rehman	Munshi	M/s. Rahman Coal Co; Khushab.
10.	Raja Nasir Mehmood S/o. Sad Ullah Khan	Haulage Operator	M/s. Punjmin, Khushab.
<b>Course No. 421 held from 04.02.2013 to 18.02.2013 at Khushab</b>			
1.	Mr. Sajid Hanif S/o. Muhammad Hanif	Survey Assistant	M/s. PMDC Salt Mines, Warcha.
2.	Mr. Muhammad Wazeer S/o. Ghulam Muhammad	Worker	M/s. Al-Muhandas Corporation; Quaidabad.
3.	Mr. Muhammad Bashir S/o. Mian Muhammad	Munshi	M/s. M. Fazal Haq & Co; Khushab.
4.	Mr. Muhammad Azam S/o. Muhammad Afzal	Worker	M/s. Punjmin, Salt Mine, Mian Metha Area, Khushab.
5.	Mr. Imran Shah S/o. Ghulam Murtaza Shah	Munshi	M/s. Hayat-ul-Mir Mines, Khushab.
6.	Mr. Zahid Mumtaz S/o. Muhammad Mumtaz	Helper	M/s. Muhammad Amin Brothers, Khushab.
7.	Mr. Muhammad Aziz Kahlid S/o. Ch. Kahlid Mehmood	Munshi	M/s. Rahman Coal Co; Khushab.





8.	Mr. Muhammad Zahid Nazeer S/o. Muhammad Nazeer	Munshi	M/s. Katha Digwel, Khushab.
9.	Mr. Nobahar S/o. Muhammad Mumtaz	Coal Cutter	M/s. Katha Collieries, Khushab.
10.	Mr. Ahmad Sher S/o. Muhammad Sher	Foreman	M/s. Sangha Brothers, Salt Mine, Khushab.
<b>Course No. 422 held from 04.03.2013 to 18.03.2013 at Khushab</b>			
1.	Mr. Abdul Naeem Hussain S/o. Abdul Hamid Shah	Clerk	M/s. M. Fazal Haq & Co; Khushab.
2.	Mr. Arif Abbas S/o. Sher Muhammad	Worker	M/s. Malik Coal Co; Khushab.
3.	Mr. Amir Badshah S/o. Shah Behram	Mine Sirdar	M/s. Katha Digwel, Khushab.
4.	Raja Ashiq Husain S/o. Raja Muhammad Sharif	Munshi	M/s. Ch. Coal Co; Khushab.
5.	Mr. Muhammad Wazir S/o. Ghulam Muhammad	Worker	M/s. Ghani Salt Mines, Quaidabad.
6.	Mr. Sajid Hussain S/o. Muhammad Sadiq	Loader Operator	M/s. Punjmin, Salt Mine, Khushab.
7.	Mr. Muhammad Faisal S/o. Muhammad Nawaz	Munshi	M/s. Rahman Coal Co; Khushab.
8.	Mr. Abid Hussain S/o. Fida Hussain	Electrician	M/s. Punjmin, Slat Mine, Khushab.
9.	Mr. Javaid Iqbal S/o. Muhammad Khan	Time Keeper	M/s. Punjmin, Salt Mine, Warcha.
10.	Mr. Muhammad Younas S/o. Muhammad Yousaf	Clerk	M/s. Sangha Brothers, Salt Mine, Khushab.
<b>Course No. 423 held from 12.03.2013 to 26.03.2013 at Makerwal</b>			
1.	Mr. Sabir Hussain Shah S/o. Ghulam Rasool	Safety Lamp Issuer	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Imranullah Khan S/o. Noor Gul	Timekeeper	M/s. Makerwal Collieries, Makerwal.
3.	Mehr Wali Khan S/o. Shadi Khan	Timekeeper	M/s. Makerwal Collieries, Makerwal.
4.	Mr. M. Khalid Masood S/o. Abdul Rasool	Timekeeper	M/s. Makerwal Collieries, Makerwal.
5.	Mr. Zafarullah Khan S/o. Shaista Khan	Mine Sirdar	M/s. Makerwal Collieries, Makerwal.
6.	Mr. Ghulam Muhammad S/o. Din Muhammad	Electrician	M/s. Makerwal Collieries, Makerwal.
7.	Mr. Shahwali Khan S/o. Adam Khan	Safety Lamp Issuer	M/s. Makerwal Collieries, Makerwal.
8.	Mr. Moazam Din S/o. Ghulam Dastageer	Timekeeper	M/s. Makerwal Collieries, Makerwal.
9.	Mr. Amir Muhammad S/o. Yar Muhammad	Worker	M/s. Makerwal Collieries, Makerwal.
10.	Mr. Asmatullah S/o. Khan Zaman	Timekeeper	M/s. Makerwal Collieries, Makerwal.
11.	Mr. Muhammad Irfan S/o. M. Ashraf	Timekeeper	M/s. PMDC Salt Mine, Kalabagh.
12.	Mr. Muhammad Altaf S/o. M. Mushtaq	Timekeeper	M/s. PMDC Salt Mine, Kalabagh.



Course No. 424 held from 12.03.2013 to 26.03.2013 at C.S. Shah			
1.	Mr. Zarayat Hussain S/o. Abdul Malik	Miner	M/s. PMDC Salt Mine, Khewra.
2.	Mr. Amjad Nawaz S/o. Rub Nawaz	Mine Sirdar	M/s. Wah Stone & Lime Quarry, Dandot.
3.	Mr. Ishfaq Jilani S/o. Muhammad	Electrician Helper	M/s. Haroon Salt Mines, Toba.
4.	Mr. Jamshid Akbar S/o. Ghulam Akbar	Mining Engineer	M/s. Punjab Coal Co; Choa Saiden Shah.
5.	Mr. Umair Azam S/o. Muhammad Azam	Supervisor	M/s. Saqib Coal Co; Choa Saiden Shah.
6.	Mr. Iltaf Hussain Shah S/o. Muhammad Nawaz Shah	Supervisor	M/s. Aziz Inam & Co; Choa Saiden Shah.
Course No. 425 held from 01.04.2013 to 15.04.2013 at Khushab			
1.	Mr. Muhammad Akram S/o. Muhammad Nawaz	Worker	M/s. Amin Brothers, Khushab.
2.	Mr. Muhammad Zahid Nazir S/o. Muhammad. Nazir	Munshi	M/s. Katha Digwell, Khushab.
3.	Mr. Mubashar ul Hassan S/o. Muhammad Younas	Short Firer	M/s. PMDC Salt Mines, Warcha.
4.	Rana Zia Ullah S/o. Rana Muhammad Ayub	Store Keeper	M/s. Rahman Coal Co; Khushab.
5.	Mr. Muhammad Wazir S/o. Ghulam Muhammad	Worker	M/s. Al-Muhandus Corp; Quaidabad.
6.	Mr. Asif Mehmood	Worker	M/s. Aziz Colliery, Khushab.
7.	Mr. Tanveer Ahmed S/o. Alamgeer	Worker	M/s. Punjmin, Salt Mine, Mian Mittha Area, Khushab.
8.	Mr. Muhammad Bashir S/o. Mian Muhammad	Munshi	M/s. M. Fazal Haq & Co; Khushab.
9.	Mr. Muhammad Atif S/o. Muhammad Latif	Store Clerk	M/s. Sangha Brothers, Salt Mine, Khushab.
10.	Mr. Muhammad Umar S/o. Muhammad Razzaq	Munshi	M/s. Ch. Coal Co; Khushab.
Course No. 426 held from 06.05.2013 to 20.05.2013 at Khushab			
1.	Mr. Mubarak Ali Shah S/o. Ahmad Shah	Quality Checker	M/s. Ghani Salt Mines, Quaidabad, Khushab.
2.	Mr. Muhammad Zahid Nazir S/o. Muhammad Nazir	Munshi	M/s. Katha Digwell, Khushab.
3.	Mr. Muhammad Mukhtar S/o. Ghulam Muhammad	Mine Sirdar	M/s. PMDC Salt Mines, Warcha, Khushab.
4.	Mr. Muhammad Ikram S/o. Muhammad Ramzan	Munshi	M/s. M. Fazal Haq & Co; Khushab.
5.	Mr. Abid Hussain S/o. Fida Hussain	Electrician	M/s. Punjmin, Khushab.
6.	Mr. Ghous Muhammad S/o. Khan Muhammad	Munshi	M/s. Punjmin, Salt Mine, Mian Mitha Area, Khushab.



7.	Mr. Muhammad Younos S/o. Muhammad Yousaf	Munshi	M/s. Sangha Salt Mines, Khushab.
8.	Mr. Muhammad Usman S/o. Muhammad Ismail	Munshi	M/s. Rehman Coal Co; Khushab.
9.	Mr. Ghazanfar Abbas Awan S/o. Muhammad Sher	Munshi	M/s. Hayat-ul-Mir mines, Khushab.
10.	Mr. Asif Mehmood S/o. Fateh Sher	Munshi	M/s. Aziz Collieries, Khushab.
<b>Course No. 427 held from 03.06.2013 to 17.06.2013 at Khushab</b>			
1.	Mr. Muhammad Ihsan S/o. Ali Muhammad	Amani Worker	M/s. Amin Brothers, Khushab.
2.	Mr. Abdul Naeem S/o. Abdul Hameed Shah	Clerk	M/s. M. Fazal Haq & Co; Khushab.
3.	Mr. Muhammad Zahid Nazir S/o. Muhammad Nazir	Munshi	M/s. PMDC Salt Mine, Warcha.
4.	Malik Waqas Ahmad S/o. Malik Muhammad Shair	Munshi	M/s. Rahman Coal Co; Khushab.
5.	Mr. Mubashir Hassan S/o. Muhammad Bashir	Munshi	M/s. Al-Muhandus Corp; Quaidabad.
6.	Syed Mubarak Shah S/o. Ahmad Shah	Quality Checker	M/s. Aziz Colliery, Khushab.
7.	Mr. Abid Hussain S/o. Safdar Ali	Munshi	M/s. Punjmin, Salt Mine, Mian Mittha Area, Khushab.
8.	Mr. Muhammad Awais Zafar S/o. Muhammad Zafar Hayat	Munshi	M/s. Zia Ahmad Coal Co; Khushab.
9.	Mr. Abid Hussain S/o. Naza Hussain	Electrician	M/s. Sangha Salt Mine, Khushab.
10.	Mr. Mudassar Hussain Shah S/o. Kosar Hussain Shah	Munshi	M/s. Ch. Coal Co; Khushab.
11.	Mr. Muhammad Sohail Hamza S/o. Noor Muhammad	Supervisor	M/s. PMDC Salt Mine, Warcha.
<b>Course No. 428 held from 04.06.2012 to 18.06.2012 at Makerwal</b>			
1.	Mr. Imtiaz Ahmed S/o. Gul Shamin	Mining Supervisor	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Gul Hameed Shah S/o. Gulwali Shah	Worker	-do-
3.	Mr. Tahir Nadeem S/o. Raheem Bakhsh	Worker	-do-
4.	Mr. Noor Hameed S/o. Dawat Khan	Mining Sirdar	-do-
5.	Mr. Umer Farooq S/o. Sirdar Ali	Worker	-do-
6.	Mr. Amir Nawaz S/o. Haq Nawaz	Worker	-do-
7.	Mr. Aurang Zaib S/o. Hazrat Gul	Worker	-do-
8.	Mr. Jawat Mir S/o. Anar Mir	Time Keeper	-do-
9.	Mr. Shafiullah S/o. Muhammad Khan	Surveyor	-do-
10.	Mr. M. Maqbool Ahmed Khan S/o. M. Abdul Qayyum	Surveyor	-do-



11.	Mr. Zawar Hussain S/o. Mureed Abbas	Worker	M/s. PMDC Salt Mines, Kalabagh.
12.	Mr. M. Mushtaq S/o. Meher Muhammad	Worker	-do-
<b>Course No. 429 held from 11.06.2013 to 25.06.2013 at Choa Saiden Shah</b>			
1.	Mr. Tawakli Khan S/o. Nadar Khan	Coal Cutter	M/s. Malik Ali Shan Co; Choa Saiden Shah.
2.	Raja Tariq Mehmood S/o. Raja Muhammad Khan	Munshi	M/s. Modern Engineering Corp; Dandot.
3.	Raja Muhammad Ashraf S/o. Mahad Jao	Supervisor	M/s. Marhaba Coal Co; Choa Saiden Shah.
4.	Mr. Sattar Muhammad S/o. Rana Muhammad Ayub	Supervisor	M/s. Haroon Salt Mines, Toba, Distt. Jhelum.
5.	Mr. Sultan Ameer S/o. Hayat Muhammad	Worker	M/s. Al-Muhandus Corp; Quaidabad.
6.	Mr. Abdul Rahim Shah S/o. Nazir Shah	Coal Cutter	M/s. Malik Ali Shan Coal Co. Choa Saiden Shah.
7.	Mr. Rehan Hussain S/o. Ejaz Ahmad Khan	Haulage Driver	M/s. Ali & Co; Choa Saiden Shah.
8.	Mr. Muhammad Usman S/o. Muhammad Azam	Supervisor	M/s. ICI Limited, Khewra.
9.	Mr. Muhammad Farooq Khan S/o. Muhammad Aslam	Mine Manager	M/s. ICI Limited, Khewra.
10.	Mirza Naveed Iqbal S/o. Mirza Zafar Iqbal	Supervisor	M/s. ICI Limited, Khewra.
11.	Mr. Tanveer Hussain S/o. Snobar Hussain	Jr. Tech.	M/s. Bestway Cement Ltd; Chakwal.
<b>Course No. 430 held from 24.06.2013 to 08.07.2013 at Khushab</b>			
1.	Mr. Muhammad Bashir S/o. Mian Muhammad	Munshi	M/s. M. Fazal Haq & Co; Khushab.
2.	Mr. Muhammad Safeer S/o. Allah Ditta	Clerk	M/s. Aziz Colliery, Khushab.
3.	Malik Noor Khan S/o. Sikandar Khan	Mate	M/s. Zia & Ahmad Coal Co; Khushab.
4.	Mr. Akhtar Nawaz S/o. Ghulam Muhammad	Worker	M/s. Katha Colliery, Khushab.
5.	Mr. Muhammad Wazir S/o. Ghulam Muhammad	Worker	M/s. Ghani Salt Mine, Quaidabad.
6.	Mr. Muhammad Younas S/o. Abdul Sattar	Munshi	M/s. Attullah Coal Co; Khushab.
7.	Mr. Muhammad Zahid Nazeer S/o. Muhammad Nazeer	Munshi	M/s. Katha Digwell, Khushab.
8.	Mr. Muhammad Sharafat Hussain S/o. Muhammad Hussain	Assistant Surveyor	M/S. PMDC Salt Mine, Warcha.



9.	Mr. Muhammad Ijaz S/o. Muhammad Riaz	Worker	M/s. Punjmin, Salt Mine, Mian Mittha Area, Khushab.
10.	Mr. Muhammad Younas S/o. Muhammad Yousaf	Munshi	M/s. Sangha Brothers, Salt Mine, Khushab.
11.	Mr. Muhammad Ramzan S/o. Khan Muhammad	Driver	M/s. Ch. Coal Co; Khushab.
12.	Raja Nasir S/o. Raja Saadullah Khan	Haulage Operator	M/s. Punjmin, Khushab.
<b>Course No. 431 held from 02.09.2013 to 16.09.2013 at Khushab</b>			
1.	Mr. Muhammad Bashir S/o. Mian Muhammad	Munshi	M/s. M. Fazal Haq & Co; Kushab.
2.	Mr. Shair Afzal S/o. Muhammad Feroz Khan	Constable	M/s. PMDC Salt Mines, Warcha.
3.	Mr. Khizar Hayat S/o. Moaj Din	Quality Checker	M/s. Ghani Salt Mine, Quaidabad.
4.	Mr. Siraj Hussain Bhutta S/o. Mian Muhammad Akbar	Mine Sirdar	M/s. Punjmin, Quaidabad.
5.	Mr. Muhammad Zahid Nazir S/o. Muhammad Nazir	Munshi	M/s. Katha Digwell, Khushab.
6.	Mr. Asif Mehmood S/o. Fateh Shair	Munshi	M/s. Aziz Colliery, Khushab.
7.	Mr. Muhammad Naveed S/o. Muhammad Tariq	Munshi	M/s. Atta Coal Company, Khushab.
8.	Mr. Muhammad Ikraam S/o. Khuda Bakash	Munshi	M/s. Allah Bukhsh & Sons, Khushab.
9.	Mr. Muhammad Younas S/o. Muhammad Yousaf	Munshi	M/s. Sangha Brothers, Salt Mine, Khushab.
10.	Mr. Muhammad Munir S/o. Allah Bukhsh	Time Keeper	M/s. Punjmin, Khushab.
11.	Mr. Muhammad Ehsan S/o. Muhammad Hayat	Chowkidar	M/s. Punjmin, Salt Mine, Khushab.
<b>Course No. 432 held from 09.09.2013 to 23.09.2013 at Makerwal</b>			
1.	Mr. Gul Wali Shah S/o. Habib Shah	Worker	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Kadir S/o. Janan Khan	Worker	-do-
3.	Mr. Zar Wali S/o. Azmat ullah	Worker	-do-
4.	Mr. Muhammad Naghman Iqbal S/o. Muhammad Iqbal	Worker	-do-
5.	Mr. Zafarullah S/o. Muhammad Khan	Helper	-do-
6.	Mr. Saifullah S/o. Shaista Khan	Time Keeper	-do-
7.	Mr. Ghulam Dastgheer S/o. Muhammad Sadiq	Electrician	-do-
8.	Mr. Absar Khan S/o. Abdul Jabbar Khan	Electrician	-do-
9.	Mr. Sirdar Khan S/o. Bahadar Khan	Worker	-do-



10.	Mr. Ameer Abdullah S/o. Ghulam Qadir	Worker	-do-
11.	Mr. Muhammad Haroon S/o. Ghulam Mehboob	Worker	-do-
12.	Mr. Munawar Din S/o. Gulla Din	Worker	-do-
<b>Course No. 433 held from 16.09.2013 to 30.09.2013 at Chao Saiden Shah</b>			
1.	Mr. Yasir Arfaat S/o. Ghulam Ilahi	Mine Manager	M/s. Fazal Din & Company, Choa Saiden Shah.
2.	Mr. Muhammad Firdous S/o. Muhammad Feroz	Munshi	M/s. Haideria Collories, Munara, Choa Saiden Shah.
3.	Mr. Khurram Shahzad S/o. Raja Mukhtar Ahmad	Munshi	M/s. Kharasan Coal Co; Choa Saiden Shah.
4.	Mr. Abdul Qadir S/o. Muhammad Nasim	Supervisor	M/s. Iqbal Mineral Co; Choa Saiden Shah.
5.	Mr. Tanveer Hussain S/o. Sanoover Hussain	Jr. Tech.	M/s. Bastway Cement Factory, Tatral, Choa Saiden Shah.
6.	Mr. Arif Hussain S/o. Muhammad Aslam	Mine Sirdar	M/s. Punjmin, Katas, Distt: Chakwal.
7.	Mr. Sabir Hussain S/o. Fazal Din	Mine Sirdar	M/s. Malik Murtaza Coal Co; Choa Saiden Shah.
8.	Mirza Fiaz S/o. Mirza Allah Ditta	Gang Man	M/s. PMDC Salt Mines, Khewra.
9.	Mr. Noshawan S/o. Imam Din	Supervisor	M/s. Haroon Salt Mine, Toba.
10.	Mr. M. Zeeshan Anwar S/o. M. Gulistan Anwar	Supervisor	M/s. ICI Pakistan Limited, Khewra.
11.	Mirza Ameer Hussain S/o. Mirza Noor Hussain	Munshi	M/s. Punjmin, Khewra.
12.	Mr. Haq Nawaz S/o. Ghulam Muhammad	Mine Technician	M/s. ICI Pakistan Limited, Khewra.
13.	Mr. Adil Jan S/o. Muhammad Zameer	Coal Cutter	M/s. Dhan Wanhar Colliries, Munara.
14.	Mr. Muhammad Awais S/o. Aftab Hussain	Supervisor	M/s. Nazar & Company, Khewra.
15.	Mr. Amir Rizwan S/o. Mehrban Khan	Mine Sirdar	M/s. Malik Murtaza Coal Company, Choa Saiden Shah.
<b>Course No. 434 held from 01.10.2013 to 15.10.2013 at Khushab</b>			
1.	Mr. Sajid Hussain S/o. Muhammad Qadeer	Assistant Surveyor	M/s. PMDC Salt Mines, Warcha.
2.	Mr. Sabir Hussain S/o. Surkhro Khan	Munshi	M/s. M. Fazal Haq & Co; Khushab.
3.	Mr. Shams-ul-Hayat S/o. Sawab Shah	Mine Sirdar	M/s. Zia & Ahmed Coal Company, Khushab.
4.	Mr. Asif Mehmood S/o. Fateh Sher	Clerk	M/s. Aziz Collieries Khushab.
5.	Mr. Muhammad Zahid Nazir S/O. Muhammad Nazir	Munshi	M/s. Katha Digwell, Khushab.



