

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



Annual Report, 2011

of

**Chief Inspector of Mines,
Punjab**

Prepared by: **Yasin Sultan Khan,**
Statistical Officer

Scrutinized by: **Irfan Akram,**
Deputy Director (Budget & Statistics)

Proof Reading by: **Nadia Najaf,**
Translator

Edited by: **Riaz Ahmed Ch.**
Director Mines Labour Welfare

Approved by: **Ehgr. Muhammad Siddique,**
Chief Inspector of Mines, Punjab.

I N D E X

Sr. No.	Subject	Page No.
1	SECTION-I (INTRODUCTION)	1
2	SECTION-II (FUNCTIONS AND ACTIVITIES)	4
3	Inspections conducted – Bar Chart.	6
4	Inspections & Prosecutions – Bar Chart.	7
5	List of Fatal Accidents.	8
6	List of Serious Accidents.	15
7	Inquiries into Fatal Accidents.	17
8	Accident Analysis.	18
9	Classification of Fatal Accidents – Pie Diagram.	21
10	Classification of Serious Accidents – Pie Diagram.	22
11	Fatal Accidents in Punjab with respect to timings.	23
12	Fatal Accidents in Punjab with respect to Days.	24
13	Fatal Accidents in Punjab District-wise.	25
14	Rescue & Recovery	26
15	Mines Rescue & Safety Station, Khushab.	26
16	Mines Rescue & Safety Sub-Station, Makerwal.	28
17	Mines Rescue & Safety Sub-Station, Choa Saiden Shah.	29
18	Teaching and Training	30
19	Punjab School of Mines, Katas.	30
20	Mine Survey Institute, Makerwal.	33
21	In-Service Training.	36
22	Model Mine -- Demonstration -- Transfer of Technology.	37

23	Mine Sample Testing – Research.	41
24	Planning & Development.	42
25	Organizational Setup (Chart).	45
26	SECTION-III (STAFF STRENGTH)	46
27	List of officers of the Inspectorate of Mines, Punjab.	46
28	Transfer & postings of officers.	49
29	Officers holding the Additional Charge.	49
30	Promotions of officers.	50
31	New appointments of officers.	50
32	Ex-Pakistan/Extra Ordinary/Earned Leaves of officers.	51
33	Grade-wise Strength of Inspectorate of Mines, Punjab.	52
34	Distribution of Permanent/Temporary Posts Office of the Chief Inspector of Mines, Punjab, Lahore.	53
35	Office of the Inspector of Mines, Sargodha.	54
36	Office of the Inspector of Mines, Rawalpindi.	54
37	Office of the Jr. Inspector of Mines, Jhelum.	55
38	Office of the Jr. Inspector of Mines, D.G. Khan.	55
39	Office of the Jr. Inspector of Mines, Mianwali.	55
40	Office of the Jr. Inspector of Mines, Khushab.	56
41	Office of the Rescue Superintendent, Mines Rescue & Safety Station, Khushab.	56
42	Office of the Sr. Research Officer, Mine Sample Testing Laboratory, Khushab.	57
43	Office of the Rescue Instructor, Mines Rescue & Safety Sub-Station, Choa Saiden Shah, District Chakwal.	57
44	Office of the Rescue Instructor, Mines Rescue & Safety Sub-Station, Makerwal, District Mianwali.	58
45	Office of the Director, Punjab School of Mines, Katas, Choa Saiden Shah, District Chakwal.	58

46	Office of the Principal, Mines Survey Institute, Makerwal, District Mianwali.	60
47	Office of the Mine Manager, Training Mine, Katas, Choa Saiden Shah, District Chakwal.	60
48	Office of the Director, Mining Development Cell, Lahore.	62
49	SECTION-IV (DIFFERENT BOARDS) Board of Examiners.	63
50	Mining Board.	64
51	Placement Board.	65
52	List of Mining Engineers/Supervisors referred to Mining Firms.	65
53	SECTION-V (INITIATIVES)	67
54	Establishment of Development Projects.	70
55	SECTION-VI (LABOUR FORCE)	77
56	Male & Female Labour Force in mining.	77
57	Labour Force in different minerals for the last 10 years.	79
58	SECTION-VII (OUTPUT OF MINERALS)	80
59	Production of Minerals for the last 10 years.	86
60	SECTION-VIII (ELECTRIC POWER USED IN MINES)	87
61	SECTION-IX (EXPLOSIVES)	88
62	SECTION-X (ANNEXURES)	89
63	Annexure-1 Month-wise progress of Mines Rescue & Safety Station, Khushab.	89
64	Annexure-2 List of the participants of Regular Rescue Training Courses conducted at Mines Rescue & Safety Station, Khushab.	90
65	Annexure-3 Month-wise progress of Mines Rescue & Safety Sub-Station, Makerwal, District Mianwali.	99

66	Annexure-4 List of Participants of Rescue Refresher Courses conducted at Mines Rescue & Safety Sub-Station, Makerwal District Mianwali.	100
67	Annexure-5 Month-wise progress of Mines Rescue & Safety Sub-Station, Choa Saiden Shah, District Chakwal.	102
68	Annexure-6 Participants of Rescue Refresher Courses conducted at Mines Rescue & Safety Sub-Station, Choa Saiden Shah, District Chakwal.	103
69	Annexure-7 Year Wise Admission and Result Status of Punjab School of Mines, Katas.	106
70	Annexure-8 Month-Wise Progress of Mines Sample Testing Laboratory, Khushab.	108
71	Annexure-9 Month-wise Sub-Standard Samples with Percentage.	109
72	Annexure-10 Targets Evaluation for the Month of January, 2010.	110
73	Annexure-11 Targets Evaluation for the Month of February, 2010.	112
74	Annexure-12 Targets Evaluation for the Month of March, 2010.	114
75	Annexure-13 Targets Evaluation for the Month of April, 2010.	116
76	Annexure-14 Targets Evaluation for the Month of May, 2010.	118
77	Annexure-15 Targets Evaluation for the Month of June, 2010.	120
78	Annexure-16 Targets Evaluation for the Month of July & August, 2010.	122
79	Annexure-17 Targets Evaluation for the Month of September, 2010.	125

80	Annexure-18 Targets Evaluation for the Month of October, 2010.	127
81	Annexure-19 Targets Evaluation for the Month of November, 2010.	129
82	Annexure-20 Targets Evaluation for the Month of December, 2010.	131
83	Annexure-21 Tour Roster of Field Officers of Sargodha and Lahore Regions.	133
84	Annexure-22 Tour Roster of Field Officers of Rawalpindi Region.	134
85	Annexure-23 Consolidated Cost of Inspections of Inspecting Officers.	135
86	Annexure-24 Number of Workers and Output of Coal Mines in Punjab.	136
87	Annexure-25 Number of Workers and Output of Minerals other than coal.	137
88	Annexure-26 Number of Workers in and about the mines.	140
89	Annexure-27 Total Mining Population of Coal Mines in Punjab during a Selected Week of February.	150
90	Annexure-28 Analysis of figures relating to Output of Coal in tons.	151
91	Annexure-29 Aggregate Electric Power used and purpose of Installation both on Surface and Below Ground.	152
92	Annexure-30 Explosive used at Mines.	153
93	Annexure-31 District/Mineral Wise Labour Force In Mining Industry of Punjab.	154
94	Annexure-32 District/Mineral Wise Production In Mining Industry of Punjab.	155

95	Annexure-33 Non-Development Budget.	156
96	Annexure-34 Budget Allocation and Expenditure (Bar Chart).	157
97	Annexure-35 Number of Mining Leases/Prospecting Licenses In Punjab (District-wise).	158
98	Annexure-36 Mineral/District-wise Mining Leases/Prospecting Licenses in Punjab.	159
99	Annexure-37 Month-wise Progress/Brief of Inspector of Mines, Sargodha.	160
100	Annexure-38 Month-wise Progress/Brief of Inspector of Mines, Rawalpindi.	161
101	Annexure-39 Month-wise Progress/Brief of Jr. Inspector of Mines, Khushab.	162
102	Annexure-40 Month-wise Progress/Brief of Jr. Inspector of Mines, Mianwali.	163
103	Annexure-41 Month-wise Progress/Brief of Jr. Inspector of Mines, D.G. Khan.	164
104	Annexure-42 Month-wise Progress/Brief of Jr. Inspector of Mines, Jhelum.	165
105	Annexure-43 Month-wise Progress/Brief of Jr. Inspector of Mines, Sargodha.	166
106	Annexure-44 Offices and contact details.	167

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 41734 mine workers are employed by 1470 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. The setup of the Inspectorate may show very sketchy staff strength but they are highly qualified engineers duly groomed managers as well.
- 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 21.03.2002. With the creation of the new Department of Mines and Minerals, the Chief Inspectorate of Mines has become its Attached Department w.e.f. 01.08.2003 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 w.e.f. 31.12.2003.
- 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. The 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 to boost up the mining activity under safe and healthy working conditions. For this purpose Inspectorate of Mines took the pioneer step by establishing the Punjab School of Mines, Katas which is producing the diploma holders in the field of mining with the objective 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. There is still a dire need to strengthen the department and improving the status of mining bringing it up to the compatible level to other industries.

- 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 being implemented through this Inspectorate, the statistical information on production of minerals and 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 16.05.1955 is not included in this report. 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 terms mining rights through

auction by the Director General Mines and Minerals. Due to the shortage of staff at Headquarters as well as 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.

- 1.6 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 24000 workers have been registered by the Mines Labour Welfare Officers up to the end of the year under report.

SECTION-II

(FUNCTIONS & ACTIVITIES)

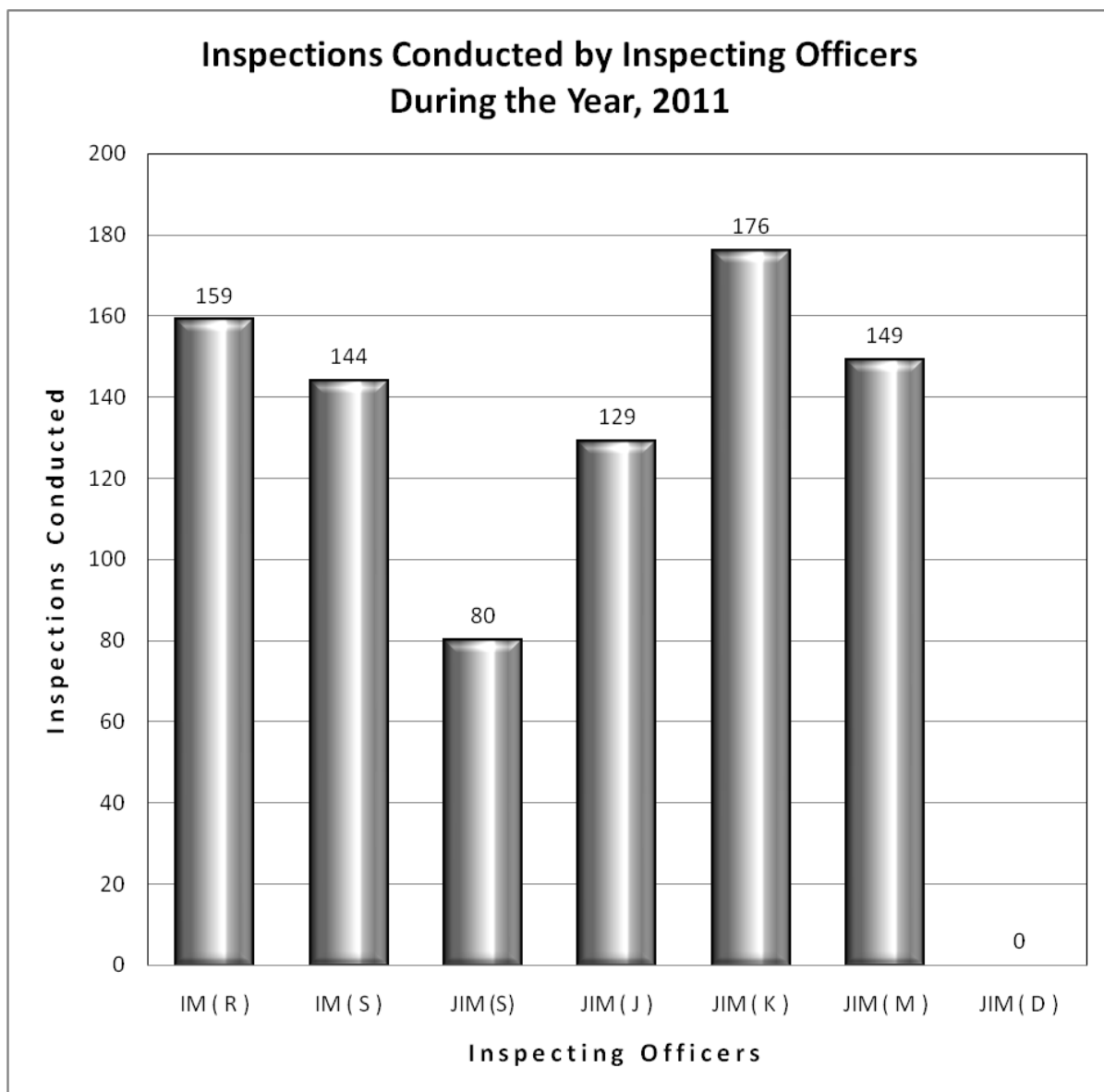
2.1 The Inspectorate of Mines, Punjab is responsible for the implementation of the Mines Act, Rules and Regulations and Labour Laws applicable over the mines. The primary functions are to ensure safety, health and welfare of the mine workers. The Inspectors of Mines are responsible to ensure regulatory functions through the inspections of mines/quarries by conducting inquiries into the serious/fatal accidents and follow up of cases in different courts for contravention of different provisions of the Mines Act.

Functions and Activities of Inspectorate of Mines Punjab

WINGS/ FUNCTIONS	ACTIVITIES	OFFICERS RESPONSIBLE
MINE SAFETY AND INSPECTION	1.1 Inspections of Mines. 1.2 Prosecutions of defaulters. 1.3 Inquiries into accidents. 1.4 Mines 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.