6.	Mr. Muhammad Bashir S/o. Mian Muhammad	Munshi	M/s. M. Fazal Haq & Co; Khushab.
7.	Mr. Muhammad Ismail S/o. Muhammad Jamil	Pump Operator	M/s. Al-Mohandus Corporation, Quaidabad, Khushab.
8.	Mr. Muhammad Riaz S/o. Muhammad Bashir	Amani Worker	M/s. Muhammad Amin Brothers (Pvt.) Ltd, Khushab.
9.	Mr. Abid Hussain S/o. Fida Hussain	Electrician	M/s. Punjmin, Khushab.
10.	Mr. Hamad-ul-Hassan S/o. Abdul Razzaq	Munshi	M/s. Ali Coal Company, Khushab.
11.	Mr. Fiaz Rasool S/o. Ghulam Rasool	Munshi	M/s. Malik Coal Company, Khushab.
<b>Course No. 435 held from 04.11.2013 to 18.11.2013 at Khushab</b>			
1.	Mr. Muhammad Iqbal S/o. Liaqat Ali	Munshi	M/s. M. Fazal Haq & Co; Khushab.
2.	Mr. Ghayoor Raza S/o. Ghulam Hussain Shah	Time Keeper	M/s. PMDC Salt Mines, Warcha.
3.	Mr. Muhammad Riaz S/o. Ahmed Yar	Pump Operator	M/s. Ghani Salt Mines, Quaidabad.
4.	Mr. Abid Hussain S/o. Fida Hussain	Electrician	M/s. Punjmin, Khushab.
5.	Mr. Muhammad Zahid Nazir S/o. Muhammad Nazir	Munshi	M/s. Katha Digwell, Khushab.
6.	Mr. Habib Nawaz S/o. Atta Muhammad	Munshi	M/s. Ch. Coal Co; Khushab.
7.	Mr. Muhammad Ansar S/o. Ahmed Sher	Worker	M/s. Atta Coal Company, Khushab.
8.	Mr. Muhammad Ramzan S/o. Sirdar	Pump Operator	M/s. Punjmin, Quaidabad.
9.	Mr. Mubashar Hussain S/o. Nazar Hussain	Munshi	M/s. Allah Bukhsh Coal Company, Khushab.
10.	Mr. Aamir Mehmood S/o. Atta Muhammad	Munshi	M/s. Sangha Brothers, Salt Mine, Khushab.
<b>Course No. 436 held from 02.12.2013 to 16.12.2013 at Khushab</b>			
1.	Mr. Irshad Hussain S/o. Khan Muhammad	Munshi	M/s. M. Fazal Haq & Co; Khushab.
2.	Mr. Muhammad Riaz S/o. Ahmed Yar	Operator	M/s. Al-Mohandus Corporation, Quaidabad.
3.	Mr. Muhammad Imran Farooq S/o. Muhammad Yaqoob	Munshi	M/s. Allah Bukhsh Coal Company, Khushab.
4.	Mr. Asif Mehmood S/o. Fateh Sher	Clerk	M/s. Aziz Collieries, Khushab.
5.	Mr. Shah Muhammad S/o. Noor Muhammad	Driver	M/s. Zia & Ahmed Coal Company, Khushab.
6.	Mr. Muhammad Hamad Sharif S/o. Muhammad Sharif	Munshi	M/s. Katha Digwell, Khushab.
7.	Mr. Jamshid Akbar Qaisrani S/o. Ghulam Akbar Qaisrani.	Engineer	M/s. Muhammad Amin Brothers, Khushab.
8.	Mr. Muhammad Younas S/o. Muhammad Yousaf	Munshi	M/s. Sangha Brothers, Salt Mine, Khushab.



9.	Mr. Ghous Muhammad S/o. Khan Muhammad	Munshi	M/s. Punjmin, Salt Mines, Khushab.
10.	Malik Muhammad Safdar S/o. Moula Bukhsh	Munshi	M/s. Punjmin, Khushab.
<b>Course No. 437 held from 09.12.2013 to 23.12.2013 at Makerwal</b>			
1.	Mr. Muhammad Bashir S/o. Muhammad Azeem	Assistant Surveyor	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Zafrullah S/o. Muhammad Jan	Assistant Surveyor	-do-
3.	Mr. Muhammad Asif S/o. Gulab Muhammad	Assistant Surveyor	-do-
4.	Mr. Muhammad Akramullah S/o. Hayatullah	Assistant Surveyor	-do-
5.	Mr. Mozab Din S/o. Ghulam Dastgeer	Assistant Surveyor	-do-
6.	Mr. Shams-ul-Zaman S/o. Fakhar-ul-Zaman	Time Keeper	-do-
7.	Mr. Rehmatullah S/o. Khan Zaman	Time Keeper.	-do-
8.	Mr. Muhammad Kamran S/o. Asmatullah	Worker	-do-
9.	Mr. Abdullah Khan S/o. Lal Khan	Worker	-do-
10.	Mr. Mansoor Ahmed Khan S/o. Abdul Sattar Khan	Worker	-do-
11.	Mr. Muhammad Asif Iqbal S/o. Muhammad Akram	Worker	-do-
12.	Mr. Atta Rasool S/o. Ghulam Rasool	Time Keeper	M/s. PMDC Salt Mines, Kalabagh.
13.	Mr. Hazoor Ahmed S/o. Noor Ahmed	Worker	-do-



**Annexure-3****MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY SUB-STATION, MAKERWAL FOR THE YEAR, 2013**

Months	Rescue Refresher Courses	Participants	Regular Rescue Courses arranged for MR&SS, KHB	Participants	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive	Meetings Attended	Diary	Despatch
January	1	5	-	-	-	-	-	-	-	12	55
February	1	5	-	-	-	-	-	-	-	11	22
March	1	5	1	12	-	-	-	-	-	9	23
April	1	5	-	-	-	-	-	-	-	8	31
May	1	5	-	-	-	-	-	-	-	8	22
June	1	5	1	12	-	-	-	-	1	12	63
July	1	5	-	-	-	-	-	-	-	8	18
August	1	5	-	-	-	-	-	-	-	10	17
September	1	5	-	-	-	-	-	-	1	6	25
October	1	5	-	-	-	-	-	-	-	12	15
November	1	5	-	-	-	-	-	-	-	9	25
December	1	5	1	13	2	10	-	10	2	11	28
<b>Total:-</b>	<b>12</b>	<b>60</b>	<b>3</b>	<b>37</b>	<b>2</b>	<b>10</b>	<b>-</b>	<b>10</b>	<b>4</b>	<b>116</b>	<b>344</b>

\* One accident was occurred at M/s. Makerwal Collieries Ltd; Makerwal on December 4, 2013 in which ten (10) workers convicted by explosion and rescued alive. Afterwards, three (3) of them lost their lives.

**Annexure-4**

**LIST OF PARTICIPANTS OF RESCUE REFRESHER TRAINING COURSES  
CONDUCTED AT MINES RESCUE & SAFETY SUB-STATION, MAKERWAL  
DURING THE YEAR, 2013**

Sr. No.	Name	Designation	Name of Firms
<b>Course No. 204 held from 28.01.2013 to 30.01.2013</b>			
1.	Mr. Gul Tiaz	Safety Lamp Issuer	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Samiullah	Safety Lamp Worker	-do-
3.	Mr. Muhammad Yausaf	Safety Lamp Worker	-do-
4.	Mr. Sher Zaman	Worker	-do-
5.	Mr. Muhammad Akram	Worker	-do-
<b>Course No. 205 held from 23.02.2013 to 25.02.2013</b>			
1.	Mr. Gul Tiaz	Safety Lamp Issuer	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Ashiq Hussain	Worker	-do-
3.	Mr. Muhammadd Hafeez	Safety Lamp worker	-do-
4.	Mr. Mani Khan	Explosive Carrier	-do-
5.	Mr. Muhammad Akram	Safety Lamp Issuer	-do-
<b>Course No. 206 held from 02.03.2013 to 04.03.2013</b>			
1.	Mr. Khan Zaman	Worker	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Ghulam Jan	Worker	-do-
3.	Mr. Rab Nawaz	Worker	-do-
4.	Mr. Jahan Khan	Worker	-do-
5.	Mr. Ghulam Mustafa	Assistant Surveyor	-do-
<b>Course No. 207 held from 28.04.2013 to 30.04.2013</b>			
1.	Mr. Khalid Ameen	Mine Sirdar	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Hafeez	Assistant Surveyor	-do-
3.	Mr. Ghulam Mustafa	Assistant Surveyor	-do-
4.	Mr. Muhammad Ikram	Safety Lamp Issuer	-do-
5.	Mr. Muhammad Yousaf	Safety Lamp Mechanic	-do-
<b>Course No. 208 held from 29.05.2013 to 31.05.2013</b>			
1.	Mr. Muhammad Akram	Worker	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Ayub	Assistant Surveyor	-do-
3.	Mr. Muhammad Ghafoor	Time Keper	-do-
4.	Mr. Muhammad Bashir	Assistant Surveyor	-do-
5.	Mr. Muhammad Yousaf	Safety Lamp Mechanic	-do-
<b>Course No. 209 held from 28.06.2013 to 30.06.2013</b>			
1.	Mr. Asmatullah	Worker	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Mehrab Gul	Worker	-do-



3.	Mr. Misal Khan	Explosive Carrier	M/s. Makerwal Collieries, Makerwal.
4.	Mr. Shah Wali Khan	Safety Lamp Issuer	-do-
5.	Mr. Asadullah	Safety Lamp Mechanic	-do-
<b>Course No. 210 held from 27.07.2013 to 29.07.2013</b>			
1.	Mr. Muhammad Akram	Worker	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Farooq Abdullah	Explosive Carrier	-do-
3.	Mr. Mani Khan	Explosive Carrier	-do-
4.	Mr. Samiullah	Explosive Carrier	-do-
5.	Mr. Muhammad Bashir	Worker	-do-
<b>Course No. 211 held from 27.08.2013 to 29.08.2013</b>			
1.	Mr. Shafiullah	Surveyor	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Amir Nawaz	Worker	-do-
3.	Mr. Tahir Nadeem	Worker	-do-
	Mr. Gul Hameed	Worker	
	Mr. Janat Mir	Worker	
<b>Course No. 212 held from 28.09.2013 to 30.09.2013</b>			
1.	Mr. Imtiaz Ahmed	Surveyor	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Gul Hameed Shah	Worker	-do-
3.	Mr. Tahir Nadeem	Worker	-do-
4.	Mr. Noor Hameed	Worker	-do-
5.	Mr. Umer Farooq	Worker	-do-
<b>Course No. 213 held from 28.10.2013 to 30.10.2013</b>			
1.	Mr. Farooq Abdullah	Explosive Carrier	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Samiullah	Explosive Carrier	-do-
3.	Mr. Muhammad Bashir	Survey Worker	-do-
4.	Mr. Mani Khan	Explosive Carrier	-do-
5.	Mr. Muhammad Akram	Worker	-do-
<b>Course No. 214 held from 28.11.2013 to 30.11.2013</b>			
1.	Mr. Farooq Abdullah	Explosive Carrier	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Mani Khan	Explosive Carrier	-do-
3.	Mr. Muhammad Akram	Worker	-do-
4.	Mr. Ashiq Hussain	Worker	-do-
5.	Mr. Missal Kahn	Explosive Carrier	-do-
<b>Course No. 215 held from 28.12.2013 to 30.12.2013</b>			
1.	Mr. Farooq Abdullah	Explosive Carrier	M/s. Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Hanif	Assistant Surveyor	-do-
3.	Mr. Muhammad Absar Khan	Worker	-do-
4.	Mr. Ashiq Hussain	Explosive Carrier	-do-
5.	Mr. Muhammad Akram	Worker	-do-

**Annexure-5****MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY SUB-STATION, CHOA SAIDEN SHAH FOR THE YEAR, 2013**

Months	Rescue Refresher Courses	Participants	Regular Rescue Courses arranged for MR&SS Kb.	Participants	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued/Alive	Meetings Attended	Diary	Despatch
January	1	9	-	-	-	-	-	-	1	16	60
February	1	5	-	-	-	-	-	-	-	15	60
March	1	3	1	6	-	-	-	-	-	20	85
April	1	6	-	-	-	-	-	-	-	12	42
May	1	5	-	-	-	-	-	-	-	16	49
June	1	4	1	11	-	-	-	-	6	13	99
July	1	5	-	-	-	-	-	-	-	19	48
August	1	5	-	-	-	-	-	-	2	23	66
September	1	5	1	15	-	-	-	-	2	24	100
October	1	6	-	-	-	-	-	-	2	15	43
November	1	8	-	-	-	-	-	-	-	18	63
December	1	3	1	13	-	-	-	-	1	11	92
<b>Total:-</b>	<b>12</b>	<b>64</b>	<b>4</b>	<b>45</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>202</b>	<b>807</b>

**Annexure-6**

**LIST OF PARTICIPANTS OF RESCUE REFRESHER TRAINING COURSES  
CONDUCTED AT MINES RESCUE & SAFETY SUB-STATION, CHOA SAIDEN SHAH,  
DURING THE YEAR, 2013**

Sr. No.	Name	Designation	Name of Firms
<b>Course No. 211 held from 29.01.2013 to 30.01.2013</b>			
1.	Mr. Muhammad Saleem S/o. Dost Muhammad	Gang Man	M/s. PMDC Salt Mine, Khewra.
2.	Mr. Suhail Hmayoun S/o. Muhammad Nazir	Mine Sirdar	M/s. Al-Noor Coal Co; Choa Saiden Shah.
3.	Mr. Muhammad Abdul Latif S/o. Sultan Khan	Mine Sirdar	M/s. Haroon Salt Mines, Toba.
4.	Mr. Amjad Nawaz S/o. Rab Nawaz	Mine Sardar	M/s. Wah Stone & Lime Quarry, Dandot.
5.	Mr. Sabtul Hassain S/o. Tasaddaq Hussain	Supervisor	M/s. Nazar & Co; Khewra.
6.	Mr. Ali Zeshan S/o. Haji Abid	Supervisor	M/s. Nazar & Co; Khewra.
7.	Mr. Ali Imran S/o. Muhammad Younos	Supervisor	M/s. Nazar & Co; Khewra.
8.	Mr. Ali Hussain S/o. Kanran Hussain	Supervisor	M/s. Nazar & Co; Khewra.
9.	Mr. Iftikhar Hussain S/o. Niaz Ali	Mate	M/s. Ghulam Hussain Shah Coal Co; Bashrat.
<b>Course No. 212 held from 26.02.2013 to 27.02.2013</b>			
1.	Mr. Muhammad Muntaz S/o. Fazal Muhammad	Salt Cutter	M/s. Haroon Salt Mine, Toba.
2.	Mr. Muhammad Shafiq Akbar S/O. Ghulam Akbar	Supervisor	M/s. Iqbal Mineral Co; Choa Saiden Shah.
3.	Mr. Muhammad Iqbal S/o. Muhammad Hayat	Mine Sirdar	M/s. Malik Khadim Hussain Salt & Coal Mines Owner Khewra.
4.	Mr. Aqeel Razak S/o. Abdul Razak	Haulage Operator	M/s. Modern Engineering Corporation, Dandot.
5.	Mr. Tasawar Hussain S/o. Muhammad Khan	Coal Cutter	M/s. Pasban Coal Co; Nali Area, Choa Saiden Shah.
<b>Course No. 213 held from 27.03.2013 to 28.03.2013</b>			
1.	Mr. Zarayat Hussain S/o. Abdul Malik	Miner	M/s. PMDC Salt Mine, Khewra.
2.	Mr. Ghulam Abbas S/o. Muhammad Hayat	Mine Sirdar	M/s. Karasn Coal Co; Choa Saiden Shah.
3.	Mr. Muhammad Abdul Raouf S/o. Muhammad Farooq Azam	Mine Sirdar	M/s. Pasban Coal Co; Nali Area, Choa Saiden Shah.



Course No. 214 held from 29.04.2013 to 30.04.2013			
1.	Mr. Abdul Raheem S/o. Nazir Shah	Coal Cutter	M/s. Malik Ali Shah & Co; Choa Saiden Shah.
2.	Mr. Masoom Shah S/o. Nazir Shah	Coal Cutter	M/s. Malik Ali Shah & Co; Choa Saiden Shah.
3.	Mr. Tawakal Khan S/o. Nadar Khan	Coal Cutter	M/s. Malik Ali Shah & Co; Choa Saiden Shah.
4.	Mr. Shah Nawaz S/o. Noor Zaman	Mine Sirdar	M/s. Kharasan Coal Co; Choa Saiden Shah.
5.	Mr. Sajid Zaman S/o. Muhammad Akram	Jr. Technician	M/s. Best Way Cement Factory, Tatral, Choa Saiden Shah.
6.	Mr. Altaf Hussain Shah S/o. Muhammad Nawaz Shah	Supervisor	M/s. Aziz Inaam & Co; Choa Saiden Shah.
Course No. 215 held from 28.05.2013 to 29.05.2013			
1.	Mr. Imran Nazir S/o. Muhammad Nazir	Munshi	M/s. Al-Noor Coal Co; Choa Saiden Shah.
2.	Mr. Muhammad Waqas S/o. Muhammad Iqbal	Supervisor	M/s. Punjab Coal Co; Choa Saiden Shah.
3.	Mr. Liaqat Hussain S/o. Muhammad Nawaz	Clerk	M/s. Haroon Salt Mines, Toba, Jhelum.
4.	Malik Muhammad Inayat S/o. Malik Ali Muhammad	Mine Sirdar	M/s. Malik Khadim Hussain, Salt Mines, Peer Khara, Jhelum.
5.	Mr. Zarait Hussain S/o. Abdul Maalik	Supervisor	M/s. Nazar & Co; Khewra, Jhelum.
Course No. 216 held from 27.06.2012 to 28.06.2012			
1.	Mr. Zulfiqar Ahmed S/o. Mehmood Ahmed	Mine Sirdar	M/s. Wah Stone & Lime Quarry, Dandot, Choa Saiden Shah.
2.	Malik Javed Ahmed S/o. Maqbool Hussain	Mine Sirdar	M/s. Malik Khadim Hussain, Salt Mine, Khewra, Jhelum.
3.	Mr. Ansar Iqbal S/o. Fazal Elahi	Mine Sirdar	M/s. Malik Murtaza Coal Co; Wahula, Chakwal.
4.	Mr. Javed Akhtar S/o. Fazl Muhammad	Face Misdtri	M/s. Dost Sons (Pvt.) Ltd; Khewra, Jhelum.
Course No. 217 held from 29.07.2013 to 30.07.2013			
1.	Mr. Gulistan Khan S/o. Rehmat Khan	Mine Sirdar	M/s. A-Majeed & Co; Choa Saiden Shah.
2.	Mr. Muhammad Ashraf S/o. Shams-ud-Din	Mine Sirdar	M/s. Ch. Zamurd Coal Co; Basharat.
3.	Mr. Muhammad Anar S/o. Haji Khuda Bukhsh	Mine Sirdar	M/s. Kharasan Coal Co; Choa Saiden Shah.
4.	Raja Akmal Kamal S/o. Raja Sherbaz Khan	Mine Sirdar	M/s. Super Punjab Coal Co; Dandot, Chakwal.



5.	Mr. Muhammad Saleem S/o. Dost Muhammad	Gang Man	M/s. PMDC Salt Mines, Khewra, Jhelum.
<b>Course No. 218 held from 28.08.2013 to 29.08.2013</b>			
1.	Mr. Muhammad Wasim Amir S/o. Muhammad Younas	Gang Man	M/s. PMDC Salt Mines, Khewra, Jhelum.
2.	Mr. Faiz Ullah Khan S/o. Gul Zang	Mine Mate	M/s. Malik Murtaza Coal Co; Wahula, Chakwal.
3.	Mr. Gulzar Ahmed S/o. Fazal Muhammad	Munshi	M/s. Malik Murtaza Coal Co; Wahula, Chakwal.
4.	Mr. Noshawan S/o. Imam Din	Mine Sirdar	M/s. Haroon Salt Mines, Toba, Jhelum.
5.	Malik Javed Ahmed S/o. Maqbool Hussain	Mine Sirdar	M/s. Malik Khadim Hussain, Salt Mine, Khewra, Jhelum.
<b>Course No. 219 held from 25.09.2013 to 26.09.2013</b>			
1.	Mr. Muhammad Abdul Raouf S/o. Tahir Muhammad Farooq Azam	Mine Sirdar	M/s. Pasban Coal Co; Nali, Choa Saiden Shah.
2.	Mr. Naveed Ahmed S/o. Muhammad Bashir	Permit Manager	M/s. Al-Noor Coal Co; Choa Saiden Shah.
3.	Mr. Muhammad Ashraf S/o. Muhammad Ayub	Supervisor	M/s. Marhaba Coal Co; Choa Saiden Shah.
4.	Mr. Khiyal Akbar S/o. Ghuncha Gul	Coal Cutter	M/s. Ali Coal Co; Choa Saiden Shah.
5.	Mr. Aqeel Razaq S/o. Abdul Razaq	Machinery Operator	M/s. Modern Engineering Corp; Dandot, Chakwal.
<b>Course No. 220 held from 28.10.2013 to 29.10.2013</b>			
1.	Syed Ittifaq Hussain S/o. Liaqat Hussain Shah	Munshi	M/s. Ali Brothers Coal Mine Owner, Khewra, Jhelum.
2.	Mr. Ishfaq Jilani S/o. Muhammad Ramzan	Electrician	M/s. Haroon Salt Mines, Toba, Jhelum.
3.	Mr. Muhammad Khalil Khan S/o. Abdul Hussain Khan	Mine Sirdar	M/s. Aziz Inaam & Co; Choa Saiden Shah.
4.	Mr. Qabil Ehsan S/o. Muhammad Aslam	Mine Sirdar	M/s. Iqbal Mineral Co; Choa Saiden Shah.
5.	Mr. Khalid Nawaz S/o. Raja Saith Baz Khan	Mine Sirdar	M/s. Super Punjab Coal Co; Dandot, Chakwal.
6.	Mr. Muhammad Awais S/o. Aftab Hussain	Supervisor	M/s. Nazar & Co; Khewra, Jhelum.
<b>Course No. 221 held from 27.11.2013 to 28.11.2013</b>			
1.	Mr. Muhammad Waqas Iqbal S/o. Muhammad Iqbal	Supervisor	M/s. Punjab Coal Co; Choa Saiden Shah.
2.	Mr. Hussain Nawaz S/o. Gulfaraz	Coal Cutter	M/s. Malik Ali Shah & Co; Choa Saiden Shah.



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3.	Mr. Saif Ali Khan S/o. Saleh Khan	Coal Cutter	M/s. Malik Ali Shah & Co; Choa Saiden Shah.
4.	Mr. Muhammad Saleem Khan S/o. Muhammad Sadiq Khan	Mine Sirdar	M/s. PMDC Slat Mine, Khewra, Jhelum.
5.	Mr. Rashid Mehmood S/o. Muhammad Gulzar	Munshi	M/s. Kharasan Coal Co; Choa Saiden Shah.
6.	Nawab Khan S/o. Zafar Ali	Labour	M/s. Saqib Coal Co; Choa Saiden Shah.
7.	Qamar Abbas S/o. Jamshaid Ali Khan	Mine Sirdar	M/s. Punjmin, Jutana, Khewra, Jhelum.
8.	Mr. Gulistan Khan S/o. Rehmat Khan	Mine Sirdar	M/s. A-Majeed & Co; Choa Saiden Shah.
<b>Course No. 222 held from 30.12.2013 to 31.12.2013</b>			
1.	Mr. Amjad Nawaz S/o. Rub Nawaz	Mine Sirdar	M/s. Wah Stone & Lime Quarry, Dandot, Chakwal.
2.	Mr. Fasih-ur-Rehman S/o. S/o. Haji Ihsan Elahi	Supervisor	M/s. Fazal Din & Co; Minhala, Choa Saiden Shah.
3.	Mr. Muhammad Shafiq Akbar S/o. Ghulam Akbar	Supervisor	M/s. Iqbal Mineral Co; Choa Saiden Shah.



**YEAR-WISE ADMISSION AND RESULT ANALYSIS OF PUNJAB SCHOOL OF MINES, KATAS****i. Previous Classes:**

Class	Session	Technology	Students Admitted	Passed Students	Pass Percentage	Name of Student got 1 <sup>st</sup> Position	Students Admitted in UET, Lahore after Qualifying
M-1	1987-90	Mining	20	18	90%	Mr. Khalid Mehmood	-
M-2	1987-90	Mining	20	16	80%	Mr. Almas Malik	-
M-3	1988-91	Mining	20	7	35%	Mr. Waseem Noor	-
M-4	1989-92	Mining	20	7	35%	Mr. Najam Iqbal	-
M-5	1990-93	Mining	20	2	10%	Mr. Ghulam Bashir	-
M-6	1991-94	Mining	20	17	85%	Mr. Muhammad Farooq	-
M-7 (A+B)	1992-95	Mining	40	31	78%	Mr. M. Tasleem Malghani	-
M-8	1993-96	Mechanical	20	15	75%	Mr. Zubair Mohsin	-
M-9	1994-97	Electrical	20	6	30%	Mr. Muhammad Faheem	-
		Mining	20	11	55%	Mr. Hubdar Hussain	-
M-10	1995-98	Mechanical	20	8	40%	Mr. Muhammad Tariq	-
		Mining	20	14	70%	Mr. Tahir Ali	Tahir Ali
M-11	1996-99	Electrical	20	4	20%	Mr. Javed Iqbal	-
		Mining	20	13	65%	Mr. Ejaz Saeed Aslam	-
M-12	1997-00	Mechanical	20	12	60%	Mr. Shahid Rahim	-
		Mining	20	9	45%	Mr. Zubair Hussain	Zubair Hussain



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Class	Session	Technology	Students Admitted	Passed Students	Pass Percentage	Name of Student got 1 <sup>st</sup> Position	Students Admitted in UET, Lahore after Qualifying
M-13	1998-01	Electrical	20	11	55%	Mr. Anwar-ul-Haq	-
		Mining	20	12	60%	Mr. Muhammad Sajid	Mr. Muhammad Sajid
M-14	1999-02	Mechanical	20	10	50%	Mr. Farhan Tawar Ali Janjua	-
		Mining	20	5	25%	Mr. Waheed-ud-Din Kilyar	Mr. Waheed-ud-Din Kilyar
M-15	2000-03	Electrical	20	6	30%	Mr. Hafeez-ur-Rehman	-
		Mining	20	8	40%	Mr. Ahmed Kazmi	-
M-16	2001-04	Mechanical	20	12	60%	Syed Hambal-ur-Rehman	-
		Mining	20	8	40%	Mr. Aman Ullah	-
M-17	2002-05	Electrical	23	14	61%	Mr. Basit Ali	-
		Mining	24	16	67%	Mr. Tehseen Iqbal	Mr. Tehseen Iqbal
		Land & Mine Surveying	22	10	45%	Mr. Muhammad Amir	-
M-18	2003-06	Mechanical	16	12	75%	Mr. Anzar Ahmed	-
		Mining	26	15	58%	Mr. M. Ubaid Khan	Mr. Waqar Tariq, Mr. Allah Ditta Sindhu
		Land & Mine Surveying	28	13	46%	Mr. Muhammad Zubair	-
M-19	2004-07	Electrical	21	11	52%	Hafiz Hussain Ahmed	-
		Mining	19	10	53%	Hafiz Muhammad Saeed	Hafiz Muhammad Saeed
		Land & Mine Surveying	21	13	62%	Mr. Suleman Haider	-



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Class	Session	Technology	Students Admitted	Passed Students	Pass Percentage	Name of Student got 1 <sup>st</sup> Position	Students Admitted in UET, Lahore after Qualifying
M-20	2005-08	Mechanical	28	14	50%	Mr. Muhammad Touseef Khalid	Mr. Usman Umar Tubassum, Mr. Umar Pervaiz
		Mining	31	24	77%	Mr. Usman Umar Tubassum	-
		Land & Mine Surveying	31	23	74%	Mr. Rizwan Ali	-
M-21	2006-09	Electrical	31	21	68%	Mr. Muhammad Nadeem	-
		Mining	33	28	85%	Mr. Muhammad Abbas	-
		Land & Mine Surveying	33	19	58%	Mr. Hassan Ali Salfi	-
M-22	2007-10	Land & Mine Surveying	33	26	79%	Mr. Bilal Haider (Gold Madelist)	-
		Mining	30	20	67%	Mr. Muhammad Awais	-
		Mechanical	31	24	77%	Mr. Tahir Imran	-
M-23	2008-11	Electrical	32	19	59%	Mr. Arshad Ali	-
		Mining	26	26	100%	Mr. Muhammad Zubair	Mr. Muhammad Zubair
		Land & Mine Surveying	33	27	88%	Mr. Ali Raza (Gold Madelist)	-
M-24	2009-12	Mechanical	35	20	57%	Mr. Saif-ur-Rehman	-
		Mining	33	28	85%	Mr. Qaisar Raza	-
		Land & Mine Surveying	30	27	90%	Mr. Saqib Raza	-
M-25	2010-13	Electrical	29	19	66%	Mr. Waqar Younis	-
		Mining	30	19	63%	Mr. Asad Ameer	-
		Land & Mine Surveying	30	18	60%	Mr. Aiman Aqeel	-
Total:			1259	778	62%	-	11



## ii. Running Classes:

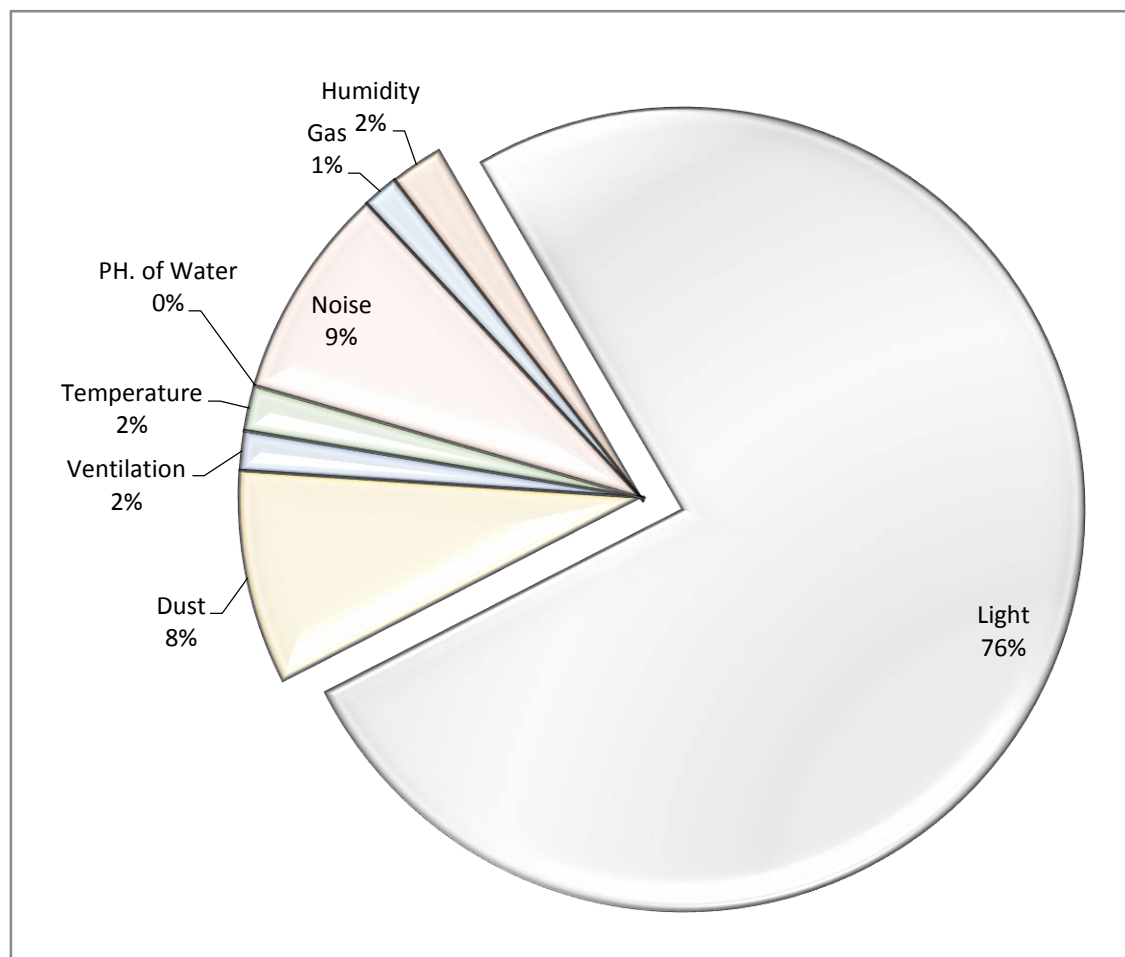
Class	Session	Technology	Students Admitted	Passed Students	Pass Percentage	Name of Student got 1 <sup>st</sup> Position	Students Admitted in UET, Lahore after Qualifying
M-26	2011-14	Mechanical	31	The classes of these sessions are being held.			
		Mining	29				
		Land & Mine Surveying	30				
M-27	2012-15	Electrical	32				
		Mining	26				
		Land & Mine Surveying	32				
M-28	2013-16	Mechanical	37				
		Mining	30				
		Land & Mine Surveying	40				
Total:			287	-			

**Annexure-8****MONTH-WISE PROGRESS OF MINES SAMPLE TESTING LABORATORY, KHUSHAB FOR THE YEAR, 2013**

Months	SAMPLES COLLECTED									Samples beyond permissible limits	Inspections conducted	Meetings Attended	Diary	Despatch
	Gas	Humidity	Light	Dust	Ventilation	Temperature	PH. of Water	Noise	Total					
January	12	57	59	15	19	57	9	16	244	57	19	0	20	86
February	54	54	54	18	18	54	13	18	283	48	18	1	13	120
March	63	63	63	21	21	63	16	20	330	75	21	0	13	105
April	66	66	66	22	22	66	22	22	352	80	22	1	13	196
May	48	48	48	14	16	48	7	14	243	50	16	1	15	90
June	51	51	51	13	17	51	17	14	265	59	17	1	24	121
July	57	57	57	19	19	57	9	19	294	63	19	0	11	130
August	48	48	48	9	16	48	10	11	238	60	16	0	16	125
September	57	57	57	17	19	57	13	18	295	66	19	2	10	60
October	60	60	60	15	20	60	16	16	307	64	20	0	10	88
November	57	57	57	19	19	57	13	18	297	71	19	1	13	129
December	60	60	60	12	20	60	13	12	297	65	20	2	8	129
<b>Total:-</b>	<b>633</b>	<b>678</b>	<b>680</b>	<b>194</b>	<b>226</b>	<b>678</b>	<b>158</b>	<b>198</b>	<b>3445</b>	<b>758</b>	<b>226</b>	<b>9</b>	<b>166</b>	<b>1379</b>

**Annexure-9****MONTH-WISE SUB-STANDARD SAMPLES COLLECTED DURING THE YEAR, 2013**

Months	SAMPLES BEYOND PERMISSIBLE LIMITS								
	Gas	Humidity	Light	Dust	Ventilation	Temperature	PH. of Water	Noise	Total
January	0	1	47	3	0	1	0	5	57
February	2	3	24	10	1	3	0	5	48
March	0	0	63	7	0	0	0	5	75
April	0	1	66	6	0	0	0	7	80
May	1	2	36	5	1	1	0	4	50
June	0	0	51	3	0	0	0	5	59
July	3	4	33	7	4	4	0	8	63
August	2	2	48	4	1	2	0	1	60
September	2	2	45	6	2	2	0	7	66
October	1	1	51	4	1	1	0	5	64
November	0	0	57	7	0	0	0	7	71
December	0	0	54	3	2	0	0	6	65
<b>Total:</b>	<b>11</b>	<b>16</b>	<b>575</b>	<b>65</b>	<b>12</b>	<b>14</b>	<b>0</b>	<b>65</b>	<b>758</b>
<b>Percentage:</b>	<b>1%</b>	<b>2%</b>	<b>76%</b>	<b>9%</b>	<b>2%</b>	<b>2%</b>	<b>0%</b>	<b>9%</b>	<b>100%</b>

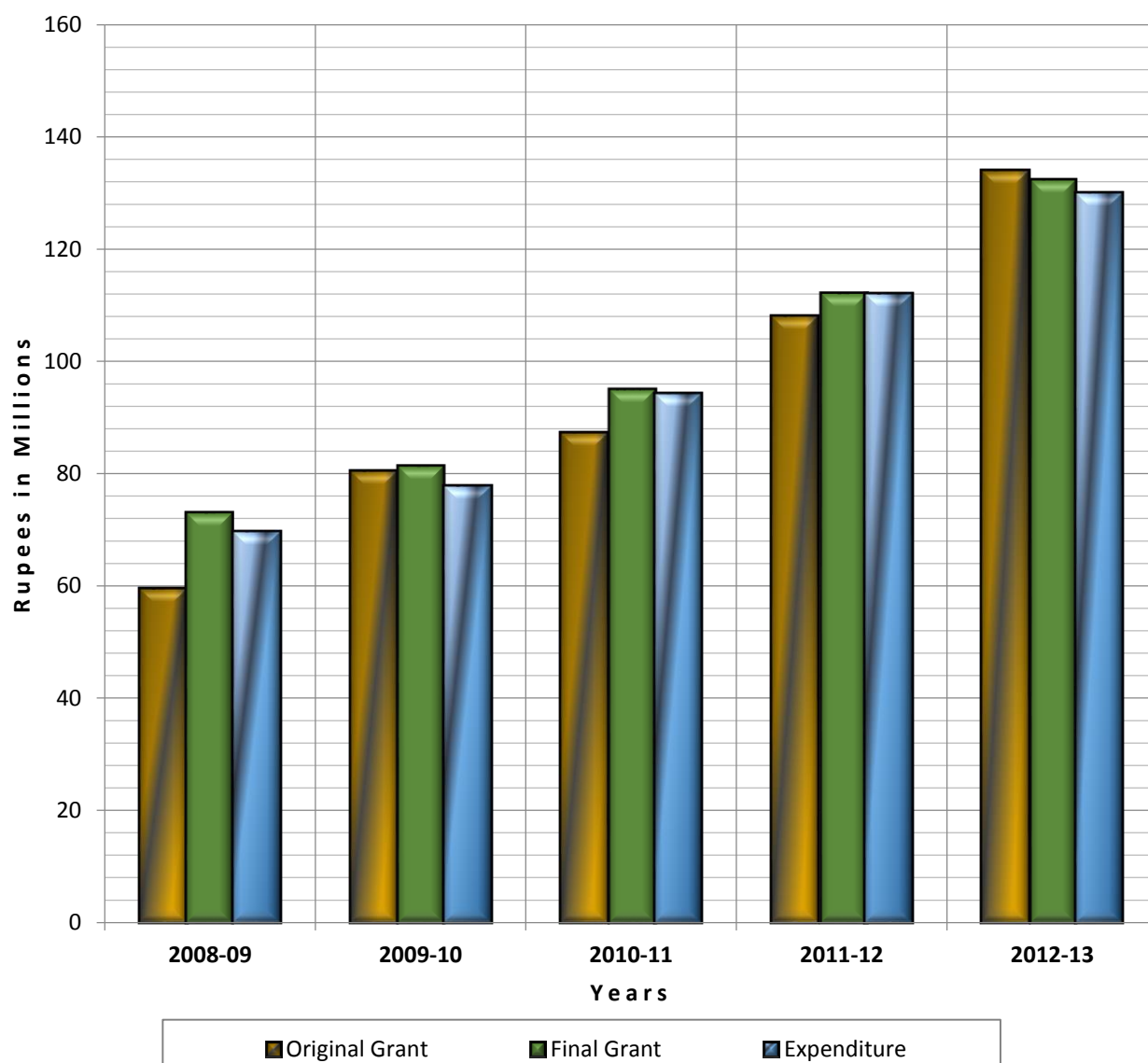
**Category Wise Sub-Standard Samples**

**Annexure-10****NON-DEVELOPMENT BUDGET -- ALLOCATION & EXPENDITURE  
FOR THE YEAR, 1989-90 TO 2013-14****(Figures in Rupees)**