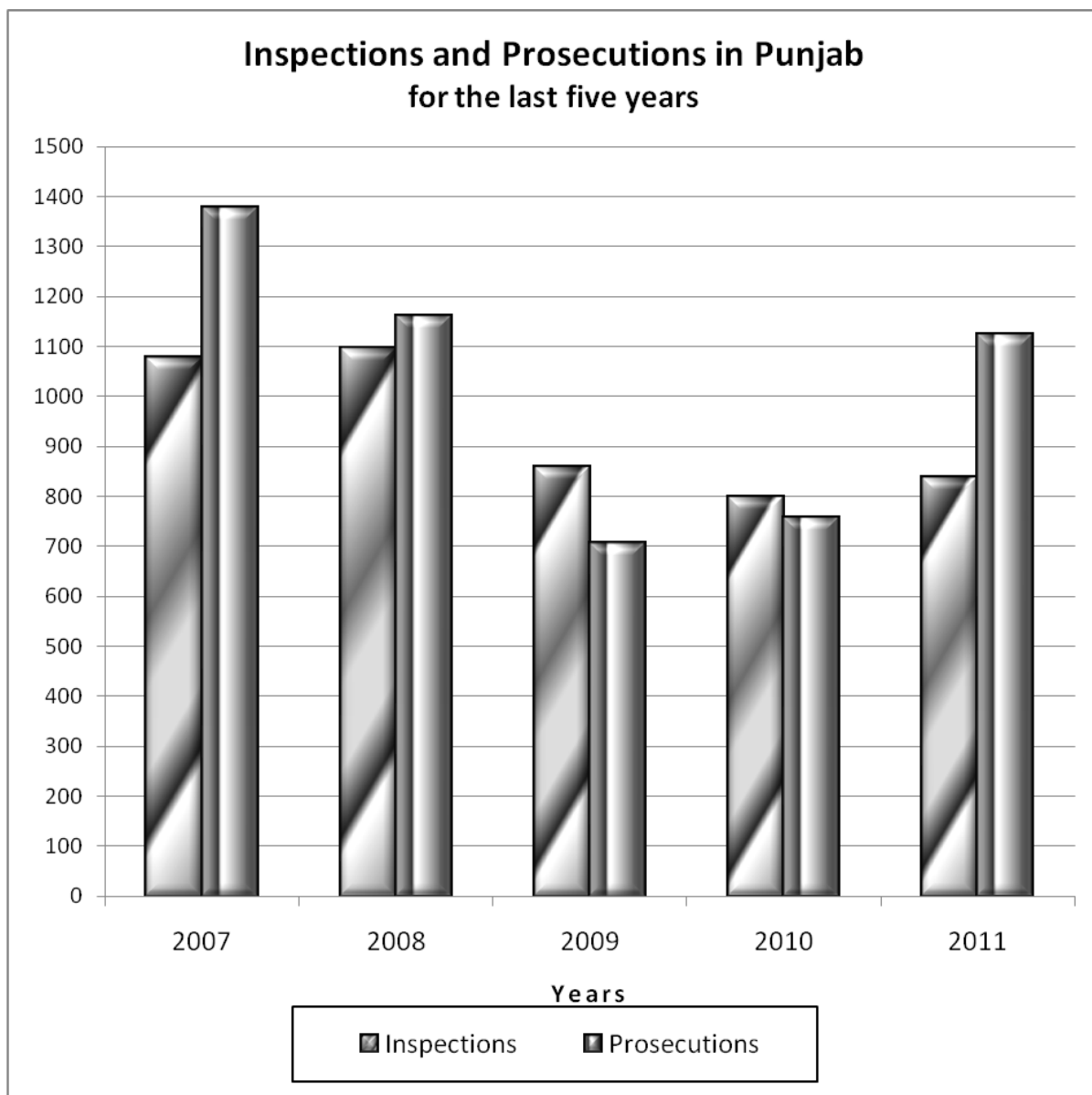
	<p>PART-II (PRE-EMPLOYMENT)</p> <p>3.2.1 3 years Diploma Course (DAE) in Mining Technology.</p> <p>3.2.2 3 years Diploma Course (DAE) in Electrical Technology. (Specialization in Mining)</p> <p>3.2.3 3 years Diploma Course (DAE) in Mechanical Technology. (Specialization in Mining)</p> <p>3.2.4 3 years 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>	<p>4.1 to 4.3 Mine Manager and his staff.</p>
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>	<p>7.1 to 7.4 Inspector of Mines in co-ordination with Mines Medical Officers of Mines Labour Welfare Organization.</p>
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>	<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.</p>

2.2 For implementation of Mines Act, the Inspecting Officers carry out inspections of mines/quarries in their respective districts/regions. A total of 837 inspections were made during the year under report. Number of inspections conducted by each officer is reflected as under:



- The post of Jr. Inspector of Mines, D. G. Khan remained vacant throughout the year.

2.2.1 The progress related to Inspections and prosecution for the last 5 years is given below:



<u>Years</u>	<u>Inspections</u>	<u>Prosecutions</u>
2007	1078	1379
2008	1096	1161
2009	859	706
2010	799	758
2011	837	1124

2.3 Mining is highly risky, arduous and dangerous venture and full of uncertainties. Accidents do happen for some negligence on the part of management. Fatalities in the coal mines are definitely a point of concern. Moreover, 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:

List of Fatal Accidents:

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
1.	M/s. Amir Majeed Khan Niazi, Block No. 6/116 SB. Sargodha.	04.01.2011 Tuesday	1000 Hrs.	Mr. Bashir Ahmed S/o. Gul Khan, Aged 45 years. Near Circuit House, 107/SB, Sargodha.	Drillman	Misc. on Surface	Sand Stone Sargodha
2.	M/s. PUNJMIN, Padhrar, Haulage Road, Khushab. ML-KHB-Coal(35)	05.01.2011 Wednesday	1400 Hrs.	Mr. Asal Ghulam S/o. Sammar Jan, Aged 31 years.	Coal Cutter	Haulage	Coal Khushab
3.	M/s. Hafeez Ullah Khan, Mine No. 5, V. & P.O. Maghal, District Chakwal. ML-CKL-I-Coal(89)	18.01.2011 Tuesday	1230 Hrs.	Mr. Resham Khan S/o. Malik Din, Aged 54 years.	Kacha Worker	Fall of Side	Coal Chakwal
4.	M/s. Nazar & Co; Khewra. Mine No. 16-H/L (Ara Group), District Jhelum. ML-CKL-II-Coal(27)	20.01.2011 Thursday	2000 Hrs.	Mr. Amanullah S/o. Faqir Muhammad, Aged 25 years.	Kacha Worker	Fall of Roof	Coal Chakwal
5.	M/s. Al-Khair Mining, Incline-A, Cahakwal. ML-CKL-I-Coal(198)	23.01.2011 Sunday	1430 Hrs.	1) Mr. Liaqat Ali S/o. Naeem Shah, Aged 28 years. 2) Mr. Noor Badshah S/o. Niabat Khan, Aged 23 years. 3) Mr. M. Amal S/o. M. Hassan, Aged 30 years. 4) Mr. Bakhat Rawan S/o. Jefal Khan, Aged 40 years.	Kacha Worker -do- -do- -do-	Gas Explosion (Methane Gas)	Coal Chakwal

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
6.	M/s. Syed Fazal Abbas Sherazi, Chak No.1/ 48 SB, Sargodha.	31.01.2011 Monday	2230 Hrs.	Mr. Zafar Iqbal S/o. Muhammad Khan, Aged 35 years.	Drillman	Misc. on Surface	Sand Stone Sargodha
7.	M/s. PMDC Salt Mine, Khewara, Main Mine New Chamber No. 51, District Jhelum. ML-JLM-Rock Salt(1)	01.03.2011 Tuesday	0800 Hrs.	Mr. Imran Khan S/o. Abdul Rehman, Aged 26 years.	Tractor Driver	Sundry Underground	Rock Salt Jhelum
8.	M/s. Kharasan Coal Co; Mine No. 4 H.L; District Chakwal. ML-CKL-I-Coal(14)	06.03.2011 Sunday	1130 Hrs.	Mr. Fayyaz Khan S/o. Shah Khan, Aged 36 years.	Coal Cutter	Fall of Roof	Coal Chakwal
9.	M/s. Amir Majeed Khan Niazi, 195-A, Satellite Town, Sargodha. Block 4-A/123, SB, Sargodha.	07.03.2011 Monday	0700 Hrs.	Mr. Sher Zaman Khan, S/o. Yar Muhammad, Aged 35 years.	Quarry Worker	Misc. on Surface (Slippage of Foot)	Sand Stone Sargodha
10.	M/s. Makerwal Collieries, Tunnel No. 1, Janoobi Karandi, D Section, Makerwal. ML-MLI-Coal(1)	19.03.2011 Saturday	0630 Hrs.	Mr. Muhammad Iqbal S/o. Noor Hassan, Aged 22 years.	Coal Cutter	Suffocation by Gas	Coal Mianwali
11.	M/s. Tanveer Ahmed, Chak No. 30 SB, Sargodha. Block No. 6/123 SB, Sargodha.	20.03.2011 Sunday	1545 Hrs.	Mr. Muhammad Shabir S/o. Bashir Ahmed, Aged 41 years.	Quarry Worker	Misc. on Surface (Slippage of Foot)	Sand Stone Sargodha
12.	M/s. Abdul Rasheed Khan Niazi, Block No. 7-B/116 SB, Sargodha.	29.03.2011 Tuesday	0900 Hrs.	Mr. Qamar Abbas S/o. Hayat, Aged 31 years. R/o Chak No. 7-B/116 SB.	Drillman	Fall of Side/ Lose Material.	Sand Stone Sargodha
13.	M/s. PMDC Salt Mines Warcha. Tunnel No. 1 Jan Sukh Mine, Khushab. ML-KHB-Rock Salt (1)	05.04.2011 Tuesday	1510 Hrs.	Mr. Liaqat Hussain S/o. Muhammad Fareed, Aged 51 years.	Salt Cutter	Fall of Roof	Rock Salt Khushab

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
14.	M/s. PMDC Salt Mines, Khewra. Main Mine, Chamber No.19, 26 Incline, 3 rd Level, District Jhelum. ML-JLM-Rock Salt (1)	06.04.2011 Wednesday	0830 Hrs.	Mr. Muhammad Farooq S/o. Muhammad Sharif, Aged 52 years.	Worker	Sundry Underground	Rock Salt Jhelum
15.	M/s. Ch. Muhammad Hanif Gujjar, Block No. 11+12/A+B/126 SB, Sargodha.	06.04.2011 Wednesday	0100 Hrs.	Mr. Muhammad Pervaiz S/o. Muhammad Gulzar, Aged 19 years.	Worker	Misc. on Surface (Fell down from height of 100 feet)	Sand Stone Sargodha
16.	M/s. Muhammad Amin Brothers (Pvt.) Ltd; Galley No. 18 (Coal Face), Khushab. ML-KHB-Coal(7)	23.04.2011 Saturday	0815 Hrs.	Mr. Imam Ahmad S/o. Sher Ahmed, Aged 18 years.	Coal Cutter	Fall of Roof	Coal Khushab
17.	M/s. Tanveer Ahmed, Asghar Khat Block No. 6/123 SB, Sargodha.	24.04.2011 Sunday	1630 Hrs.	Mr. Ziaullah S/o. Dolat Khan, Aged 28 years.	Worker	Misc. on Surface	Sand Stone Sargodha
18.	M/s. Haroon Mines (Pvt.) Ltd; Mud House, C S Shah, Mine No. 3, Ara, Dhok Khatan, District Chakwal. ML-CKL-II-Coal(89)	26.04.2011 Tuesday	1530 Hrs.	Mr. Sametullah S/o. Khaney, Aged 22 years.	Coal Cutter	Fall of Roof	Coal Chakwal
19.	M/s. Ch. Muhammad Hanif Gujjar, Block No. 7/123 SB (Tariq Khat), Sargodha.	11.05.2011 Wednesday	1500 Hrs.	Mr. Muhammad Shabbir S/o. Muhammad Jan Meer, Aged 26 years.	Quarry Worker	Fall of Stone (Due to movement of rope.)	Sand Stone Sargodha
20.	M/s. Amir Majeed Khan Niazi, Block No. 6/116 SB, Sargodha.	25.05.2011 Wednesday	0900 Hrs.	Mr. Balool Khan, Aged 40 years. Chak No.107 Janoobi, Sargodha.	Foreman	Misc. on Surface (Fell down from height of 20 feet)	Sand Stone Sargodha
21.	M/s. Muhammad Nazir Malik Gypsum Quarry, Khada No. 1, District Chakwal. PL-CKL-II-Gypsum(36)	26.05.2011 Thursday	1130 Hrs.	Mr. Muhammad Usman S/o. Muhammad Ramzan, Aged 20 years.	Labourer	Fall of Side	Gypsum Chakwal

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
22.	M/s. Wah Stone & Lime Quarry Ltd., Mine No.11 (Haulage Road working face), Dandot, District Chakwal. ML-CKL-I-Coal(2)	26.05.2011 Thursday	1230 Hrs.	Mr. Nazir-ur-Rehman S/o. Talash, Aged 25 years.	Coal Cutter	Fall of Roof	Coal Chakwal
23.	M/s. Punjmin, Khushab, Salt Mines, Mine No.1, Chamber No.11, (Mian Mitha) Katha Sagral, District Khushab.	02.06.2011 Thursday	0845 Hrs.	Mr. Muhammad Afzal S/o. Taja Khan, Aged 59 years. Injured: Mr. Muhamad Saqlain S/o. Fateh Muhammad, Aged 48 years.	Labourer Labourer	Fall of Roof	Rock Salt Khushab
24.	M/s. Malik Karam Buksh & Co; Mine No. 14, Chinot Colliery, Pail, Khushab. ML-KHB-Coal(2)	22.06.2011 Wednesday	0700 Hrs.	1) Mr. Ghulam Muhammad S/o. Alam Khan, Aged 35 years. 2) Mr. Muhammad Amir S/o. Niaz Ali, Aged 45 years. And two donkeys.	Tapali Kacha Worker	Suffocation (Deficiency of Oxygen)	Coal Khushab
25.	M/s. M. Fazal Haq & Co; Out Crop Mine, Ararra Section, Khushab. ML-KHB-Coal(4)	26.06.2011 Sunday	1230 Hrs.	Mr. Akhtar Nawaz S/o. Sooba Khan, Aged 22 years. Died on 10.07.2011	Coal Cutter	Fall of Roof	Coal Khushab
26.	M/s. Zeeshan Mining, Chakwal. ML-CKL-I-Coal(127)	27.06.2011 Monday	1300 Hrs.	Mr. Shafiq Ahmed	Labourer	Electricity	Coal Chakwal
27.	M/s. Punjmin, Quidabad Salt Project, Mine No.03 (Face of Second Level), Golewal, District Khushab.	28.06.2011 Tuesday	0915 Hrs.	Mr. Muhammad Ehsan S/o. Ahmed Khan, Aged 25 years.	Salt Cutter	Fall of Roof (Salt piece hit his head)	Rock Salt Khushab
28.	M/s. Muhammad Ahsan, Padhrar, Khushab. ML-KHB-Lime Stone(Padhrar-2)	13.07.2011 Wednesday	0100 Hrs.	Mr. Muhammad Mumtaz S/o. Muhammad Nawaz, Aged 37 years.	Labourer	Fall of Side	Lime Stone Khushab

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
29.	M/s. Syed Fazal Abbas Sherazi, Chak No. 1/48 SB Janoobi, Sargodha.	14.07.2011 Thursday	1000 Hrs.	Mr. Safdar Ali S/o. Baho, Aged 32 years. R/o. Chak 48 SB, Sillanwali, Sargodha.	Quarry Worker	Misc. on Surface (Slippage of foot)	Sand Stone Sargodha
30.	M/s. Zamurd Coal Co; Haseeb Mine, Near Mahan, C. S. Shah, District Chakwal. ML-CKL-II-Coal(73)	18.07.2011 Monday	1500 Hrs.	Mr. Manzoor Ali S/o. Bakht Mand, Aged 20 years.	Coal Cutter	Electricity	Coal Chakwal
31.	M/s. Aziz-ul-Hassan, Tariri Khura District Khushab. ML-KHB-Silica Sand(66)	22.07.2011 Friday	1230 Hrs.	Mr. Miran Bua S/o. Fateh Muhammad, Aged 49 years.	Labourer	Fall of Stone	Silica Sand Khushab
32.	M/s. Wanhar Salt Corporation, Salt Mine No. 2, Chakwal. ML-CKL-I-Rock Salt(3)	27.07.2011 Wednesday	0900 Hrs.	Mr. Muhammad Adnan S/o. Muhammad Ashraf, Aged 20 years.	Miner	Fall of Roof	Rock Salt Chakwal
33.	M/s. Tanveer Ahmed, Chak No. 30 SB, Sargodha. Sajid Khat, Block No. 6/123 SB, Sargodha.	31.07.2011 Sunday	0815 Hrs.	Mr. Muhammad Ali Khan S/o. Gul Ajab Khan, Aged 37 years. R/o. Hakmi Banda P.O. Shanwa Guddi Khel, Distt. Karak.	Drillman Helper	Misc. on Surface (Slippage of foot)	Sand Stone Sargodha
34.	M/s. Haideria Collieries, Mine No. 9 LL, Near Jaba, Noori Perha, Chakwal. ML-CKL-I-Coal(53-A)	22.08.2011 Monday	2200 Hrs.	1) Mr. Zahoor Shah S/o. Nabit Shah, Aged 23 years. 2) Mr. Zia Ullah S/o. Dilawar Khan, Aged 30 year.	Katcha Worker Katcha Worker	Fall of Roof	Coal Chakwal
35.	M/s. Rehman Coal Co; Amir Mine, Nalli, Khushab. ML-KHB-Coal(13)	24.08.2011 Wednesday	2045 Hrs.	Mr. Qaisar Shahzad S/o. Ghulam Muhammad, Aged 19 years.	Electrician	Electricity	Coal Khushab
36.	M/s. Amir Majeed Khan Niazi, Abdulla Khat, Block 6/116 SB, Sargodha.	25.08.2011 Tuesday	1230 Hrs.	Mr. Ansar Abbas S/o. Muhammad Hayat, Aged 25 years.	Quarry Worker	Misc. on Surface (Fall from height of 100 ft.)	Sand Stone Sargodha