Year	Original Grant	Revised/Final Grant	Expenditure
1989-90	7184790	6709170	6969250
1990-91	6926640	7880390	7923373
1991-92	7509960	7545150	7734070
1992-93	10538070	10956680	10929488
1993-94	16645930	16657020	15027073
1994-95	21121540	21888930	21901821
1995-96	24597380	25125220	24906065
1996-97	26165000	32823000	26303896
1997-98	28723000	29968000	29121444
1998-99	31637000	29119000	27705629
1999-2000	31576000	29383000	29067976
2000-01	34908000	30713000	29931540
2001-02	34678000	32510000	31953838
2002-03	42069000	37528000	36276334
2003-04	41782000	39153000	38420044
2004-05	45329000	43709000	41843399
2005-06	48290000	49976000	494632 98
2006-07	56009000	58926000	56461542
2007-08	63432000	65658000	62257534
2008-09	59586000	73169000	69601482
2009-10	80414000	81491000	77846563
2010-11	87273000	95111000	94253804
2011-12	108031000	112233000	112112000
2012-13	133953000	132385000	129940000
2013-14	153884000	-	-

**Annexure-11**

### Budget Allocation & Expenditure (From 2008-09 to 2012-13)



#### Rupees in Millions

<u>Year</u>	<u>Original Grant</u>	<u>Final Grant</u>	<u>Expenditure</u>
2008-09	59.586	73.169	69.601
2009-10	80.414	81.491	77.847
2010-11	87.273	95.111	94.254
2011-12	108.031	112.233	112.112
2012-13	133.953	132.385	129.940



**Annexure-12****TARGETS EVALUATION FOR THE MONTH OF JANUARY, 2013****Progress**

Sr. No.		Task	Action by	%age			
1.		Review of fatal & serious accidents up to-date.	DMLW/DD/SO	100			
2.	a.	Submission of inquiry reports of fatal accidents occurred up to November, 2012.	IM/JIM	100	100		
	b.	Submission of inquiry reports of serious accidents occurred up to November, 2012.		100			
	c.	Follow up for Submission of inquiry reports of fatal accidents occurred up to, December, 2012.	DCIM/TO	100			
	d.	Follow up for Submission of inquiry reports of serious accidents occurred up to December, 2012.		100			
3.	a.	Submission of inspection reports from inspecting officers for the month of December, 2012.	IM/JIM	100	100		
	b.	Follow up for submission of inspection reports from inspecting officers for the month of December, 2012.	IMH/TO/ (M-I) Supdt. (M-II)	100			
4.		Circulation/ Dispatch of February Returns Forms to Coal Mines Owners.	DMLW/DD/SO	100			
5.		Issuance of “Press Note” in newspapers for submission of February Returns.	DMLW/DD/SO	100			
6.		Compilation of Data/progress of field offices for the year, 2012.	DMLW/DD/SO	100			
7.		Submission of monthly and quarterly report regarding outstanding Audit observation.	DMLW/DD/BO	100			
8.		Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100			
9.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100			
10.		Timberman Training Course at Mine Rescue & Safety Station, Khushab.	TO/HD-I	100			
11.		Scrutiny of monthly expenditure for December, 2012.	DMLW/DD/BO	100			
12.		Reconciliation of expenditure with A.G for the month of December, 2012.	DMLW/DD/BO	100			
13.	i	Number of Permits issued for Coal Mines.	Jan. 13	Total	TO	100	100
			30	30			
	ii.	Number of Permits issued for Other than Coal Mines.	82	82	Supdt. (M-II)	100	
14.	Follow up for permit cases in Rawalpindi Region (Chakwal-I) Sector (Dalwal, Dulmial, Badshahpur, Malkana and Chitti Dand) for the month of March, 2013.		TO	100	Supdt. (M-II)	100	100
			Supdt. (M-II)	100			
15.		Scrutiny of maps of 15 companies per month.	CO/S&DO	100			
16.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100			
17.		Report on complaints received and action taken.	DMDC/ Translator	100			
18.		Dispatch of Answer scripts of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali to concerned examiners.	DMDC/AD	100			
19.		Old Postings of Result of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali.	DMDC/AD	100			
20.		Writing of Chapter No. 7 of Geology-I.	DMDC/AD	50			
21.		Submission of registration forms for Session, 2012-13 of MSIM, Mianwali.	DMDC/AD	100			
22.		Submission of quarterly report of G. P. Fund/Pension cases to A.D.	AO(CIM)/Translator	100			
23.		Follow up of ACRs of staff and officers.	BO/AO(CIM)/ Translator	100			
24.		Follow up of Service Books.	AO(CIM)/Translator	100			
25.		Follow up for provision of certificate regarding completion of ACRs.	AO(CIM)/Translator	100			
26.		Preparation of monthly attendance report of staff and officers.	DCIM/SO/AO(CIM)/ Translator	100			
27.		Follow up of ADP Schemes.	DMDC/ Project Directors	100			
28.		Review of Umrah Fund.	DD/ PA to CIM/MLWC	100			
Total (I&II): (2750/2800) x 100 =				98%			

**Annexure-13****TARGETS EVALUATION FOR THE MONTH OF FEBRUARY, 2013****Progress**

Sr. No.	Task				Action by	%age	
1.	Review of fatal & serious accidents up to-date.				DMLW/DD/SO	100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to December, 2012.			IM/JIM	100	100
	b.	Submission of inquiry reports of serious accidents occurred up to December, 2012.				100	
	c.	Follow up for Submission of inquiry reports of fatal accidents occurred up to, January, 2013.			DCIM/TO	100	
	d.	Follow up for Submission of inquiry reports of serious accidents occurred up to January, 2013.				100	
3.	a.	Submission of inspection reports from inspecting officers for the month of January, 2013.			IM/JIM	100	100
	b.	Follow up for submission of inspection reports from inspecting officers, for the month of January, 2013.			IMH/TO (M-I)/ Supdt. (M-II)	100	
4.	Confirmation of 10 nominees for Rescue Training Course at Khushab.				TO/IMR/IMS/HD-I	100	
5.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.				RS/TO/HD-I	100	
6.	Timberman Training Course at Mines Rescue & Safety Sub-Station, Choa Saiden Shah.				TO/HD-I	100	
7.	Updation of presentation of Inspectorate of Mines.				DD/SO	100	
8.	Scrutiny of monthly expenditure for January, 2013.				DMLW/DD/BO	100	
9.	Reconciliation of expenditure with A.G for the month of January, 2013.				DMLW/DD/BO	100	
10.	i Number of Permits issued for Coal Mines.		Feb. 13	Total	TO	100	100
			25	55			
	ii. Number of Permits issued for Other than Coal Mines.		18	100	IMH/Supdt. (M-II)	100	
11.	Follow up for permit cases in Sargodha Region (Khushab) Sector (Golewali, Warcha, Sakaisar, Nooraywal, Kathwai, Ochhali, Dalmiri & Noshera) for the month of May, 2013.			TO	100	100	
				Supdt. M-II	100		
12.	Scrutiny of maps of 15 companies per month.				CO/S&DO	100	
13.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.				DD/ Translator	100	
14.	Report on complaints received and action taken.				DMDC/Translator	100	
15.	Tabulation of Result of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali.				DMDC/AD	100	
16.	Scrutiny of registration forms of MSIM, Mianwali for Session 2012-13.				DMDC/AD	100	
17.	Scrutiny of Result of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali.				DMDC/AD	0	
18.	Announcement of Schedule of 1 <sup>st</sup> Annual Examination, 2012 of PSM, Katas.				DMDC/AD	100	
19.	Writing of Chapter No. 7 of Geology-I.				DMDC/AD	50	
20.	Review of vacancy position of initial recruitment posts from BS-16 & above.				DMLW/BO	100	
21.	Follow up of ACRs.				AO(CIM)/Translator	100	
22.	Vacancy position from BS-1 to BS-15.				DMDC/AO(CIM)/ Translator	100	
23.	Preparation of monthly attendance report of staff and officers.				DCIM/BO/AO(CIM)/ Translator	100	
24.	Follow up of ADP Schemes.				DMDC/. Project Directors	100	
25.	Review of Umrah Fund.				DD/ PA to CIM/MLWC	100	
Total (I&II): (2450/2500) x 100 =						98%	

**Annexure-14****TARGETS EVALUATION FOR THE MONTH OF MARCH, 2013****Progress**

Sr. No.		Task	Action by	%age	
1.		Review of fatal & serious accidents up to-date.	DMLW/IMH/DD/SO	100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to January, 2013.	IM/JIM	100	100
	b.	Submission of inquiry reports of serious accidents occurred up to January, 2013.			
	c.	Follow up for Submission of inquiry reports of fatal accidents occurred up to, February, 2013.	DCIM/IMH/TO	100	
	d.	Follow up for Submission of inquiry reports of serious accidents occurred up to February, 2013.			
3.	a.	Submission of inspection reports from inspecting officers for the month of February, 2013.	IM/JIM	75	87
	b.	Follow up for submission of inspection reports from inspecting officers, for the month of February, 2013.	TO/IMH (M-I)/ Supdt. (M-II)	100	
4.		Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
5.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
6.		Timberman Training Course at Mine Rescue & Safety Station, Khushab.	TO/HD-I	100	
7.		Compilation of Annual Returns, 2012.	DMLW/DD/SO	100	
8.		Issuance of reminders to Mine Owners for submission of Annual Returns.	DMLW/DD/SO	100	
9.		Condu of Internal Audit of Jr. Inspector of Mines, D. G. Khan.	DMLW/DD/SO	100	
10.		Preparation and Submission of 2 <sup>nd</sup> Excesses & Surrenders Statement for the year, 2012-13 to F.D.	DMLW/DD/BO/	100	
11.		Scrutiny of monthly expenditure for February, 2013.	DMLW/DD/SO	100	
12.		Reconciliation of expenditure with A.G for the month of January, 2013.	DMLW/DD/SO	100	
13.	i	Number of Permits issued for Coal Mines.	TO/Supdt. (M-I)	100	100
	ii.	Number of Permits issued for Other than Coal Mines.	IMH/Supdt. (M-II)	100	
14.	Follow up for permit cases in Sargodha Region (Khushab) Sector (Katha, Nali, Arara, Jabbi, Paid, Padhrar and Sultan Mehdi) for the month of May, 2013.		TO/Supdt. (M-I)	100	100
			IMH/Supdt. (M-II)	100	
15.		Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
16.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DMDC/DD/ Translator	100	
17.		Report on complaints received and action taken.	DMLW/ Translator	100	
18.		Super Checking of result of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali.	DMDC/AD	100	
19.		Declaration of Result of 2 <sup>nd</sup> Annual Examination, 2012 of MSIM, Mianwali.	DMDC/AD	100	
20.		Announcement of Schedule of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100	
21.		Submission of Admission Forms of 1 <sup>st</sup> Annual Examination, 2013 of PSM, Katas to PBTE.	DMDC/AD	100	
22.		Issuance of Registration Cards for the Session, 2012-13 of MSIM, Mianwali.	DMDC/AD	100	



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23.	Preparation of DMC/Certificates of MSIM, Mianwali.	DMDC/AD	100
24.	Writing of Chapter No. 9 of Geology-I.	DMDC/AD	100
25.	Review of vacancy position of initial recruitment posts from BS-16 & above.	DMLW/BO	100
26.	Follow up of Service Books.	DMDC/TO/AO(CIM)/ Translator	100
27.	Follow up of ACRs.	DMDC/TO/AO(CIM)/ Translator	100
28.	Submission of promotion cases (BS-1 to 15).	DMDC/TO/AO(CIM)/ Translator	100
29.	Preparation of monthly attendance report of staff and officers.	SO/AO(CIM)/ Translator	100
30.	Follow up of ADP Schemes.	DMDC/ Project Directors	100
31.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
<b>Total (I&amp;II): (3087/3100) x 100 =</b>			<b>99.6%</b>

**Annexure-15****TARGETS EVALUATION FOR THE MONTH OF APRIL, 2013****Progress**

Sr. No.	Task	Action by	%age
1.	Review of fatal & serious accidents up to-date.	DMLW/DD/SO	100
2.	a Submission of inquiry reports of fatal accidents occurred up to February, 2013.	IM/JIM	100
	b Submission of inquiry reports of serious accidents occurred up to February, 2013.		100
	c Follow up for Submission of inquiry reports of fatal accidents occurred up to March, 2013.	DCIM/TO/IMH	100
	d Follow up for Submission of inquiry reports of serious accidents occurred up to March, 2013.		100
3.	a Submission of inspection reports from inspecting officers for the month of March, 2013.	IM/JIM	100
	b Follow up for submission of inspection reports from inspecting officers, for the month of March, 2013.	TO (M-I)/ Supdt. (M-II)	100
4.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100
5.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100
6.	Short Firer Training Course at PMDC Salt Mine, Kalabagh.	TO/HD-I	100
7.	Preparation of Annual Report of CIM for the Year 2012.	SO	20
8.	Issuance of Reminders to Mines Owners for submission of February Returns.	DMLW/DD/SO	100
9.	Internal Audit of Rescue Instructor, Mine Rescue & Safety Sub-Station, Choa Saiden Shah.	DMLW/DD/BO	100
10.	Submission of monthly and quarterly report regarding outstanding Audit Observations.	DMLW/DD/SO	100
11.	Scrutiny of monthly expenditure for March, 2013.	DMLW/DD/SO	100
12.	Reconciliation of expenditure with A.G for the month of February, 2013.	DMLW/DD/SO	100
13.	i Number of Permits issued for Coal Mines	TO/IMH/Supdt. (M-I)	100
	ii. Number of Permits issued for Other than Coal Mines.	TO/IMH/Supdt. (M-II)	
14.	Follow up for permit cases in Rawalpindi Region (Rawalpindi) Sector (Margala, Usmani, Khaattar, Farooqia, Hasan, Abdal Kahota, Swan Camp and Barokha) for the month of June, 2013.	TO/Supdt. (M-I)	100
		TO/Supdt. (M-II)	
15.	Scrutiny of maps of 15 companies per month.	CO/S&DO	100
16.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100
17.	Report on complaints received and action taken.	DMDC/ Translator	100
18.	Scrutiny of Admission Forms of 1 <sup>st</sup> Annual Examination, 2013 of PSM, Katas.	DMDC/AD	100
19.	Issuance of Date Sheet of 1 <sup>st</sup> Annual Examination, 2013 of PSM, Katas.	DMDC/AD	100
20.	Conduct of 1 <sup>st</sup> Annual Examination, 2012 of PSM, Katas.	DMDC/AD	100
21.	Preparation of Question Papers of MSIM, Mianwali.	DMDC/AD	100
22.	Appointment of Supervisory staff for 1 <sup>st</sup> Annual Examination, of MSIM, Mianwali.	DMDC/AD	100



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23.	Writing of Chapter No. 10 of Geology-I.	DMDC/AD	100
24.	Review of vacancy position of initial recruitment posts from BS-16 & above.	DMLW/SO	100
25.	Follow up of quarterly report of G. P. Fund/pension cases.	DMDC/TO/AO(CIM)/ Translator	100
26.	Follow up of quarterly report of disciplinary cases.	DMDC/TO/AO(CIM)/ Translator	100
27.	Preparation of monthly attendance report of staff and officers.	DMDC/TO/AO(CIM)/ Translator	100
28.	Follow up of ADP Schemes.	DMDC/ Project Directors	100
29.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
Total (I&II): (2820/2900) x 100 =			97%

**Annexure-16****TARGETS EVALUATION FOR THE MONTH OF MAY, 2013****Progress**

Sr. No.		Task	Action by	%age	
1.		Review of fatal & serious accidents up to-date.	DMLW/IMH/DD/SO	100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to March, 2013.	IM/JIM	100	98
	b.	Submission of inquiry reports of serious accidents occurred up to March, 2013.			
	c.	Follow up for Submission of inquiry reports of fatal accidents occurred up to April, 2013.	DCIM/IMH/TO	100	
	d.	Follow up for Submission of inquiry reports of serious accidents occurred up to April, 2013.			
3.	a.	Submission of inspection reports from inspecting officers for the month of April, 2013.	IM/JIM	61	80
	b.	Scrutiny of inspection reports from inspecting officers for the month of March, 2012.	TO/IMH (M-I)/ Supdt. (M-II)	100	
4.		Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
5.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
6.		Preparation of draft of Annual Report of CIM for the Year, 2012.	SO	30	
7.		Conduct of Internal Audit of office of the Inspector of Mines, Rawalpindi.	DMLW/DD/BO	100	
8.		Scrutiny of monthly expenditure for April, 2013.	DMLW/DD/BO	100	
9.		Reconciliation of expenditure with A.G for the month of March, 2013.	DMLW/DD/BO	100	
10.	i. Number of Permits issued for Coal Mines		TO/IMH/ Supdt. (M-II)	100	
	ii. Number of Permits issued for Other than Coal Mines.				
11.	Follow up for permit cases in Rawalpindi Region (Attock) Sector (Larnaspur, Hazroo, Mirza, Choi, Bagh, Nilab, Fateh Jhang, Jabbi, Nawa & Pindi Gheb) for the month of July, 2013.		TO/Supdt. (M-I)	100	
			TO/IMH/Supdt. (M-II)		
12.		Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
13.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100	
14.		Report on complaints received and action taken.	DMDC/ TO	100	
15.		Scrutiny of admission form of 1 <sup>st</sup> Annual Examination, 2013 of MSIM Mianwali at Mining Development Cell.	DMDC/AD	100	
16.		Preparation of Date Sheet of 1 <sup>st</sup> Annual Examination, 2013 of MSIM Mianwali.	DMDC/AD	100	
17.		Writnig of Chapter No. 11 of Geology-I.	DMDC/AD	100	
18.		Review of vacancy position of initial recruitment posts from BS-16 & above.	DMLW/SO	100	
19.		Review of Tour Roster of Inspecting Officers.	DMLW/SO	100	
20.		Preparation of monthly attendance report of staff and officers.	DMDC/AO(CIM)/ Translator	100	
21.		Follow up of ADP Schemes.	DMDC/ Project Directors	100	
22.		Review of Umrah Fund.	DD/ PA to CIM/MLWC	100	
Total (I&II): (2110/2200) x 100 =				96%	