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
37.	M/s. Wah Stone & Lime Quarry, Mine No. 9-A, Near Dandot, Chakwal. ML-CKL-I-Coal(2)	28.08.2011 Sunday	1000 Hrs.	1) Mr. Muhammad Nadeem S/o. Muhammad Khalil, Aged 24 years. 2) Mr. Javed Shabbir S/o. Muhammad Shabbir, Aged 38 years, R/o. Dandot.	Worker	Sundries Underground (Inundation of Mine)	Coal Chakwal
38.	M/s. Abdul Waheed Khan Niazi, Block 11 + 12/C+D, 126 SB, Sargodha.	07.09.2011 Thursday	2130 Hrs.	Mr. Muhammad Tariq S/o. Abdul Raheem, Aged 24 years.	Loader Operator	Misc. on Surface	Sand Stone Sargodha
39.	M/s. Khan Coal Co; Mine No. 11, Dandot, Chakwal.	09.09.2011 Friday	2000 Hrs.	Mr. Haji Raja Rizwan Ahmed S/o. Haji Munir, Aged 30 years.	Electrician	Sundries Underground	Coal Chakwal
40.	M/s. Al-Qaim Coal Co; Basharat Mine No. 9, Dhok Loharan, Chakwal.	17.09.2011 Saturday	1630 Hrs.	Mr. Tahir Abbas S/o. Ghulam Rasool, Aged 27 years.	Raising Contractor	Electricity	Coal Chakwal
41.	M/s. Muhammad Aslam Khan, Block No. 6, Musa Khel, Mianwali. ML-MLI-Lime Stone(6)	24.09.2011 Saturday	2100 Hrs.	Mr. Nazir Ahmed S/o. Maher Khan, Aged 20 years.	Machine Operator	Misc. on Surface	Lime Stone Mianwali
42.	M/s. Ch. Qurban Hussain Cheema, Block No. 10/126 SB, Sargodha.	25.09.2011 Sunday	1245 Hrs.	Mr. Muhammad Riaz Baluch S/o. Ghulam Fareed, Aged 42 years.	Compressor Helper	Fall of Side (Sliding of hill)	Sand Stone Sargodha
43.	M/s. Ch. Qurban Hussain Cheema, Block No. 10/116 SB, Sargodha.	01.10.2011 Saturday	1245 Hrs.	Mr. Muhammad Ishaq S/o. Bilal Yaseen, Aged 28 years.	Quarry Worker	Misc. on Surface (Slippage of foot.)	Sand Stone Sargodha
44.	M/s. Sangha Brothers Salt Mine Owneri, Khushab Mine No. 4, Shahbehoh.	09.10.2011 Sunday	0430 Hrs.	1) Mr. Muhammad Yousaf S/o. Fateh Muhammad, Aged 26 years. 2) Mr. Ameer Mukhtiar S/o. Allah Bux, Aged 21 years.	Salt Cutter	Fall of Roof	Rock Salt Khushab

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
45.	M/s. Makerwal Collieries T. No. 3, Near Incline A-Section,	12.10.2011 Wednesday	2130 Hrs.	Mr. Shah Nawaz Khan S/o. Muzaffar Khan Aged 52 years.	Pump Driver	Fall of Roof	Coal Mianwali
46.	M/s. Mecca Salt Mine, P. D. Khan, Chamber No. 60, Sarwar Mine No. 2, Low Level, District Jhelum.	15.10.2011 Saturday	1830 Hrs.	Mr. Muhammad Ashraf S/o. Ghulam Muhammad, Aged 38 years.	Loader	Surface Machinery	Rock Salt Jhelum
47.	M/s. Punjmin, Mine No. J-8, Khewra.	16.10.2011 Sunday	1400 Hrs.	Mr. Muhammad Zaman, S/o. Muhammad Khan, Aged 52 years.	Salt Cutter	Sundries Underground (Heart Attack)	Rock Salt Chakwal
48.	M/s. Sangha Brothers Coal Mines (Pvt.) Ltd; Khushab.	18.10.2011 Tuesday	1230 Hrs.	Mr. Muhammad Tariq S/o. Meer Wali Khan, Aged 21 years.	Coal Cutter	Fall of Stone	Coal Chakwal
49.	M/s. Al-Ijaz Mining Corp; Tilla Colliery, Mine No. 16, Khewra.	29.10.2011 Saturday	1000 Hrs.	Mr. Jamshed S/o. Jahanzeb, Aged 24 years.	Coal Cutter	Fall of Roof	Coal Chakwal
50.	M/s. Haroon-ur-Rasheed Khan Niazi, Block No. 4/116 SB, Sargodha.	30.10.2011 Sunday	0900 Hrs.	Mr. Muhammad Bilal S/o. Muhammad Sarwar, Aged 35 years.	Worker	Fall of Stone	Sand Stone Sargodha
51.	M/s. Fazal Haq & Co; Khushab. Mine No. 4, ML-KHB-Coal(4)	10.11.2011 Thursday	1300 Hrs.	Mr. Mushtaq Hussain S/o. Mr. Ghulam Hussain, Aged 21 years.	Labourer	Fall of Roof	Coal Khushab
52.	M/s. Syed Fazal Abbas Sherazi, Shabbir Khat, Block No. 1/48 SB, Sargodha.	21.11.2011 Monday	1400 Hrs.	Mr. Muhammad Shabbir S/o. Muhammad Ameer, Aged 31 years.	Quarry Worker/ Mate	Misc. on Surface (Slippage of foot.)	Sand Stone Sargodha
53.	M/s. Haroon Rasheed Khan Niazi, Block No. 4/116 SB, Sargodha.	30.11.2011 Wednesday	1030 Hrs.	Mr. Muhammad Maqbool S/o. Muhammad Shareef, Aged 37 years. R/o. Chak 107 SB, Sargodha.	Quarry Worker	Misc. on Surface	Sand Stone Sargodha
54.	M/s. Abdaal Mining Co; Abdal Mine No. 1, Choa Gunj Ali Shah, Chakwal.	19.12.2011 Monday	1500 Hrs.	Mr. Muhammad Aqeel S/o. Liaqat Ali, Aged 26 years. Died on 20.12.2011	Coal Cutter	Sundries Underground	Coal Chakwal

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
55.	M/s. Malik Karam Bukhsh & Co; Khushab. Neelian Section, Mine No. 7, ML-KHB-Coal(8)	24.12.2011 Saturday	0930 Hrs.	Mr. Naimat Khan S/o. Niaz Muhammad, Aged 24 years.	Tapali	Fall of Roof	Coal Khushab
56.	M/s. Anayat Ullah Khan S/o. Haji Darya Khan, Chashmian, Mianwali. ML-MLI-Silica Sand (72)	28.12.2011 Wednesday	0800 Hrs.	Mr. Sajid Aziz S/o. Aziz Ullah Khan, Aged 20 years.	Quarry Worker	Fall of Stone	Silica Sand Mianwali
57.	M/s Zeshan Mining, Mine No. Islam-D, Bhal, Chakwal. ML-CKL-I-Coal(127)	29.12.2011 Thursday	0100 Hrs.	Mr. Zaheer Khan, Aged 24 years.	Coal Cutter	Electricity	Coal Chakwal