**Annexure-17****TARGETS EVALUATION FOR THE MONTH OF JUNE, 2013****Progress**

Sr. No.	Task	Action by	%age
1.	Review of fatal & serious accidents up to-date.	IMH/JIM(H)/DD/SO	100
2.	a. Submission of inquiry reports of fatal accidents occurred up to April, 2013.	IM/JIM	100
	b. Submission of inquiry reports of serious accidents occurred up to April, 2013.		100
	c. Scrutiny of inquiry reports of fatal accidents occurred up to April, 2013.	DCIM/TO/IMH	100
	d. Scrutiny of inquiry reports of serious accidents occurred up to April, 2013.		100
3.	a. Submission of inspection reports from inspecting officers for the month of May, 2012.	IM/JIM	100
	b. Scrutiny of inspection reports from inspecting officers, for the month of April, 2012.	TO/IMH/ (M-I)/ Supdt. (M-II)	100
4.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100
5.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100
6.	Shot Firers Training Course at Pull-111, Sargodha.	TO/HD-I	100
7.	Submission of draft Annual Report of CIM for the year, 2012.	SO	40
8.	Preparation of Prosecution Cases of Annual Returns.	DMLW/DD/SO	100
9.	Scrutiny of monthly expenditure for May, 2013.	DMLW/DD/BO	100
10.	Reconciliation of expenditure with A.G. for the month of April, 2013.	DMLW/DD/BO	100
11.	i. Number of Permits issued for Coal Mines.	TO/H.D-II (M-I)	100
	ii. Number of Permits issued for Other than Coal Mines.	IMH/M-II	
12.	Follow up for permit cases in Sargodha Region (Sargodha, Jang, Chiniot & Sheikhpura) Sector (Chak Nos. 126, 116, 107, 113, 120, 47, 48, 48, 110, 59, 60 117, 123 Shahanabad, 100, 88 NB & Rabwah) for the month of August, 2013.	TO/Supdt. (M-I)	100
		TO/IMH/Supdt. M-II	
13.	Scrutiny of maps of 15 companies per month.	CO/S&DO	100
14.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100
15.	Report on complaints received and action taken.	DMDC/Translator	100
16.	Conduct of 1 <sup>st</sup> Annual Examination, 2013 at PSM, Katas.	DMDC/AD	100
17.	Conduct of 1 <sup>st</sup> Annual Examination, 2012 at MSIM, Mianwali.	DMDC/AD	100
18.	Writing of Chapter No. 12 of Geology-I.	DMDC/AD	100
19.	Vacancy position of BS-01 to BS-15.	DMDC/TO/AO(CIM)	100
20.	Finalization of Tour Roster of Inspecting Offices.	DMDC/SO	50
21.	Finalization of requisitions of Punjab Public Service Commission for initial recruitment posts. Of BS-16 & above.	DMDC/SO	100
22.	Preparation of monthly attendance report of staff and officers.	DMDC/TO/AO(CIM)/ Translator	100
23.	Follow up of ADP Schemes.	DMDC/ Project Directors	100
24.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
<b>Total (I&amp;II): (2290/2400) x 100 =</b>			<b>95%</b>



**Annexure-18****TARGETS EVALUATION FOR THE MONTH OF JULY, 2013****Progress**

Sr. No.		Task	Action by	%age	
1.	a.	Submission of Annual Task Calendar for the year 2013-14 of all Branches (Hqr. Offices).	DCIM/SO	100	80
	b.	Submission of Annual Task Calendar for the year 2013-14 of all Offices of CIM.	DMDC/SO	60	
2.		Review of fatal & serious accidents up to-date.	DMLW/IMH/TO/DD/SO	100	
3.	a.	Submission of inquiry reports of fatal accidents occurred up to May, 2013.	IM/JIM	100	100
	b.	Submission of inquiry reports of serious accidents occurred up to May, 2013.			
	c.	Scrutiny of inquiry reports of fatal accidents occurred up to May, 2013.	DCIM/IMH/TO	100	
	d.	Scrutiny of inquiry reports of serious accidents occurred up to May, 2013.			
4.	a.	Submission of inspection reports from inspecting officers for the month of June, 2013.	IM/JIM	50	75
	b.	Scrutiny of inspection reports from inspecting officers for the month of May, 2013.	TO/IMH/Supdt. M-II	100	
5.		Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
6.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
7.		Submission of Prosecution Cases of Annual Returns, 2012 to Civil Judges/ Magistrates by 21 <sup>st</sup> .	DMLW/DD/SO	100	
8.		Submission of draft Annual Report of CIM for the year, 2012.	SO	40	
9.		Compilation of final expenditure for the year, 2012-13.	DMLW/DD/BO	100	
10.		Submission of Audit copies to AD of approved SNEs for the year 2013-14.	DMLW/DD/BO	100	
11.		Internal Audit of Sr. Research Officer, Mine Sample Testing Laboratory, Khushab.	DMLW/DD/BO	100	
12.		Submission of monthly and quarterly report regarding outstanding audit observations.	DMLW/DD/BO	100	
13.		Updating of presentation of Inspectorate of Mines.	DMLW/DD/SO	100	
14.		Scrutiny of monthly expenditure for June, 2013.	DMLW/DD/BO	100	
15.		Reconciliation of expenditure with A.G for the month of May, 2013.	DMLW/DD/BO	100	
16.	i	Number of Permits issued for Coal Mines	TO/Supdt. (M-I)	100	
	ii.	Number of Permits issued for Other than Coal Mines.	IMH/Supdt. (M-II)		
17.	Follow up for permit cases in Sargodha Region (R.Y Khan, D.G Khan & Rajanpur) Sector (Touunsa, Sakhi Sarwar & Fort Munro) for the month of September, 2013.		TO/Supdt. (M-I)	100	
			IMH/Supdt. (M-II)		
18.		Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
19.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100	
20.		Report on complaints received and action taken.	DMDC/ Translator	100	
21.		Continuation of 1 <sup>st</sup> Annual Examination, 2013 at PSM, Katas.	DMDC/AD	100	



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22.	Conduct of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100
23.	Writing of Chapter No.01 of Mine Power, Drainage & Material Handling.	DMDC/AD	30
24.	Dispatch of Answer Books of MISIM regarding 1 <sup>st</sup> Annual Examination, 2013 to concerned examiners.	DMDC/AD	50
25.	Submission of promotion cases of BS-01 to BS-15.	DMDC/TO/AO(CIM)	100
26.	Submission of promotion cases of BS-16 and above.	DCIM/SO	100
27.	Submission of G.P Fund/Pension Cases (BS-01 to BS-15).	DMDC/TO/AO(CIM)	100
28.	Submission of Quarterly reports for disciplinary cases (BS-01 to BS-15).	DMDC/TO/AO(CIM)	100
<b>Total (I&amp;II): (2575/2800) x 100 =</b>			<b>92%</b>

**Annexure-19****TARGETS EVALUATION FOR THE MONTH OF AUGUST, 2013****Progress**

Sr. No.	Task	Action by	%age	
1. a.	Submission of Annual Task Calendar for the year 2013-14 of all CIM Offices.	DMDC/DD/SO	85	
2.	Review of fatal & serious accidents up to-date.	DMLW/IMH/TO/DD/SO	100	
3. a.	Submission of inquiry reports of fatal accidents occurred up to June, 2013.	IM/JIM	100	100
b.	Submission of inquiry reports of serious accidents occurred up to June, 2013.			
c.	Scrutiny of inquiry reports of fatal accidents occurred up to June, 2013.	DCIM/IMH/TO	100	100
d.	Scrutiny of inquiry reports of serious accidents occurred up to June, 2013.			
4. a.	Submission of inspection reports from inspecting officers for the month of July, 2013.	IM/JIM	73	86
b.	Scrutiny of inspection reports from inspecting officers for the month of June, 2013.	TO/IMH/Supdt. M-II	100	
5.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
6.	First Aid Training Course at Margala, Rawalpindi.	TO/HD-I	0	
7.	Submission of Prosecution Cases of February Returns, 2013 to Civil Judges/Magistrates by 31 <sup>st</sup> .	DMLW/DD/SO	100	
8.	Submission of draft Annual Report of CIM for the year, 2012.	SO	40	
9.	Internal Audit of Jr. Inspector of Mines, Jhelum.	DMLW/DD/BO	100	
10.	Submission of monthly report regarding outstanding audit observations.	DMLW/DD/BO	100	
11.	Scrutiny of monthly expenditure for July, 2013.	DMLW/DD/BO	100	
12.	Reconciliation of expenditure with A.G for the month of June, 2013.	DMLW/DD/BO	100	
13. i	Number of Permits issued for Coal Mines.	TO/Supdt. (M-I)	100	100
ii.	Number of Permits issued for Other than Coal Mines.	TO/IMH/Supdt M-II	100	
14.	Follow up for permit cases in Sargodha Region (Mianwali) Sector (Makerwal, Gulla Khel, Chashmia, Kalabagh, Chicchali, Seri Chapri, Seri, Mari, Daud Khel, Thatti, Pai Khel, Bori Khel, Musa Khel, Trutta & Sides) for the month of October, 2013.	TO/Supdt. (M-I)	100	100
		TO/IMH/Supdt M-II	100	
15.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100	
16.	Report on complaints received and action taken.	DMDC/ Translator	100	
17.	Centralized Marking of 1 <sup>st</sup> Annual Examination, 2013 at PSM, Katas.	DMDC/AD	100	
18.	Old posting of Result of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100	
19.	Receiving of Answer Scripts of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100	
20.	Admission of PSM, Katas for the Session, 2013-14 according to the registration schedule issued by PBTE, Lahore.	DMDC/AD	100	
21.	Writing of Chapter No.01 of Mine Power, Drainage & Material Handling.	DMDC/AD	50	
22.	Submission of Seniority list of Officers of BS-17.	DCIM/SO	100	
23.	Review of Seniority list of Officers of BS-16.	DCIM/SO	100	
24.	Submission of G.P Fund/ Pension Cases (BS-01 to BS-15).	DMDC/TO/AO(CIM)	100	
25.	Circulation of provisional seniority list of staff (BS-01 to BS-15).	DMDC/TO/AO(CIM)	100	
<b>Total (I&amp;II): (2261/2500) x 100 =</b>			<b>90%</b>	

**Annexure-20****TARGETS EVALUATION FOR THE MONTH OF SEPTEMBER, 2013****Progress**

Sr. No.	Task	Action by	%age
1.	a. Submission of Annual Task Calendars for the year, 2013-14 of all CIM Offices.	DCIM/DD/SO	100
2.	Review of fatal & serious accidents up to-date.	IMH//DD/SO	100
3.	a. Submission of inquiry reports of fatal accidents occurred up to July, 2013.	IM/JIM	100
	b. Submission of inquiry reports of serious accidents occurred up to July, 2013.		
	c. Scrutiny of inquiry reports of fatal accidents occurred up to July, 2013.	DCIM/IMH/TO	100
	d. Scrutiny of inquiry reports of serious accidents occurred up to July, 2013.		
4.	a. Submission of inspection reports from inspecting officers for the month of August, 2013.	IM/JIM	40
	b. Scrutiny of inspection reports from inspecting officers for the month of July, 2013.	TO/IMH/Supdt. M-II	100
5.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100
6.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100
7.	First Aid Training Course at Margala, Rawalpindi.	TO/HD-I	100
8.	Submission of draft Annual Report of CIM for the year, 2012.	SO	40
9.	Compilation of February Returns for the year 2012.	DMLW/DD/SO	100
10.	Preparation of SNEs (New & Continue) for the year 2014-15.	DMLW/DD/BO	100
11.	Submission of monthly report regarding outstanding audit observations.	DMLW/DD/BO	100
12.	Scrutiny of monthly expenditure for August, 2013.	DMLW/DD/BO	100
13.	Reconciliation of account with A.G for the month of July, 2013.	DMLW/DD/BO	100
14.	i Number of Permits issued for Coal Mines	TO/Supdt. (M-I)	100
	ii. Number of Permits issued for Other than Coal Mines.	TO/IMH/Supdt (M-II)	
15.	Follow up for permit cases in Rawalpindi Region (Jheulm) Sector (Dina, Pindori, Tarki, Khanpur, Tilla, Jalapur Sharif, Khewra, Nila & Lilla) for the month of November, 2013.	TO/Supdt. (M-I)	100
		TO/IMH/Supdt (M-II)	
16.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100
17.	Report on complaints received and action taken.	DMDC/ Translator	100
18.	Declaration of Result of 1 <sup>st</sup> Annual Examination, 2013 PSM, Katas.	DMDC/AD	100
19.	Tabulation of Result of 1 <sup>st</sup> Annual Examination, 2012 of MSIM, Mianwali.	DMDC/AD	40
20.	Announcement of Schedule of 2 <sup>nd</sup> Annual Examination, 2013 of PSM, Katas.	DMDC/AD	100
21.	Writing of Chapter No.03 of Power, Drainage & Material Handling.	DMDC/AD	50
22.	Submission of Seniority list of Officers of BS-17.	DCIM/SO	100
23.	Review of Seniority list of Officers of BS-16.	DCIM/SO	100
24.	Preparation of monthly attendance report of staff and officers.	DMDC/AO(CIM)/ Translator	100
25.	Follow up of ADP Schemes.	DMDC/ Project Directors	100
26.	Review of Umrah Fund.	DD/PA to CIM/MLWC	100
<b>Total (I&amp;II): (2400/2600) x 100 =</b>			<b>92%</b>

**Annexure-21****TARGETS EVALUATION FOR THE MONTH OF OCTOBER, 2013****Progress**

Sr. No.		Task	Action by	%age	
1.		Review of fatal & serious accidents up to-date.	DMLW/IMH/TO/DD/SO	100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to August, 2013.	IM/JIM	91	96
	b.	Submission of inquiry reports of serious accidents occurred up to August, 2013.			
	c.	Scrutiny of inquiry reports of fatal accidents occurred up to August, 2013.	DCIM/IMH/TO	100	
	d.	Scrutiny of inquiry reports of serious accidents occurred up to August, 2013.			
3.	a.	Submission of inspection reports from inspecting officers for the month of September, 2013.	IM/JIM	74	87
	b.	Scrutiny of inspection reports from inspecting officers for the month of August, 2013.	TO/IMH/Supdt. M-II	100	
4.		Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
5.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
6.		First Aid Training Course at Mine Rescue & Safety Station, Khushab.	TO/HD-I	100	
7.		Compilation of February Returns for the year 2012.	DMLW/DD/SO	100	
8.		Submission of draft Annual Report of CIM for the year, 2012.	SO/ASO	40	
9.		Submission of SNEs (New & Continue) for the year 2014-15.	DMLW/DD/BO	100	
10.		Submission of monthly reports regarding outstanding Audit observation for the month of September, 2013.	DMLW/DD/BO	100	
11.		Scrutiny of monthly expenditure for September, 2013.	DMLW/DD/BO	100	
12.		Reconciliation of expenditure with A.G for the month of August, 2013.	DMLW/DD/BO	100	
13.	i Number of Permits issued for Coal Mines		TO	30	
	ii. Number of Permits issued for Other than Coal Mines.		IMH/Supdt M-II		
14.	Follow up for permit cases in Rawalpindi Region (CKL-II) Sector (Ara, Basharat & Gharibwal) for the month of December, 2013.		TO	100	
			IMH/ Supdt M-II		
15.		Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
16.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100	
17.		Report on complaints received and action taken.	TO/SO	100	
18.		Scrutiny of Result of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	0	
19.		Super checking of result of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	0	
20.		Declaration of Result of 1 <sup>st</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	0	
21.		Announcement of Schedule of 2 <sup>nd</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	0	
22.		Scrutiny of Admission Forms of 2 <sup>nd</sup> Annual Examination, 2013 of PSM, Katas with the coordination of MDC.	DMDC/AD	100	



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23.	Submission of Admission Forms of 2 <sup>nd</sup> Annual Examination, 2013 of PSM, Katas after scrutiny of MDC.	DMDC/AD	100
24.	Review of Vacancy Position of Officers BS-16 and above.	DCIM/SO	100
25.	Submission of G.P Fund/Pension Cases of Officers.	DCIM/SO	100
26.	Circular regarding Annual Administrative & Technical Inspection Reports to the field offices.	DCIM/SO	100
27.	Circulation of provisional seniority list of staff (BS-01 to BS-15).	DMDC/TO/AO(CIM)	100
28.	Preparation of monthly attendance report of staff and officers.	DMDC/AO(CIM)/ Translator	100
29.	Follow up of ADP Schemes.	DMDC/ Projects Director	100
30.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
<b>Total (I&amp;II): (2453/3000) x 100 =</b>			<b>82%</b>

**Annexure-22****TARGETS EVALUATION FOR THE MONTH OF NOVEMBER, 2013****Progress**

Sr. No.		Task			Action by		%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN APRIL, 2013.								
1.		Submission of draft Annual Report of CIM for the year, 2012.			SO/ASO		50	
PART-II TASKS TO BE COMPLETED IN NOVEMBER, 2013.								
1.		Review of fatal & serious accidents up to-date.			DMLW/IMH/TO/DD/ SO/ASO		100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to September, 2013.			IM/JIM		100	100
	b.	Submission of inquiry reports of serious accidents occurred up to September, 2013.						
	c.	Scrutiny of inquiry reports of fatal accidents occurred up to September, 2013.			DCIM/IMH/TO		100	
	d.	Scrutiny of inquiry reports of serious accidents occurred up to September, 2013.						
3.	a.	Submission of inspection reports from inspecting officers for the month of October, 2013.			IM/JIM		86	96
	b.	Scrutiny of inspection reports from inspecting officers for the month of September, 2013.			TO/IMH/Supdt. M-II		100	
4.		Confirmation of 10 nominees for Rescue Training Course at Khushab.			TO/IMR/IMS/HD-I		100	
5.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.			RS/TO/HD-I		100	
6.		First Aid Training Course at Pull-111, Sargodha.			TO/HD-I		100	
7.		Follow up of SNEs to AD for the year 2014-15.			DMLW/DD/BO		100	
8.		Submission of monthly reports regarding outstanding Audit observation for the month of October, 2013.			DMLW/DD/BO		100	
9.		Scrutiny of monthly expenditure for October, 2013.			DMLW/DD/BO		100	
10.		Reconciliation of expenditure with A.G for the month of September, 2013.			DMLW/DD/BO		100	
11.		Scrutiny of maps of 15 companies per month.			CO/S&DO		100	
12.	i	Number of Permits issued for Coal Mines	Nov. 13	Total	TO	56	78	
			14	265				
	ii.	Number of Permits issued for Other than Coal Mines.	41	334	IMH/Supdt M-II	100		
13.	Follow up for permit cases in Rawalpindi Region (CKL-II) Sector (Sidhandi, Saloi & Sikki) for the month of January, 2014.				TO	100		
					IMH/Supdt M-II			
14.		Follow up action regarding quarterly meetings of Group-I, II & III Officers.			DD/ Translator		100	
15.		Report on complaints received and action taken.			DMDC/TO		100	
16.		Scrutiny of Admission Forms of 2 <sup>nd</sup> Annual Examination, 2013 of MSIM, Mianwali at MDC.			DMDC/AD		100	
17.		Preparation of Question Papers MSIM, Mianwali.			DMDC/AD		100	
18.		Issuance of Date Sheet of 2 <sup>nd</sup> Annual Examination, 2013 of PSM, Katas.			DMDC/AD		100	



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19.	Preparation of DMC/Certificates of successful candidates of 1 <sup>st</sup> Annual Examination, 2013.	DMDC/AD	100
20.	Appointment of Supervisory staff for 2 <sup>nd</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100
21.	Review of Vacancy Position of Officers.BS-16 and above.	DCIM/SO	100
22.	Submission of quarterly report of G. P. Fund/Pension Cases of officers.	DCIM/SO	100
23.	Follow up of circular regarding Annual Administrative & Technical Inspection Reports to the field offices.	DCIM/SO	100
24.	Circulation of provisional seniority list of staff (BS-01 to BS-15).	DMDC/AO(CIM)	90
25.	Preparation of monthly attendance report of staff.	DMDC/AO(CIM)/ Translator	100
26.	Follow up of ADP Schemes.	DMDC/ Project Director	100
27.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
<b>Total (I&amp;II): (2714/2800) x 100 =</b>			<b>97%</b>



**Annexure-23****TARGETS EVALUATION FOR THE MONTH OF DECEMBER, 2013****Progress**

Sr. No.		Task			Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN APRIL, 2013.							
1.		Submission of draft Annual Report of CIM for the year, 2012.			SO/ASO	70	
2.		Circulation of provisional seniority list of staff (BS-01 to BS-15).			DMDC/AO(CIM)	90	
PART-II TASKS TO BE COMPLETED IN DECEMBER, 2013.							
1.		Review of fatal & serious accidents up to-date.			DMLW/IMH/TO/DD/ SO/ASO	100	
2.	a.	Submission of inquiry reports of fatal accidents occurred up to October, 2013.			IM/JIM	100	100
	b.	Submission of inquiry reports of serious accidents occurred up to October, 2013.					
	c.	Scrutiny of inquiry reports of fatal accidents occurred up to October, 2013.			DCIM/IMH/TO	100	
	d.	Scrutiny of inquiry reports of serious accidents occurred up to October, 2013.					
3.	a.	Submission of inspection reports from inspecting officers for the month of November, 2013.			IM/JIM	100	100
	b.	Scrutiny of inspection reports from inspecting officers for the month of October, 2013.			TO/IMH/Supdt. M-II	100	
4.		Confirmation of 10 nominees for Rescue Training Course at Khushab.			TO/IMR/IMS	100	
5.		Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.			RS/TO	100	
6.		Issuance of “Press Note” in new papers for submission of Annual Return for the year, 2013.			DMLW/DD/DD/SO/ ASO	100	
7.		Circulation/Dispatch of Annual Return Forms to all mines owners.			DMLW/DD/DD/SO/ ASO	100	
8.		Mine Ventilation Training Course at Mine Sample Testing Laboratory, Khushab.			TO/HD-I	100	
9.		Follow up of SNEs for the year, 2014-15.			DMLW/DD/BO	100	
10.		Internal Audit of Rescue Instructor & Mine Survey Institute, Makerwal.			DMLW/DD/BO	100	
11.		Submission of monthly reports regarding outstanding Audit observation for the month of November, 2013.			DMLW/DD/BO	100	
12.		Scrutiny of monthly expenditure for November, 2013.			DMLW/DD/BO	100	
13.		Reconciliation of expenditure with A.G for the month of October, 2013.			DMLW/DD/BO	100	
14.		Scrutiny of maps of 15 companies per month.			CO/S&DO	100	
15.	i	Number of Permits issued for Coal Mines.	Dec. 13	Total	TO	80	90
			20	285			
	ii.	Number of Permits issued for Other than Coal Mines.	37	371	IMH/Supdt M-II	100	
16.	Follow up for permit cases in Rawalpindi Region (CKL-I) Sector (Dandot, Pidh, Nali, Wahali, Ratucha, C.S.Shah, Katas, Kallar Kahar, Karuli, Khairpur, Maloot, Nilawan, Lafi, Munara & Sarkalan) for the month of February, 2014.				TO	100	100
					IMH/Supdt M-II	100	



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17.	Follow up action regarding quarterly meetings of Group-I, II & III Officers.	DD/ Translator	100
18.	Report on complaints received and action taken.	DMDC/TO	100
19.	Continuation of 2 <sup>nd</sup> Annual Examination, 2013 of PSM, Katas with the coordination of MDC and PBTE.	DMDC/AD	100
20.	Conduct of 2 <sup>nd</sup> Annual Examination, 2013 of MSIM, Mianwali.	DMDC/AD	100
21.	Circulation of instructions regarding submission of ACRs of officers.	DCIM/AO/Supdt.	100
22.	Submission of quarterly report of G. P. Fund/pension cases of officers.	DCIM/AO/Supdt.	100
23.	Preparation of monthly attendance report of staff.	DMDC/AO(CIM)/ Translator	100
24.	Follow up of ADP Schemes.	DMDC/ Project Director	0
25.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
<b>Total (I&amp;II): (2750/2800) x 100 =</b>			<b>98%</b>

**Annexure-24****TOUR ROSTER OF FIELD OFFICERS OF SARGODHA REGION FOR THE YEAR, 2012-13**

Sr.	Name of Sector	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE
1.	Makerwal A Section (Chashmia Narmian).	SRO	MLWO(K)	JIM(M)	IM(S)	MLWO(K)	RO	JIM(M)	SRO/MLWO(K)	IM(S)	RO	JIM(M)/MLWO(K)	IM(S)
2.	Makerwal B & C Section (Kalabagh, Chichali, Chapri, Zeri).	IM(S)	MLWO(K)	SRO	JIM(M)	IM(S)	MLWO(K)	SRO	JIM(M)	MLWO(K)	IM(S)	SRO	JIM(M)
3.	Makerwal D Section (Mari, Daud Khel, Thatti, Pai Khel).	JIM(M)	IM(S)	MLWO(K)	MLWO(K)	JIM(M)	IM(S)	SRO	MLWO(K)	JIM(M)	MLWO(K)	IM(S)	MLWO(K)
4.	Makerwal E Section, (Bori Khel, Musa Khel Trutta, Mauza Bazar).	RO	JIM(M)	IM(S)	MLWO(K)	MLWO(K)	JIM(M)	RO	IM(S)	MLWO(K)	JIM(M)	RO	IM(S)
5.	Goli Wali, Warch, Sakasar, Jabbi.	IM(S)	SRO	JIM(K)	RO	IM(S)	RO	JIM(K)	IM(S)	MLWO(K)	MLWO(K)	JIM(K)	MLWO(K)
6.	Nooray Wala, Kathwai, Ochhali, Dalmiri, Noshehra.	MLWO(K)	IM(S)	MLWO(K)	JIM(K)	RO	MLWO(K)	IM(S)	JIM(K)	RO	IM(S)	MLWO(K)	JIM(K)
7.	Nulli, Katha, Arara.	JIM(K)	MLWO(K)	IM(S)	SRO	JIM(K)	IM(S)	MLWO(K)	RO	JIM(K)	SRO	MLWO(K)	IM(S)
8.	Pail, Padhrar, Samywala, Chambil.	MLWO(K)	JIM(K)	RO	IM(S)	MLWO(K)	MLWO(K)	MLWO(K)	MLWO(K)	IM(S)	JIM(K)	IM(S)	SRO
9.	Chak No. 123, 126/S.B, Sargodha.	IMS	MLWO(S)	JIM(S)	MLWO(S)	IM(S)	MLWO(S)	JIM(S)	MLWO(S)	IM(S)	MLWO(S)	JIM(S)	MLWO(S)
10.	Chak No.107, 113, 116, 117, 119 & Shaheenabad.	MLWO(S)	IM(S)	MLWO(S)	JIM(S)	MLWO(S)	IM(S)	MLWO(S)	JIM(S)	MLWO(S)	IM(S)	MLWO(S)	JIM(S)
11.	Chak No. 88, 100 & 110.	JIM(S)	MLWO(S)	IM(S)	MLWO(S)	JIM(S)	JIM(S)	MLWO(S)	IM(S)	JIM(S)	MLWO(S)	IM(S)	MLWO(S)
12.	Chak No. 47, 48, 60 & 100, 120, Rabwah & Chiniot.	MLWO(S)	JIM(S)	MLWO(S)	IM(S)	JIM(S)	JIM(S)	IM(S)	MLWO(S)	MLWO(S)	JIM(S)	MLWO(S)	IM(S)

**TOUR ROSTER OF FIELD OFFICERS OF LAHORE REGION FOR THE YEAR, 2012-13**

Sr.	Name of Sector	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE
1.	Taunsa Sharif, Zain.	MLWO(D)	MLWO(D)	JIM(D)	IM(H)	MLWO(D)	MLWO(D)	JIM(D)	MLWO(D)	MLWO(D)	MLWO(D)	JIM(D)	MLWO(D)
2.	Sakhi Sarwar & D. G. Khan.	MLWO(D)	IM(H)	MLWO(D)	JIM(D)	MLWO(D)	IM(H)	MLWO(D)	JIM(D)	MLWO(D)	MLWO(D)	JIM(D)	JIM(D)
3.	Khanewal, Multan, Mehargarh.	JIM(D)	MLWO(D)	MLWO(D)	MLWO(D)	JIM(D)	MLWO(D)	JIM(D)	MLWO(D)	JIM(D)	IM(H)	MLWO(D)	MLWO(D)
4.	Bahawalpur, Rahimyar Khan, Rajanpur.	MLWO(D)	JIM(D)	IM(H)	MLWO(D)	MLWO(D)	JIM(D)	IM(H)	MLWO(D)	MLWO(D)	JIM(D)	MLWO(D)	JIM(D)
5.	Shahkot & Sangla Hill.	-	MLWO(S)	-	IM(H)	MLWO(S)	-	-	IM(H)	MLWO(S)	-	-	IM(H)

**Note:** Every Cement Factory will be inspected by SRO/RO once in a year.

**Annexure-25****TOUR ROSTER OF FIELD OFFICERS OF RAWALPINDI REGION FOR THE YEAR, 2012-13**

Sr.	Name of Sector	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE
1.	Dina, Pindori, Tarki, Khanpur.	RO	JIM(J)	MLWO(C)	SRO	MLWO(C)	RO	JIM(J)	MLWO(C)	SRO	JIM(J)	IM(R)	SRO
2.	Tilla and Jalalpur Sharif.	JIM(J)	SRO	IM(R)	IM(R)	JIM(J)	RO	MLWO(C)	SRO	JIM(J)	SRO	RO	MLWO(C)
3.	Khewra, Nila and Lilla.	MLWO(C)	JIM(J)	MLWO(C)	SRO	IM(R)	JIM(J)	RO	MLWO(C)	RO	MLWO(C)	JIM(J)	SRO
4.	Ara, Gharibwal, Sidhandi.	JIM(J)	MLWO(C)	MLWO(C)	RO	JIM(J)	SRO	SRO	MLWO(C)	JIM(J)	IM(R)	SRO	SRO
5.	Saloi, Basharat, Sikki.	MLWO(C)	JIM(J)	SRO	MLWO(C)	RO	JIM(J)	MLWO(C)	SRO	MLWO(C)	JIM(J)	RO	SRO
6.	Dandot and Pidh.	MLWO(C)	MLWO(C)	IM(R)	SRO	MLWO(C)	IM(R)	JIM(J)	RO	IM(R)	SRO	JIM(J)	IM(R)
7.	Nali, Wahali and Ratucha.	MLWO(C)	RO	JIM(J)	IM(R)	MLWO(C)	JIM(J)	IM(R)	MLWO(C)	SRO	JIM(J)	IM(R)	SRO
8.	Choa Saidu Shah & Katas.	SRO	RO	MLWO(C)	JIM(J)	IM(R)	SRO	RO	JIM(J)	SRO	IM(R)	MLWO(C)	JIM(J)
9.	Dalwal and Dulmial.	MLWO(C)	IM(R)	SRO	JIM(J)	RO	MLWO(C)	MLWO(C)	JIM(J)	IM(R)	SRO	MLWO(C)	JIM(J)
10.	Badshahpur, Malkana & Chittidand.	IM(R)	SRO	JIM(J)	MLWO(C)	SRO	MLWO(C)	JIM(J)	IM(R)	SRO	MLWO(C)	JIM(J)	MLWO(C)
11.	Kalar Kahar, Karuli and Khaipur Malot.	MLWO(C)	IM(R)	MLWO(C)	JIM(J)	SRO	SRO	SRO	JIM(J)	MLWO(C)	RO	MLWO(C)	JIM(J)
12.	Nilawahn, Lafi, Munara and Sarkalan.	JIM(J)	MLWO(C)	SRO	IM(R)	JIM(J)	IM(R)	IM(R)	SRO	JIM(J)	MLWO(C)	RO	IM(R)
13.	Margalla (East).	MLWO(R)	-	IM(R)	-	MLWO(R)	IM(R)	MLWO(R)	JIM(A)	IM(R)	MLWO(R)	IM(R)	MLWO(R)
14.	Margalla (Valley).	MLWO(R)	RO	IM(R)	MLWO(R)	SRO	MLWO(R)	MLWO(R)	IM(R)	MLWO(R)	IM(R)	MLWO(R)	SRO
15.	Margalla (N. Monument).	JIM(A)	SRO	MLWO(R)	SRO	RO	MLWO(R)	IM(R)	SRO	MLWO(R)	MLWO(R)	IM(R)	IM(R)
16.	Margalla (Ziarat).	RO	MLWO(R)	SRO	RO	SRO	IM(R)	MLWO(R)	IM(R)	IM(R)	MLWO(R)	JIM(A)	MLWO(R)
17.	Usman Khattar, Farooqia, Hassanabdal and Wah.	IM(R)	MLWO(R)	MLWO(R)	MLWO(R)	IM(R)	MLWO(R)	JIM(A)	MLWO(R)	MLWO(R)	IM(R)	MLWO(R)	AMLW(C)
18.	Kahoota and Swan Camp, Baroha etc.	MLWO(R)	JIM(A)	AMLW(C)	MLWO(R)	MLWO(R)	IM(R)	AMLW(C)	MLWO(R)	MLWO(R)	AMLW(C)	IM(R)	MLWO(R)
19.	Lawrancepur, Hazro, Mirza, etc. (Attock).	IM(R)	MLWO(R)	MLWO(R)	IM(R)	MLWO(R)	MLWO(R)	AMLW(C)	MLWO(R)	IM(R)	MLWO(R)	JIM(A)	MLWO(R)
20.	Choi and Bagh Nilab.	MLWO(R)	IM(R)	MLWO(R)	MLWO(R)	IM(R)	MLWO(R)	AMLW(C)	JIM(A)	MLWO(R)	AMLW(C)	MLWO(R)	IM(R)
21.	Fateh Jang Road, Jabbi etc.	JIM(A)	JIM(A)	MLWO(R)	MLWO(R)	AMLW(C)	IM(R)	JIM(A)	AMLW(C)	MLWO(R)	IM(R)	MLWO(R)	MLWO(R)
22.	Nawa and Pindi Gheb.	MLWO(R)	JIM(A)	MLWO(R)	IM(R)	MLWO(R)	AMLW(C)	IM(R)	AMLW(C)	JIM(A)	MLWO(R)	JIM(A)	MLWO(R)

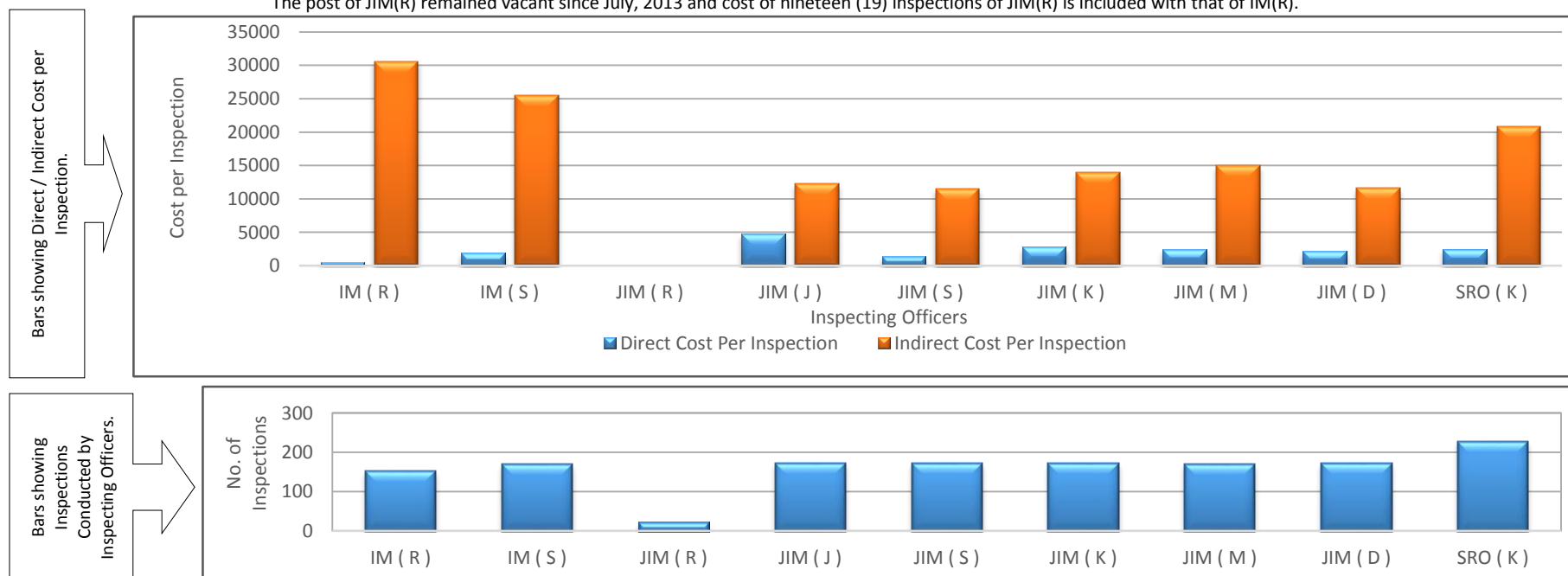
**Note:** Every Cement Factory will be inspected by SRO/RO once in a year.

**Annexure-26****COST OF INSPECTIONS OF INSPECTING OFFICERS FOR THE YEAR, 2013**

Description	IM(R)	IM(S)	JIM(R)	JIM(J)	JIM(S)	JIM(K)	JIM(M)	JIM(D)	SRO(K)
1	2	3	4	5	6	7	8	9	10
No. of Inspections	150	168	19	171	170	170	168	170	226
Total Direct Cost	83200	314331		815282	228479	481246	401732	371947	569765
Total Indirect Cost	4587562	4288057		2098347	1945497	2374160	2524025	1970550	4711592
Total Cost	4670762	4602388		2913629	2173976	2855406	2925757	2342497	5281357
Direct Cost Per Inspection	555	1871		4768	1344	2831	2391	2188	2521
Indirect Cost Per Inspection	30584	25524		12271	11444	13966	15024	11591	20848
<b>Total Cost Per Inspection</b>	<b>31138</b>	<b>27395</b>		<b>17039</b>	<b>12788</b>	<b>16797</b>	<b>17415</b>	<b>13779</b>	<b>23369</b>

**Note:** Direct Cost = T.A. / D.A; POL; Repair/Maintenance of Vehicle, Indirect Cost = Salary of Officers/Staff, Administrative/Overhead Exp. (Electricity/Phone etc.)

The post of JIM(R) remained vacant since July, 2013 and cost of nineteen (19) inspections of JIM(R) is included with that of IM(R).