LIST OF SERIOUS ACCIDENTS

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
1.	M/s. Wah Stone & Lime Quarry, Chakwal. Mine No. 2. ML-CKL-I-Coal(2)	18.01.2011 Tuesday	1230 Hrs.	Mr. Muhammad Hussain S/o. Habib Ullah Khan, Aged nil	Coal Cutter	Fall of Roof	Coal Chakwal
2.	M/s. M. Akbar Sindhoo, Block No. 5/126 SB, Sargodha.	14.03.2011 Monday	1300 Hrs.	Mr. Bashir Ahmed S/o. Bhag Din, R/o Chak No. 130 SB, Aged --- years.	Drillman	By Explosive	Sand Stone Sargodha
3.	M/s. Abdul Waheed khan Niazi, Sargodha	20.03.2011 Sunday	0700 Hrs.	Mr. Muhammad Tariq S/o. Abdul Ahad, Aged -- - years. B. No. 11+12/C+D/126	Drillman	Misc. on Surface (Slippage of Foot)	Sand Stone Sargodha
4.	M/s. PMDC Salt Mines, Kalabagh, District Mianwali. ML-MLI-R.Salt(1)	16.05.2011 Monday	1330 Hrs.	Mr. Zer Khan S/o. Azhar Khan, Aged 22 years.	Worker	Misc. on Surface (Fall of Stone from Tractor Trolley)	Rock Salt Mianwali

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Sr. No.	Name of Firms	Date/Day	Time	Persons Involved	Occupation	Classification	District/ Mineral
5.	M/s. Muhammad Akbar, Block 3-B 120/SB, Sargodha.	05.06.2011 Sunday	1030 Hrs.	Mr. Babar Khan S/o. Sarwar, Aged 30 years, Chenab Nagar, Muhallah Dadul Yamman Gharbi, Dist. Chinyot.	Labourer	Fall of Stone (Fall of Stone from Tractor Trolley from three points)	Sand Stone Sargodha
6.	M/s. Geo Minerals Mine No. Khohohar Bala Development Hearing Incline, Chakwal.	07.06.2011 Tuesday	1700 Hrs.	1) Mr. Toti Rehman S/o. Meer Ahmed Khan, Aged 32 years. 2) Mr. Sher Afzal Khan S/o. Meer Zaman Khan, Aged 28 years.	Coal Cutter	Explosion by Gas (Methane Gas)	Coal Chakwal
7.	M/s. N. H. Salt Trading Co; Mudassar Mine, Pir Khara, Near Dandot, Chakwal.	21.06.2011 Tuesday	1430 Hrs.	Mr. Muhammad Irfan S/o. Umar Hayat, Aged 22 years.	Salt Cutter	Fall of Roof	Rock Salt Chakwal
8.	M/s. PUNJMIN, Mine No. PW-1, Wahula, Chakwal.	29.06.2011 Wednesday	1030 Hrs.	Mr. Abdul Rehman, S/o. Abdul Ghani, Aged 50 year.	Coal Cutter	Fall of Roof (Fall of Coal piece on left foot)	Coal Chakwal
9.	M/s. Makerwal Collieries Ltd; Mine No. 3, B-Miranwal Janubi, Mianwali.	04.08.2011 Thursday	0830 Hrs.	Mr. Muhammad Saeed S/o. Ghulam Yasin, Aged 40 years. R/o. Sultan Khel.	Coal Cutter	Fall of Side	Coal Mianwali
10.	M/s. PMDC Salt Mine, Warcha, Jan Sukh Mine No. 6, Khushab.	08.09.2011 Thursday	1245 Hrs.	Mr. Muhammad Iqbal S/o. Muhammad Ilyas, Aged 32 years.	Salt Cutter	Fall of Roof (Fall of loose pieces of Salt)	Rock Salt Khushab
11.	M/s. Wah Stone & Lime Quarry (Pvt) Ltd; Mine No. 1, Gallery No. 4, Dandot, Chakwal.	27.09.2011 Tuesday	0930 Hrs.	Mr. Abdul Wahid S/o. Muhammad Jamil Khan, Aged 37 years.	Coal Cutter	Fall of Roof	Coal Chakwal
12.	M/s. Abdul Rasheed Khan Niazi, Ansa Khat, Block 7/110 SB, Sargodha.	20.10.2011 Thursday	1330 Hrs.	Mr. Muhammad Younas S/o. Peer Muhammad, Aged 30 years.	Quarry Worker	Explosive	Sand Stone Sargodha
13.	M/s Ittefaq Coal Co; Dandot, Mine No. 10 (Dhok Saghrat) ML-CKL-II-Coal (33)	14.12.2011 Wednesday	1500 Hrs.	Mr. Liaqat Ali S/o Saif-ur-Rehman, Aged 20 years.	Coal Cutter	Fall of Roof	Coal Chakwal

2.4 Inquiries into Fatal Accidents

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.

Two hundred and seventy three (282) inquiries into fatal accidents were conducted from the years 2007 to 2011. Mineral/Month-wise detail is as under:

Year	Mineral	Months												Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
2007	Coal	1	3	-	1	3	1	2	4	3	1	3	-	22	54
	Fire Clay	-	-	-	-	1	-	-	-	-	-	-	-	1	
	Gypsum	-	-	-	-	-	-	-	1	-	-	1	-	2	
	Lime Stone	1	-	1	-	-	-	-	-	-	-	-	-	2	
	Ord. Stone	3	-	-	2	2	2	2	1	1	-	-	1	16	
	Rock Salt	-	-	-	-	2	1	1	-	2	2	-	1	9	
	Silica Sand	-	-	-	-	-	-	1	-	-	-	1	-	2	
2008	Coal	1	3	3	3	4	3	1	1	2	1	1	3	26	50
	Fire Clay	-	1	2	-	-	-	-	-	-	-	-	-	3	
	Gypsum	-	-	-	-	-	-	-	1	-	-	-	-	1	
	Lime Stone	-	-	-	-	-	1	-	-	-	1	1	-	3	
	Ord. Stone	1	1	-	-	-	-	-	1	-	1	-	-	4	
	Rock Salt	-	-	1	-	-	-	-	2	1	-	2	-	6	
	Sand Stone	-	-	1	-	1	2	-	1	1	-	-	-	6	
	Silica Sand	-	-	-	-	-	-	-	-	-	-	-	1	1	
2009	Coal	2	4	4	1	5	2	4	3	-	5	3	1	34	61
	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	60
	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	57
	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	
TOTAL:		22	16	28	22	28	29	24	29	18	26	24	16	282	

2.5 Accidents Analysis

2.5.1 During the year under report 64 persons lost their lives including 1 injury in 57 accidents as compared to 64 persons in 60 accidents including 17 injuries during the year, 2010. In addition, 14 persons were injured in 13 serious accidents during the year, 2011 as compared to 10 injuries in 9 accidents in the previous year.

2.5.2 The comparative statement of fatal and serious accidents occurred during the year, 2011 is given below:

Classification	Fatal Accidents		Serious Accidents	
	No. of Accidents	Persons Died	No. of Accidents	Persons Injured
Electricity	05	05	-	-
Explosive	-	-	02	02
Explosion by Gases	01	04	01	02
Fall of Roof/Stone	20	22 (1)	06	06
Fall of Side	06	06	02	02
Haulage	01	01	-	-
Miscellaneous on Surface	15	15	02	02
Suffocation by Gases	02	03	-	-
Surface Machinery	01	01	-	-
Sundries Underground	06	07	-	-
Total:	57	64 (1)*	13	14
Coal	25	31	06	07
Gypsum	01	01	-	-
Lime Stone	02	02	-	-
Rock Salt	09	10 (1)	03	03
Sand Stone	18	18	04	04
Silica Sand	02	02	-	-
Total:	57	64 (1)*	13	14

* 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 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 lack of education, training and poor illumination. Further the timber supports used were of sub-standard thereby leading to the accidents.