**Annexure-27****NUMBER OF WORKERS AND OUTPUT OF COAL MINES IN PUNJAB  
UNDER THE MINES ACT, 1923, DURING THE YEAR, 2013**

CLASSIFICATION	NO. OF WORKERS			TOTAL
	D.G. KHAN REGION	RAWALPINDI REGION	SARGODHA REGION	

**(i) UNDERGROUND**

Overmen & Sirdar	0	945	225	1170
Coal Cutters	0	2562	1855	4417
Loaders	0	1584	1271	2855
Skilled Labour	0	1948	1053	3001
Un-skilled Labour	0	2231	1145	3376
<b>Total (i)</b>	<b>0</b>	<b>9270</b>	<b>5549</b>	<b>14819</b>

**(ii) OPEN WORKING**

Overmen & Sirdar	0	106	34	140
Coal Cutters	0	70	45	115
Loaders	0	124	69	193
Skilled Labour	0	151	88	239
Un-skilled Labour	0	205	221	426
<b>Total (ii)</b>	<b>0</b>	<b>656</b>	<b>457</b>	<b>1113</b>

**(iii) SURFACE**

Clerical & Supervisory	0	587	353	940
Skilled Labour	0	640	565	1205
Un-Skilled Labour	0	853	685	1538
<b>Total (iii)</b>	<b>0</b>	<b>2080</b>	<b>1603</b>	<b>3683</b>
<b>Grant Total (i + ii + iii)</b>	<b>0</b>	<b>12006</b>	<b>7609</b>	<b>19615</b>
<b>Total Output (Tons)</b>	<b>0</b>	<b>335737</b>	<b>183316</b>	<b>519053</b>

**Annexure-28**

**NUMBER OF WORKERS & OUTPUT OF MINERALS  
OTHER THAN COAL IN PUNJAB DURING THE YEAR, 2013  
UNDER THE MINES ACT, 1923**

DIVISION	TOTAL OUTPUT	NO. OF WORKERS			TOTAL
		UNDERGROUND	OPEN WORKING	SURFACE	

**(1) Argillaceous Clay**

Rawalpindi	4502968	0	852	844	<b>1696</b>
Sargodha	1137053	0	61	19	<b>80</b>
D. G. Khan	541985	0	8	0	<b>8</b>
<b>Total:</b>	<b>6182006</b>	<b>0</b>	<b>921</b>	<b>863</b>	<b>1784</b>

**(2) Bauxite**

Rawalpindi	2260	0	6	1	7
Sargodha	14665	14	9	6	29
<b>Total:</b>	<b>16925</b>	<b>14</b>	<b>15</b>	<b>7</b>	<b>36</b>

**(3) Bentonite**

Rawalpindi	2821	57	0	0	57
Sargodha	2720	0	3	7	10
<b>Total:</b>	<b>5541</b>	<b>57</b>	<b>3</b>	<b>7</b>	<b>67</b>

**(4) Brine**

Rawalpindi	51148	0	0	0	0
<b>Total:-</b>	<b>51148</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**(5) China Clay**

Sargodha	4710	0	0	0	0
<b>Total:</b>	<b>4710</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**(6) Dolomite**

Rawalpindi	5250	0	11	0	11
<b>Total:</b>	<b>5250</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>11</b>

**(7) Fire Clay**

Rawalpindi	491	6	0	0	6
Sargodha	341034	380	66	14	460
<b>Total:</b>	<b>341525</b>	<b>386</b>	<b>66</b>	<b>14</b>	<b>466</b>

**(8) Fuller Earth**

D. G. Khan	522	0	1	0	1
<b>Total:</b>	<b>522</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

**(9) Gravel**

Rawalpindi	3420	0	20	0	20
<b>Total:</b>	<b>3420</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>20</b>

**(10) Gypsum**

Rawalpindi	117134	175	337	156	668
Sargodha	291066	52	368	95	515
D. G. Khan	101727	57	137	48	242
<b>Total:</b>	<b>509927</b>	<b>284</b>	<b>842</b>	<b>299</b>	<b>1425</b>

**(11) Iron Ore**

Rawalpindi	3400	4	4	0	8
Sargodha	92268	106	4	1	111
D. G. Khan	35490	0	0	2	2
<b>Total:</b>	<b>131158</b>	<b>110</b>	<b>8</b>	<b>3</b>	<b>121</b>

**(12) Laterite**

Rawalpindi	32825	0	3	0	3
Sargodha	8229	7	12	0	19
<b>Total:</b>	<b>41054</b>	<b>7</b>	<b>15</b>	<b>0</b>	<b>22</b>



**(13) Lime Stone**

Rawalpindi	9863628	110	3666	248	4024
Sargodha	4815900	107	456	232	795
D. G. Khan	2397001	0	79	52	131
<b>Total:</b>	<b>17076529</b>	<b>217</b>	<b>4201</b>	<b>532</b>	<b>4950</b>

**(14) Marble**

Sargodha	0	10	0	0	10
<b>Total:</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>

**(15) Ocher**

Sargodha	11538	82	10	1	93
<b>Total:</b>	<b>11538</b>	<b>82</b>	<b>10</b>	<b>1</b>	<b>93</b>

**(16) Sand Stone**

Rawalpindi	231128	53	238	63	354
Sargodha	2162860	0	3992	151	4143
D. G. Khan	2312210	0	2042	104	2146
<b>Total:</b>	<b>4706198</b>	<b>53</b>	<b>6272</b>	<b>318</b>	<b>6643</b>

**(17) Rock Salt**

Rawalpindi	857594	2025	297	432	2754
Sargodha	1140644	932	181	214	1327
<b>Total:</b>	<b>1998238</b>	<b>2957</b>	<b>478</b>	<b>646</b>	<b>4081</b>

**(18) Silica Sand**

Sargodha	100584	226	1062	108	1396
D. G. Khan	23690	1	34	32	67
<b>Total:</b>	<b>124274</b>	<b>227</b>	<b>1096</b>	<b>140</b>	<b>1463</b>

<b>Grand Total :</b>	<b>4404</b>	<b>13959</b>	<b>2830</b>	<b>21193</b>
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**Annexure-29**

**NUMBER OF WORKERS IN AND ABOUT THE MINES DURING THE YEAR, 2013  
UNDER THE MINES ACT, 1923**

Classification	No. of Workers			Total
	D. G. Khan Region	Rawalpindi Region	Sargodha Region	

**(1) Argillaceous Clay****a) Open Working**

Forman & Mates	1	119	11	131
Miners	3	82	7	92
Skilled Labour	3	332	26	361
Un-Skilled Labour	1	319	17	337
<b>Total (a)</b>	<b>8</b>	<b>852</b>	<b>61</b>	<b>921</b>

**b) Surface**

Clerical & Supervisory Staff	0	108	5	113
Skilled Labour	0	361	5	366
Un-Skilled Labour	0	375	9	384
<b>Total (b)</b>	<b>0</b>	<b>844</b>	<b>19</b>	<b>863</b>
<b>Total (a+b)</b>	<b>8</b>	<b>1696</b>	<b>80</b>	<b>1784</b>

**(2) Bauxite****a) Underground**

Foreman & Mates	0	0	8	8
Skilled Labour	0	0	3	3
Un-Skilled Labour	0	0	3	3
<b>Total (a)</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>14</b>

**b) Open Working**

Foreman & Mates	0	1	2	3
Miners	0	0	5	5
Skilled Labour	0	2	0	2
Un-Skilled Labour	0	3	2	5
<b>Total (b)</b>	<b>0</b>	<b>6</b>	<b>9</b>	<b>15</b>

**c) Surface**

Clerical & Supervisory Staff	0	1	2	3
Unskilled Labour	0	0	4	4



<b>Total (c)</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>7</b>
<b>Total (a+b+c)</b>	<b>0</b>	<b>7</b>	<b>29</b>	<b>36</b>

**(3) Bentonite****a) Underground**

Foreman & Mates	0	48	0	48
Miners	0	6	0	6
Un-Skilled Labour	0	3	0	3
<b>Total (a)</b>	<b>0</b>	<b>57</b>	<b>0</b>	<b>57</b>

**b) Open Working**

Foreman & Mates	0	0	1	1
Miners	0	0	2	2
<b>Total (b)</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

**c) Surface**

Clerical & Supervisory Staff	0	0	1	1
Un-Skilled Labour	0	0	6	6
<b>Total (c)</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>
<b>Total (a+b+c)</b>	<b>0</b>	<b>57</b>	<b>10</b>	<b>67</b>

**(4) Dolomite****a) Open Working**

Foreman & Mates	0	1	0	1
Miners	0	1	0	1
Skilled Labour	0	1	0	1
Un-Skilled Labour	0	8	0	8
<b>Total</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>11</b>

**(5) Fire Clay****a) Underground**

Foreman & Mates	0	4	128	132
Miners	0	0	15	15
Skilled Labour	0	0	28	28
Un-Skilled Labour	0	2	209	211
<b>Total (a)</b>	<b>0</b>	<b>6</b>	<b>380</b>	<b>386</b>

**b) Open Working**

Foreman & Mates	0	0	10	10
Miners	0	0	21	21



Skilled Labour	0	0	17	17
Un-Skilled Labour	0	0	18	18
<b>Total (b)</b>	<b>0</b>	<b>0</b>	<b>66</b>	<b>66</b>

**c) Surface**

Skilled Labour	0	0	3	3
Unskilled Labour	0	0	11	11
<b>Total (c)</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>14</b>
<b>Total (a+b+c)</b>	<b>0</b>	<b>6</b>	<b>460</b>	<b>466</b>

**(6) Fuller Earth****a) Surface**

Un-Skilled Labour	1	0	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>

**(7) Gravel****a) Open Working**

Foreman & Mates	0	5	0	5
Skilled Labour	0	7	0	7
Un-Skilled Labour	0	8	0	8
<b>Total</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>20</b>

**(8) Gypsum****a) Underground**

Foreman & Mates	6	62	7	75
Miners	9	36	12	57
Skilled Labour	23	39	15	77
Un-Skilled Labour	19	38	18	75
<b>Total (a)</b>	<b>57</b>	<b>175</b>	<b>52</b>	<b>284</b>

**b) Open Working**

Foreman & Mates	18	43	21	82
Miners	19	79	128	226
Skilled Labour	56	120	140	316
Un-Skilled Labour	44	95	79	218
<b>Total (b)</b>	<b>137</b>	<b>337</b>	<b>368</b>	<b>842</b>

**c) Surface**

Clerical & Supervisory Staff	23	51	17	91
Skilled Labour	13	58	36	107



Unskilled Labour	12	47	42	101
<b>Total (c)</b>	<b>48</b>	<b>156</b>	<b>95</b>	<b>299</b>
<b>Total (a+b+c)</b>	<b>242</b>	<b>668</b>	<b>515</b>	<b>1425</b>

**(9) Iron Ore****a) Underground**

Foreman & Mates	0	4	23	27
Skilled Labour	0	0	5	5
Un-Skilled Labour	0	0	78	78
<b>Total (a)</b>	<b>0</b>	<b>4</b>	<b>106</b>	<b>110</b>

**b) Open Working**

Foreman & Mates	0	1	0	1
Miners	0	1	0	1
Skilled Labour	0	2	4	6
<b>Total (b)</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>8</b>

**c) Surface**

Clerical	2	0	1	3
<b>Total (c)</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>
<b>Total (a+b+c)</b>	<b>2</b>	<b>8</b>	<b>111</b>	<b>121</b>

**(10) Laterite****a) Underground**

Foreman & Mates	0	0	1	1
Un-Skilled Labour	0	0	6	6
<b>Total (a)</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>

**b) Open Working**

Foreman & Mates	0	1	3	4
Miners	0	0	2	2
Skilled Labour	0	0	4	4
Un-Skilled Labour	0	2	3	5
<b>Total (b)</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>15</b>
<b>Total (a+b)</b>	<b>0</b>	<b>3</b>	<b>19</b>	<b>22</b>

**(11) Lime Stone****a) Underground**

Foreman & Mates	0	39	19	58
Miners	0	33	9	42



Skilled Labour	0	28	21	49
Un-Skilled Labour	0	10	58	68
<b>Total (a)</b>	<b>0</b>	<b>110</b>	<b>107</b>	<b>217</b>

**b) Open Working**

Foreman & Mates	16	255	41	312
Miners	26	1098	49	1173
Skilled Labour	18	1105	171	1294
Un-Skilled Labour	19	1208	195	1422
<b>Total (b)</b>	<b>79</b>	<b>3666</b>	<b>456</b>	<b>4201</b>

**c) Surface**

Clerical & Supervisory Staff	29	25	20	74
Skilled Labour	8	88	58	154
Unskilled Labour	15	135	154	304
<b>Total (c)</b>	<b>52</b>	<b>248</b>	<b>232</b>	<b>532</b>
<b>Total (a+b+c)</b>	<b>131</b>	<b>4024</b>	<b>795</b>	<b>4950</b>

**(12) Marble****a) Underground**

Foreman & Mates	0	0	3	3
Miners	0	0	4	4
Un-Skilled Labour	0	0	3	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>10</b>

**(13) Ocher****a) Underground**

Foreman & Mates	0	0	34	34
Skilled Labour	0	0	14	14
Un-Skilled Labour	0	0	34	34
<b>Total (a)</b>	<b>0</b>	<b>0</b>	<b>82</b>	<b>82</b>

**b) Open Working**

Foreman & Mates	0	0	2	2
Miners	0	0	3	3
Skilled Labour	0	0	2	2
Un-Skilled Labour	0	0	3	3
<b>Total (b)</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>10</b>

**c) Surface**

Skilled Labour	0	0	1	1
<b>Total (c)</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Total (a+b+c)</b>	<b>0</b>	<b>0</b>	<b>93</b>	<b>93</b>

**(14) Sand Stone****a) Open Working**

Foreman & Mates	172	24	439	635
Miners	545	142	1142	1829
Skilled Labour	711	56	1413	2180
Un-Skilled Labour	614	69	998	1681
<b>Total (b)</b>	<b>2042</b>	<b>291</b>	<b>3992</b>	<b>6325</b>

**c) Surface**

Clerical	17	14	11	42
Skilled Labour	38	22	61	121
Unskilled Labour	49	27	79	155
<b>Total (c)</b>	<b>104</b>	<b>63</b>	<b>151</b>	<b>318</b>
<b>Total (a+b+c)</b>	<b>2146</b>	<b>354</b>	<b>4143</b>	<b>6643</b>

**(15) Rock Salt****a) Underground**

Foreman & Mates	0	104	76	180
Miners	0	844	269	1113
Skilled Labour	0	635	290	925
Un-Skilled Labour	0	442	297	739
<b>Total (a)</b>	<b>0</b>	<b>2025</b>	<b>932</b>	<b>2957</b>

**b) Open Working**

Foreman & Mates	0	29	11	40
Miners	0	48	35	83
Skilled Labour	0	99	55	154
Un-Skilled Labour	0	121	80	201
<b>Total (b)</b>	<b>0</b>	<b>297</b>	<b>181</b>	<b>478</b>

**c) Surface**

Clerical & Supervisory Staff	0	142	68	210
Skilled Labour	0	99	45	144
Unskilled Labour	0	191	77	268



Females	0	0	24	24
<b>Total (c)</b>	<b>0</b>	<b>432</b>	<b>214</b>	<b>646</b>
<b>Total (a+b+c)</b>	<b>0</b>	<b>2754</b>	<b>1327</b>	<b>4081</b>

**(16) Silica Sand****a) Underground**

Foreman & Mates	1	0	23	24
Miners	0	0	8	8
Skilled Labour	0	0	7	7
Un-Skilled Labour	0	0	188	188
<b>Total (a)</b>	<b>1</b>	<b>0</b>	<b>226</b>	<b>227</b>

**b) Open Working**

Foreman & Mates	6	0	55	61
Miners	12	0	13	25
Skilled Labour	7	0	33	40
Un-Skilled Labour	9	0	961	970
<b>Total (b)</b>	<b>34</b>	<b>0</b>	<b>1062</b>	<b>1096</b>

**c) Surface**

Clerical & Supervisory Staff	12	0	26	38
Skilled Labour	9	0	14	23
Unskilled Labour	11	0	68	79
<b>Total (c)</b>	<b>32</b>	<b>0</b>	<b>108</b>	<b>140</b>
<b>Total (a+b+c)</b>	<b>67</b>	<b>0</b>	<b>1396</b>	<b>1463</b>
<b>Grand Total:</b>	<b>2597</b>	<b>9608</b>	<b>8988</b>	<b>21193</b>



**Annexure-30****DISTRICT/MINERAL WISE LABOUR FORCE IN MINING INDUSTRY OF PUNJAB FOR THE YEAR, 2013**

NAME OF MINERALS	DISTRICTS OF PUNJAB								TOTAL
	ATTOCK	RAWALPINDI	JHELUM	CHAKWAL	SARGODHA	KHUSHAB	MIANWALI	D.G. KHAN / RAJAN PUR	
Arg. Clay	37	0	0	1659	0	70	10	8	1784
Bauxite	0	0	0	7	0	29	0	0	36
Bentonite	0	5	50	2	0	10	0	0	67
China Clay	0	0	0	0	0	0	0	0	0
Coal	0	0	1568	10438	0	4671	2938	0	19615
Dolomite	0	0	0	11	0	0	0	0	11
Fire Clay	4	0	0	2	0	105	355	0	466
Fullers Earth	0	0	0	0	0	0	0	1	1
Gravel	12	8	0	0	0	0	0	0	20
Gypsum	0	0	286	382	0	325	190	242	1425
Iron Ore	4	4	0	0	0	0	111	2	121
Laterite	0	0	0	3	0	14	5	0	22
Lime Stone	887	2460	111	566	0	437	358	131	4950
Marble	0	0	0	0	0	10	0	0	10
Ocher	0	0	0	0	0	24	69	0	93
Sand Stone	199	155	0	0	4143	0	0	2146	6643
Rock Salt	0	0	2174	580	0	1055	272	0	4081
Silica Sand	0	0	0	0	0	78	1318	67	1463
<b>Total:</b>	<b>1143</b>	<b>2632</b>	<b>4189</b>	<b>13650</b>	<b>4143</b>	<b>6828</b>	<b>5626</b>	<b>2597</b>	<b>40808</b>



**TOTAL MINING POPULATION OF COAL MINES IN PUNJAB  
IN SELECTED WEEK FROM 17<sup>TH</sup> – 23<sup>RD</sup> February, 2013**

**(i) TOTAL NUMBER ATTENDING WORK**

Classification	District Attock	District Jhelum	District Chakwal	Division Rawalpindi (1+2)	District Khushab	District Mianwali	District D.G. Khan	Division Sargodha (4+5+6)	Total (3+7)
	1	2	3	4	5	6	7	8	9
Underground	0	875	6505	<b>7380</b>	2295	1742	0	<b>4037</b>	<b>11417</b>
Open Working	0	72	358	<b>430</b>	342	18	0	<b>360</b>	<b>790</b>
Surface	0	158	912	<b>1070</b>	985	307	0	<b>1292</b>	<b>2362</b>
Females on Surface	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>Total (i)</b>	<b>0</b>	<b>1105</b>	<b>7775</b>	<b>8880</b>	<b>3622</b>	<b>2067</b>	<b>0</b>	<b>5689</b>	<b>14569</b>

**(ii) TOTAL NUMBER PREVENTED FROM WORK**

Classification	District Attock	District Jhelum	District Chakwal	Division Rawalpindi (1+2)	District Khushab	District Mianwali	District D.G. Khan	Division Sargodha (4+5+6)	Total (3+7)
	1	2	3	4	5	6	7	8	9
Underground	0	392	1822	<b>2214</b>	738	523	0	<b>1261</b>	<b>3475</b>
Open Working	0	18	75	<b>93</b>	73	51	0	<b>124</b>	<b>217</b>
Surface	0	39	152	<b>191</b>	221	153	0	<b>374</b>	<b>565</b>
Females on Surface	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>Total (i)</b>	<b>0</b>	<b>449</b>	<b>2049</b>	<b>2498</b>	<b>1032</b>	<b>727</b>	<b>0</b>	<b>1759</b>	<b>4257</b>
<b>Total (i&amp;ii)</b>	<b>0</b>	<b>1554</b>	<b>9824</b>	<b>11378</b>	<b>4654</b>	<b>2794</b>	<b>0</b>	<b>7448</b>	<b>18826</b>

**Annexure-32****ANALYSIS OF FIGURES RELATED TO OUTPUT OF COAL IN TONS  
FOR THE YEAR, 2013**

Sr. No.	Description	Region		Total
		Rawalpindi	Sargodha	
i	Open Stock	14969.040	10184.822	<b>25153.862</b>
ii	Raising	335736.980	183316.479	<b>519053.459</b>
iii	<b>Total (i + ii)</b>	<b>350706.020</b>	<b>193501.301</b>	<b>544207.321</b>
iv	Dispatches	335698.405	175903.073	<b>511601.478</b>
v	Colliery Consumption	425.500	12.000	<b>437.500</b>
vi	<b>Total (iv + v)</b>	<b>336123.905</b>	<b>175915.073</b>	<b>512038.978</b>
vii	<b>Closing Stock (iii – vi)</b>	<b>14582.115</b>	<b>17586.228</b>	<b>32168.343</b>

**Annexure-33****DISTRICT/MINERAL WISE PRODUCTION OF MINING INDUSTRY IN PUNJAB FOR THE YEAR, 2013**

NAME OF MINERALS	DISTRICTS OF PUNJAB								TOTAL
	ATTOCK	RAWALPINDI	JHELUM	CHAKWAL	SARGODHA	KHUSHAB	MIANWALI	D.G. KHAN / RAJAN PUR	
Arg. Clay	556374	0	0	3946594	0	402851	734202	541985	<b>6182006</b>
Bauxite	0	0	0	2260	0	13945	0	0	<b>16205</b>
Bentonite	0	344	2337	140	0	2720	0	0	<b>5541</b>
Brine	0	0	51148	0	0	0	0	0	<b>51148</b>
China Clay	0	0	0	0	0	0	4710	0	<b>4710</b>
Coal	0	0	60472	267194	0	180771	73074	0	<b>581511</b>
Dolomite	0	0	0	5250	0	0	0	0	<b>5250</b>
Fire Clay	340	0	0	150	0	29902	311132	0	<b>341524</b>
Fullers Earth	0	0	0	0	0	0	0	522	<b>522</b>
Gravel	2610	810	0	0	0	0	0	0	<b>3420</b>
Gypsum	0	0	24067	93067	0	31903	259163	101727	<b>509927</b>
Iron Ore	3220	180	0	0	0	0	92268	35490	<b>131158</b>
Laterite	28540	0	0	4285	0	7759	470	0	<b>41054</b>
Lime Stone	3234509	744490	483385	5401244	0	1690041	3125859	2397001	<b>17076529</b>
Marble	0	0	0	0	0	0	0	0	<b>0</b>
Ocher	0	0	0	0	0	3380	8158	0	<b>11538</b>
Sand Stone	126591	104537	0	0	12162860	0	0	2312210	<b>14706198</b>
Rock Salt	0	0	489655	367939	0	1019871	120773	0	<b>1998238</b>
Silica Sand	0	0	0	0	0	9538	91046	23690	<b>124274</b>
<b>Total:</b>	<b>3952184</b>	<b>850361</b>	<b>1111064</b>	<b>10088123</b>	<b>2162860</b>	<b>3392681</b>	<b>4820855</b>	<b>5412625</b>	<b>31790753</b>