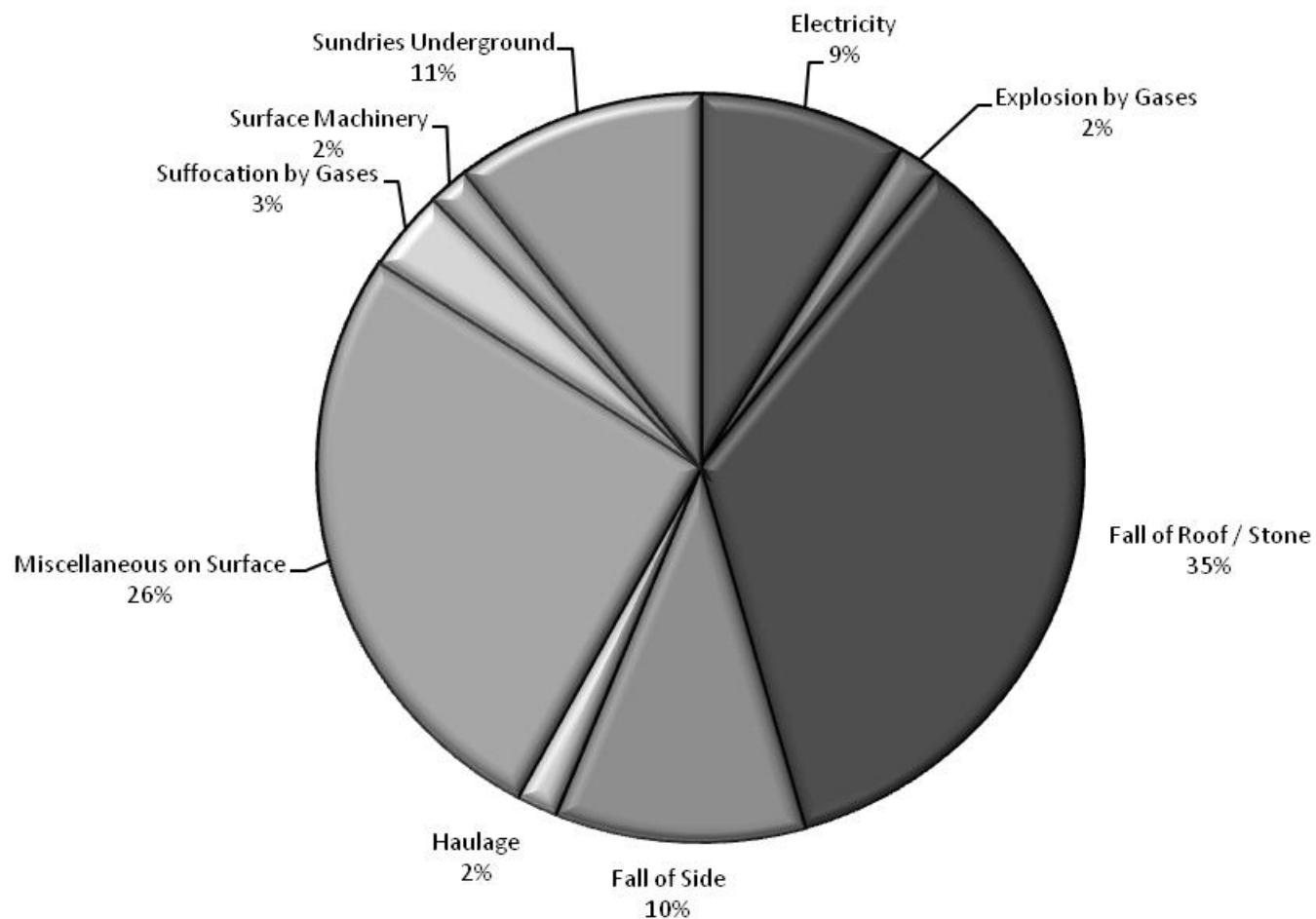
2.5.4 The examination further reveals that 39% fatal accidents occurred on surface. The cause is attributed to the fact that the small areas are auctioned on short term basis due to which the quarry owners do not develop the quarries to work systematically. On the contrary they adopt mining methods of 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 to fell 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 gear. The major cause of accidents in underground mines is the fall of roof showing 35% of fatal accidents which were not protected and the poor illumination due to the use of open-flame lights 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
2007	41602	54	56	1.30	1.35	15	18	0.36	0.43
2008	42295	50	56	1.18	1.32	17	17	0.40	0.40
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

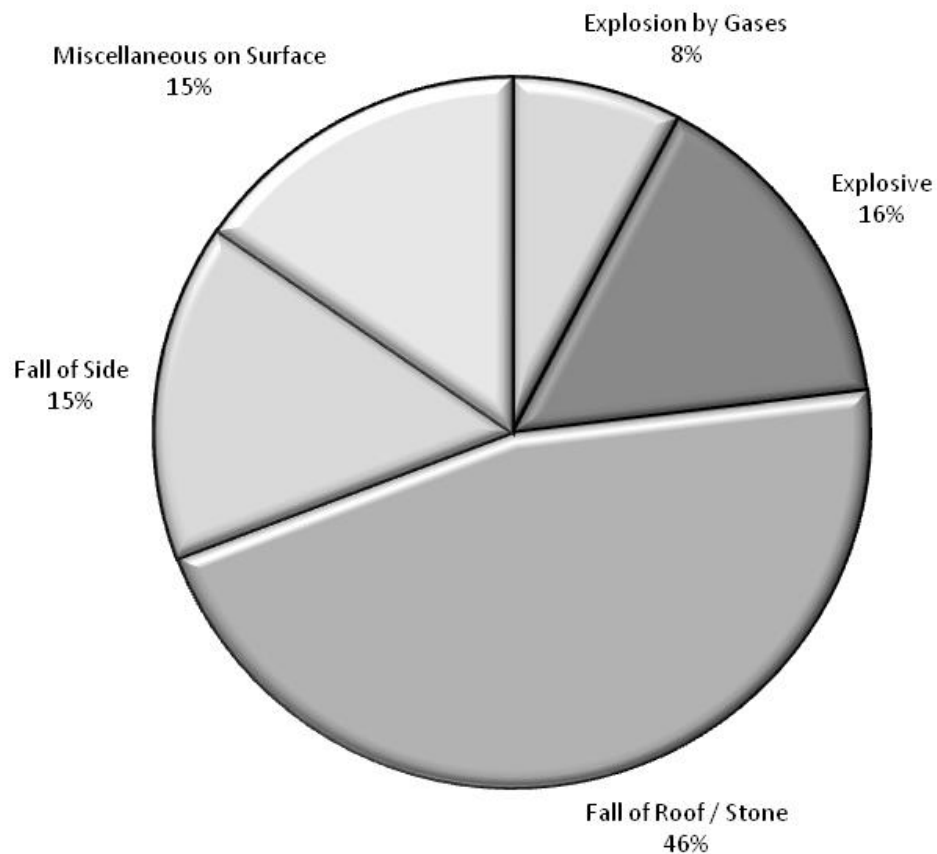
- 2.5.6 The examination of above Table reveals that fatal accidents rate has decreased with constant death rate whereas, serious accidents and injuries rate has increased in comparison with the previous year. The rate of accidents can be reduced by employing trained labour force, use of proper mining methods, use of good quality timber providing 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.

Classification of Fatal Accidents for the Year, 2011



Electricity	Explosion by Gases	Fall of Roof/ Stone	Fall of Side	Haulage	Miscellaneous on Surface	Suffocation by Gases	Surface Machinery	Sundries Underground	Total
5	1	20	6	1	15	2	1	6	57