**Annexure-34****AGGREGATE ELECTRIC POWER USED AND PURPOSE OF INSTALLATION  
BOTH ON SURFACE AND BELOW GROUND FOR THE YEAR, 2013****HORSE POWER USED ON SURFACE***Figures in Horsepower (H.P.)*

Purpose of Installation	NAME OF MINERAL					
	Coal	Gypsum	Lime Stone	Rock Salt	Silica Sand	Total
Winding	105	0	0	42	0	147
Ventilation	1721	5	0	95	0	1821
Haulage	0	0	1522	65	0	1587
Ore Dressing	0	0	685	0	112	797
Crushing/ Grinding	0	215	779	108	145	1247
Misc.	3354	55	980	187	138	4714
<b>Total (i)</b>	<b>5180</b>	<b>275</b>	<b>3966</b>	<b>497</b>	<b>395</b>	<b>10313</b>

**HORSE POWER USED BELOW GROUND**

Purpose of Installation	NAME OF MINERAL					
	Coal	Gypsum	Lime Stone	Rock Salt	Silica Sand	Total
Haulage	2078	0	0	75	0	2153
Pumping	1948	0	0	279	0	2227
Portable Machinery	58	0	0	25	0	83
Lighting	488	0	0	128	0	616
Misc.	1191	0	0	351	0	1542
<b>Total (ii)</b>	<b>5763</b>	<b>0</b>	<b>0</b>	<b>858</b>	<b>0</b>	<b>6621</b>
<b>Grand Total</b>	<b>10943</b>	<b>275</b>	<b>3966</b>	<b>1355</b>	<b>395</b>	<b>16934</b>

**Annexure-35****EXPLOSIVES USED AT MINES DURING THE YEAR, 2013 UNDER THE MINES ACT, 1923**

Sr. No.	Kind of Explosive	Coal	Fire Clay	Gypsum	Lime Stone	Sand Stone	Rock Salt	Silica Sand	Total
1.	Ammonium Nitrate/ANFO (Kg.)	1050	0	43	383518	0	0	0	384611
2.	Black Powder/ Gun Powder/ Super Blaster (Kg.)	0	0	2583	82530	0	616935	0	702048
3.	Braker / Super Braker (Kg.)	0	0	0	25609	0	0	0	25609
4.	Delay Relay Detonators (Nos.)	0	0	0	6701	0	0	0	6701
5.	Detonating Cord (Baifo & Wabo Cord) (Meters)	0	0	0	396215	0	0	38	396253
6.	Detonators (Nos.)	254365	50	5395	134910	4980	26042	645	426387
7.	Dynamite (Kg.)	0	0	0	37110	0	0	0	37110
8.	Emulite (Kg.)	0	0	0	267695	0	0	0	267695
9.	Gelatin/ Wabox (Kg.)	10105	0	0	0	0	0	0	10105
10.	Lehar (15-20 Meters) (Nos.)	0	0	0	19308	0	0	0	19308
11.	Plain Detonators (Nos.)	0	0	0	2914	0	0	0	2914
12.	Safety Fuse (Meters)	110345	0	26399	357305	0	813260	1210	1308519
13.	Wabonite (Kg.)	0	0	1975	24228	0	145	361	26709
14.	Wabox (Kg.)	154215	25	1335	165633	1956	12420	59	335643
<b>Total:</b>		<b>530080</b>	<b>75</b>	<b>37730</b>	<b>1903676</b>	<b>6936</b>	<b>1468802</b>	<b>2313</b>	<b>3949612</b>

**Annexure-36****DISTRICT-WISE NUMBER OF MINING LEASES/PROSPECTING LICENSES IN PUNJAB  
FOR THE YEAR ENDING, 2013**

Sr. No.	Name of District	Number of Leases		Total
		Mining Leases	Prospecting Licenses	
1.	Attock	63	28	91
2.	Rawalpindi	29	9	38
3.	Jhelum	80	31	111
4.	Chakwal	355	152	507
5.	Sargodha	35	1	36
6.	Khushab	263	173	436
7.	Mianwali	281	146	427
8.	Dera Ghazi Khan	56	54	110
9.	Rajan Pur	0	7	7
<b>Total:</b>		<b>1162</b>	<b>601</b>	<b>1763</b>

**Note:** This does not include the Minor Minerals granted through auction.

**Annexure-37****MINERALS/DISTRICT-WISE MINING LEASES/PROSPECTING LICENCES IN PUNJAB FOR THE YEAR ENDING, 2013**

Minerals	Attock		Rawalpindi		Jhelum		Chakwal		Sargodha		Khushab		Mianwali		D.G. Khan		Rajan Pur		TOTAL		Grand Total
	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	
Arg. Clay	2	-	-	-	-	-	6	-	-	-	4	-	-	-	2	-	-	-	14	-	14
Bauxite	-	-	-	-	1	1	-	6	-	-	9	12	-	1	-	-	-	-	10	20	30
Bentonite	1	3	-	6	11	6	4	2	-	-	4	7	-	-	-	-	-	-	20	24	44
Brine	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Celestite	-	-	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-	-	1	3	4
China Clay	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	4	4
Coal	-	4	-	-	22	4	246	33	-	-	67	35	23	11	1	4	-	-	359	91	450
Dolomite	-	-	-	-	-	-	2	3	-	-	-	1	5	-	-	-	-	-	7	4	11
Fire Clay	10	10	-	-	-	-	3	10	-	-	23	16	56	48	-	1	-	-	92	85	177
Fullers Earth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	3	1	4
Gypsum	-	-	-	-	29	18	15	61	-	-	26	34	15	14	33	34	-	3	118	164	282
Iron Ore	1	3	-	1	-	-	-	4	-	1	1	2	23	16	-	6	-	-	25	33	58
Laterite	1	7	-	1	-	-	-	18	-	-	-	21	-	3	-	-	-	-	1	50	51
Lime Stone	46	-	29	-	9	-	62	1	-	-	64	-	70	-	13	-	-	-	293	1	294
Marble	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	1	3
Marblite	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Ocher	-	-	-	-	-	-	-	2	-	-	6	3	10	14	-	-	-	-	16	19	35
Rock Salt	-	-	-	-	6	2	15	5	-	-	13	5	3	1	-	-	-	-	37	13	50
Sand Stone	-	-	-	-	-	-	-	-	35	-	1	-	-	-	-	-	-	-	36	-	36
Silica Sand	2	1	-	-	1	-	-	5	-	-	44	36	75	34	3	7	-	4	125	87	212
Total:	63	28	29	9	80	31	355	152	35	1	263	173	281	146	56	54	-	7	1,162	601	1,763
Grand Total:	91		38		111		507		36		436		427		110		7		1,763		

\* ML: Mining Leases \* PL: Prospecting Licenses



**Annexure-38****MONTH-WISE PROGRESS/BRIEF OF INSPECTOR OF MINES, SARGODHA FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	14	7	0	229	0	0	2	2	1	0	0	1	225	426
February	12	0	0	229	0	0	1	1	0	1	1	1	85	213
March	15	0	0	229	1	0	5	5	0	1	1	0	136	225
April	14	5	4	230	1	8000	3	3	0	0	0	1	218	306
May	14	1	0	231	0	0	2	2	0	0	0	2	154	326
June	14	0	0	231	0	0	2	2	0	0	0	2	148	186
July	14	6	12	225	1	1200	1	1	0	0	0	2	175	382
August	15	0	89	136	1	23700	3	3	0	0	0	3	164	272
September	12	1	42	95	1	18200	2	3	0	2	2	7	111	207
October	15	0	56	39	1	17400	2	2	0	0	0	3	128	284
November	14	0	0	39	1	0	1	1	0	0	0	5	203	217
December	15	49	35	53	1	24000	7	9	8	0	0	5	334	441
<b>Total:</b>	<b>168</b>	<b>69</b>	<b>238</b>	<b>53</b>	<b>8</b>	<b>92500</b>	<b>31</b>	<b>34</b>	<b>9</b>	<b>4</b>	<b>4</b>	<b>32</b>	<b>2081</b>	<b>3485</b>

**Annexure-39****MONTH-WISE PROGRESS OF INSPECTOR OF MINES, RAWALPINDI FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	15	0	0	495	0	0	0	0	0	0	0	0	140	225
February	15	3	0	404	0	0	1	1	0	0	0	1	100	318
March	19	1	0	405	0	0	1	1	0	0	0	0	84	158
April	16	0	0	405	0	0	3	3	0	0	0	2	155	174
May	0	0	0	405	0	0	1	2	0	0	0	0	103	119
June	0	0	0	405	0	0	0	0	0	3	3	0	155	174
July	14	0	0	405	0	0	1	1	0	1	1	1	112	240
August	14	0	0	405	0	0	1	1	0	0	0	5	134	226
September	15	18	0	423	0	0	3	3	0	1	2	1	73	265
October	14	0	0	423	0	0	3	3	0	0	0	2	112	204
November	14	2	0	425	0	0	1	1	2	0	0	1	110	202
December	14	1	0	426	0	0	3	3	0	2	3	0	89	419
<b>Total:</b>	<b>150</b>	<b>25</b>	<b>0</b>	<b>426</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>19</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>13</b>	<b>1367</b>	<b>2724</b>

**Annexure-40****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, KHUSHAB FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	15	-	22	192	3	10000	1	1	-	-	-	2	110	115
February	13	4	8	188	4	3500	1	1	-	-	-	2	89	122
March	14	12	-	200	-	-	2	2	-	-	-	2	109	101
April	14	3	-	203	-	-	0	0	0	0	0	2	84	84
May	14	3	0	206	1	0	0	0	0	0	0	2	110	102
June	14	9	37	178	5	12300	0	0	0	0	0	2	82	92
July	14	0	33	212	3	16000	1	1	0	0	0	2	66	133
August	14	0	0	212	0	0	0	0	0	0	0	2	47	124
September	15	3	11	204	3	5500	0	0	0	1	1	2	128	186
October	15	0	19	185	3	9500	2	2	0	0	0	2	60	166
November	14	0	18	167	4	9000	0	0	0	0	0	2	95	155
December	14	3	6	164	2	3000	0	0	0	0	0	2	85	117
<b>Total:</b>	<b>170</b>	<b>37</b>	<b>154</b>	<b>164</b>	<b>28</b>	<b>68800</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>24</b>	<b>1065</b>	<b>1497</b>

**Annexure-41****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, MIANWALI FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	14	4	6	51	1	2500	1	1	1	0	0	1	80	107
February	14	7	5	53	1	2000	0	0	0	1	1	1	36	91
March	14	4	4	53	1	1200	0	0	0	1	1	2	151	124
April	14	6	9	50	3	10000	1	1	0	0	0	2	57	108
May	14	2	0	52	1	0	0	0	0	0	0	1	52	121
June	14	2	4	51	1	1900	1	1	0	0	0	0	72	103
July	14	4	4	51	1	1600	0	0	0	0	0	0	27	108
August	14	0	0	51	0	0	1	1	0	0	0	1	26	94
September	14	6	5	52	1	2400	1	2	0	0	0	3	79	184
October	14	0	7	45	2	2500	0	0	0	0	0	1	40	246
November	14	21	3	63	2	2400	0	0	0	0	0	1	139	175
December	14	5	0	68	0	0	2	4	7	0	0	2	104	136
<b>Total:</b>	<b>168</b>	<b>61</b>	<b>47</b>	<b>68</b>	<b>14</b>	<b>26500</b>	<b>7</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>15</b>	<b>863</b>	<b>1597</b>

**Annexure-42****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, D. G. KHAN FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	14	0	0	65	0	0	0	0	0	0	0	7	26	38
February	14	0	0	65	0	0	0	0	0	0	0	5	12	32
March	14	0	0	65	0	0	0	0	0	0	0	8	5	21
April	14	0	0	65	0	0	0	0	0	0	0	8	8	69
May	14	0	65	0	1	0	0	0	0	0	0	4	12	42
June	14	5	0	5	0	0	0	0	0	0	0	8	25	32
July	14	0	0	5	0	0	0	0	0	0	0	8	23	44
August	14	0	0	5	0	0	0	0	0	0	0	10	18	50
September	14	2	0	7	0	0	0	0	0	0	0	5	17	94
October	15	0	0	7	0	0	0	0	0	0	0	5	8	43
November	15	0	0	7	0	0	1	1	0	0	0	3	20	33
December	14	4	0	7	0	0	0	0	0	0	0	5	15	57
<b>Total:</b>	<b>170</b>	<b>11</b>	<b>65</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76</b>	<b>189</b>	<b>555</b>

**Annexure-43****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, JHELM FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended	Diary	Despatch
January	14	10	0	160	0	0	0	0	0	0	0	1	141	238
February	14	0	0	160	0	0	1	1	0	0	0	3	94	99
March	14	0	0	160	0	0	1	1	0	0	0	0	52	175
April	14	12	0	172	0	0	3	3	0	0	0	2	113	305
May	14	6	0	192	1	0	1	2	0	0	0	2	101	159
June	14	36	0	228	0	0	0	0	0	3	3	2	48	322
July	15	11	0	239	1	0	1	1	0	1	1	2	181	99
August	14	0	0	239	0	0	1	1	0	0	0	2	57	205
September	15	9	0	248	4	0	3	3	0	1	2	2	71	162
October	14	9	0	257	2	0	2	2	0	0	0	0	63	150
November	15	8	39	226	3	34200	1	1	2	0	0	1	137	264
December	14	23	0	249	3	0	3	3	0	2	3	1	78	300
<b>Total:</b>	<b>171</b>	<b>124</b>	<b>39</b>	<b>249</b>	<b>14</b>	<b>34200</b>	<b>17</b>	<b>18</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>18</b>	<b>1136</b>	<b>2478</b>

**Annexure-44****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, SARGODHA FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended
January	12	0	0	273	1	0	0	0	0	0	0	1
February	12	0	0	273	1	0	0	0	0	0	0	2
March	20	10	0	283	0	0	3	3	0	0	0	2
April	16	0	0	283	0	0	2	2	0	0	0	1
May	10	0	0	283	0	0	2	2	0	0	0	1
June	20	0	0	283	0	0	1	1	0	0	0	2
July	14	3	21	265	3	1600	0	0	0	0	0	3
August	12	0	169	96	3	14000	2	2	0	0	0	2
September	13	19	16	99	2	6500	1	1	0	1	1	2
October	13	0	54	45	3	12100	0	0	0	0	0	3
November	13	0	0	45	2	0	1	1	0	0	0	3
December	15	96	125	16	2	45000	5	5	1	0	0	3
<b>Total:</b>	<b>170</b>	<b>128</b>	<b>385</b>	<b>16</b>	<b>17</b>	<b>79200</b>	<b>17</b>	<b>17</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>25</b>

**Annexure-45****MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, RAWALPINDI FOR THE YEAR, 2013**

Months	Inspections	Prosecutions	Cases Decided	Cases pending Including backlog	Courts Attended	Fine Recovered (Rs.)	Fatal Accidents	Persons Died	Persons Injured	Serious Accidents	Persons Injured	Meetings Attended
January	3	1	0	1	0	0	0	0	0	0	0	1
February	1	0	0	1	1	0	0	0	0	0	0	1
March	1	1	0	2	1	0	0	0	0	0	0	3
April	0	0	0	2	0	0	0	0	0	0	0	3
May	14	0	0	2	0	0	0	0	0	0	0	4
June	0	0	0	2	0	0	0	0	0	0	0	3
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>19</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>

*The post of Jr. Inspector of Mines, Rawalpindi remained vacant from July, 2013 to onward.*



**OFFICES AND CONTACT DETAILS**

Sr.	Description	Telephone No.	E-mail Address
1.	Office of the Chief Inspector of Mines, Punjab, 153-Shah Jamal Colony, Lahore-54600:		
	Chief Inspector of Mines, Punjab/ Mines Labour Welfare Commissioner, Punjab.	042-35403570 042-35403571	cim_punjab@yahoo.com
	Deputy Chief Inspector of Mines.	042-35403572	sidiquech@gmail.com
	Director Mines Labour Welfare.	042-35403578	riazach@yahoo.com
	Training Officer / Inspector of Mines (Hqrs).	042-35403577	hamid_iqbal61@hotmail.com
	Deputy Director (Budget & Statistics).	042-35403575	irfanakm@yahoo.com
	Budget Officer.	042-35403573	-
	Cess Officer.	042-35403576	nab007@yahoo.com
	Statistical Officer.	042-35403573	yskhanpk@yahoo.com yskhanpk1@gmail.com
	Jr. Inspector of Mines (Hqrs.)	042-35403577	engrmianafzal@gmail.com
	Fax:	042-35403579	-
2.	Office of the Director Mining Development Cell, 153-Shah Jamal Colony, Lahore-54600.	042-35403580	muhammaddilshadbaloach@gmail.com
3.	Office of the Director Punjab School of Mines, Katas, Choa Saiden Shah, District Chakwal.	0543-580090 0543-580238	dpsm_katas@yahoo.com yaqoobengr827@hotmail.com
4.	Office of the Mine Manager, Training Mine, Katas, Choa Saiden Shah, District Chakwal.	0543-580023	mmkatas@yahoo.com
5.	Office of the Inspector of Mines, Rawalpindi. House No.518, 1-10/4, Main Double Road, Islamabad.	051-4433336	im_rwp@yahoo.com



## Section-X

## Annexures



6.	Office of the Inspector of Mines Sargodha. House No. 100/24-C, Satellite Town, Zaidi Road, Sargodha.	048-215518	im_sargodha@yahoo.com m_yaseen.2010@yahoo.com
7.	Office of the Sr. Research Officer, Mine Sample & Testing Laboratory, 1-Skaiser Road, Khushab.	0454-710636	saleem_langah@yahoo.com
8.	Office of the Rescue Superintendent, Mines Rescue & Safety Station, 1-Skaiser Road, Khushab.	0454-711434 0454-711834	rescuesuperintendent@yahoo.com
9.	Office of the Rescue Instructor, Mines Rescue & Safety Sub-Station, Khewra Road, Choa Saiden Shah, District, Chakwal.	0543-580041	rescueinstructorchoa@yahoo.com mustafaraz1@hotmail.com
10.	Office of the Rescue Instructor, Mines Rescue & Safety Sub-Station, Makerwal, District Mianwali.	0459-384043	rimakerwal@yahoo.com
11.	Office of the Jr. Inspector of Mines, Jhelum. 32-Lalazar Colony, Jhelum	0544-623691	jimjhelum@yahoo.com
12.	Office of the Jr. Inspector of Mines, Sargodha. House No. 100/26-C, Satellite Town, Zaidi Road, Sargodha.	048-215518	jimsargodha@yahoo.com
13.	Office of the Jr. Inspector of Mines, Khushab. 1-Skaiser Road, Khushab.	0454-710940	muhammadkabir1990@yahoo.com
14.	Office of the Jr. Inspector of Mines, Mianwali. 7-Muslim Colony, Mianwali.	0459-234973	jim_mi82@yahoo.com
15.	Office of the Jr. Inspector of Mines, Dera Ghazi Khan. 267-Nizami Town, Near Jamia Qadsia, Dera Ghazi Khan.	0641-470596	enr.aslam99@yahoo.com
16.	Office of the Principal, Mine Survey Institute, Makerwal District Mianwali.	0459-384128	pmsimakerwal@yahoo.com