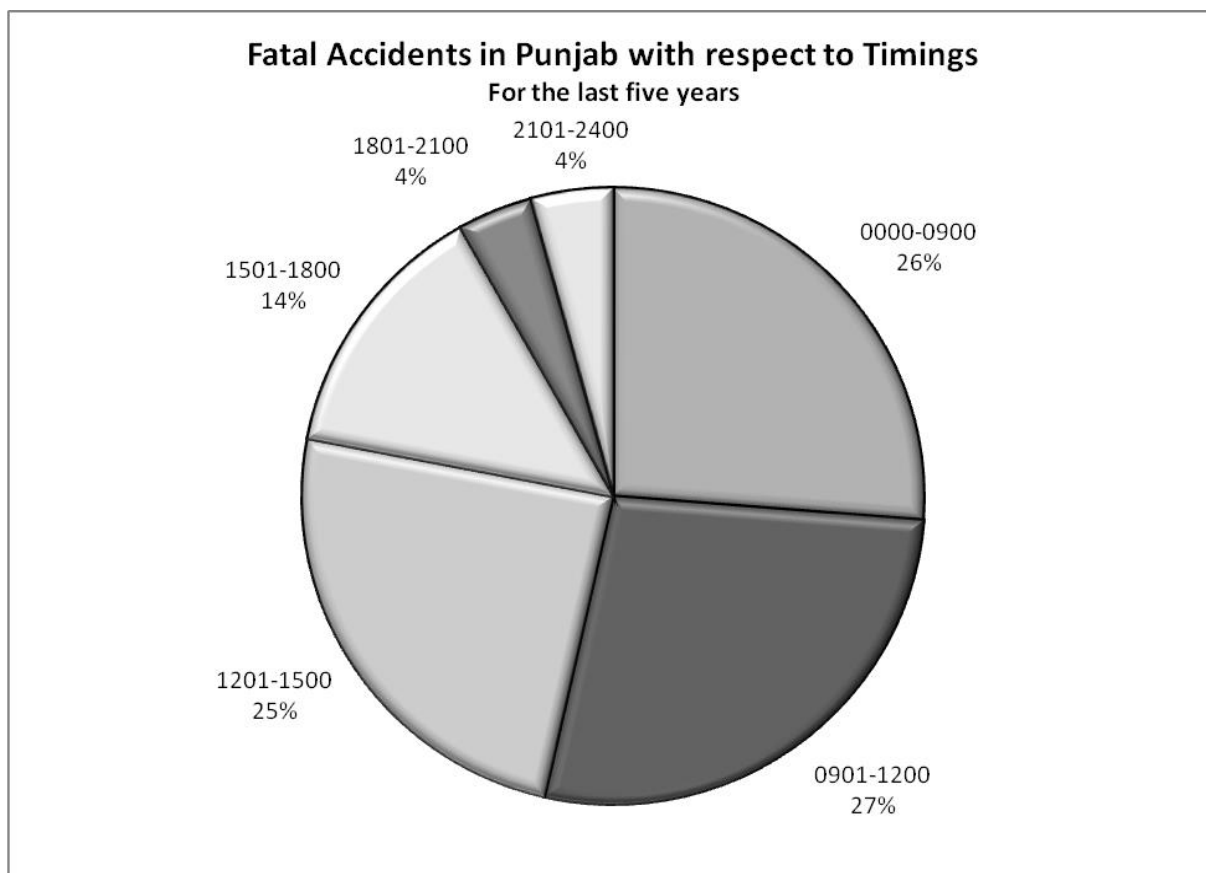
Classification of Serious Accidents for the Year, 2011



Explosion by Gases	Explosive	Fall of Roof/ Stone	Fall of Side	Miscellaneous on Surface	Total
1	2	6	2	2	13

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

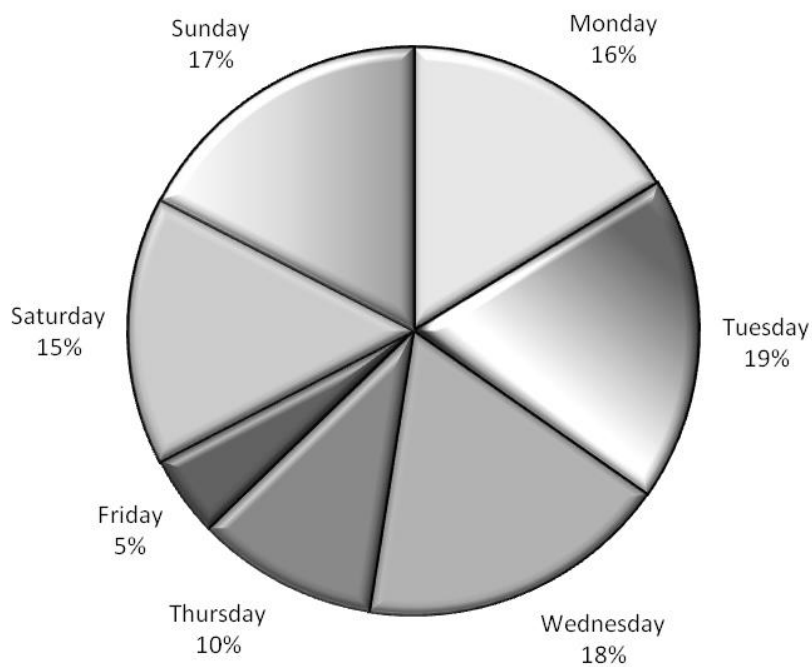
Year	TIMINGS						Total
	0000-0900	0901-1200	1201-1500	1501-1800	1801-2100	2101-2400	
2007	11	16	11	11	2	3	54
2008	13	15	10	9	1	2	50
2009	19	20	12	8	2	0	61
2010	14	17	19	6	1	3	60
2011	17	9	17	5	5	4	57
TOTAL	74	77	69	39	11	12	282



2.5.9 Fatal Accidents in Punjab with respect to Days for the last five years are as under:

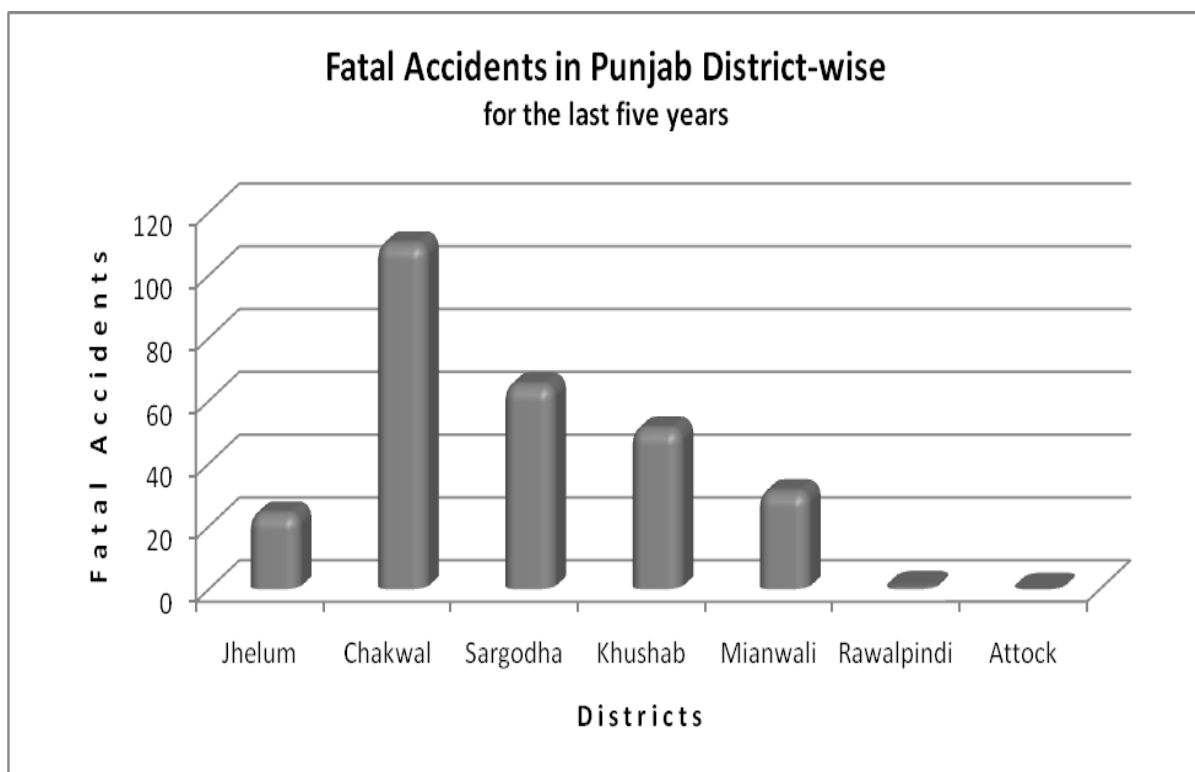
Year	DAYS							Total
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
2007	10	8	11	6	4	8	7	54
2008	10	12	9	3	3	9	4	50
2009	12	9	9	6	1	10	14	61
2010	7	13	9	7	3	8	13	60
2011	7	10	12	7	2	8	11	57
Total:	46	52	50	29	13	43	49	282

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



2.5.10 Fatal Accidents in Punjab District-wise for the last five years are as under:

Year	DISTRICTS							Total
	Jhelum	Chakwal	Sargodha	Khushab	Mianwali	Rawalpindi	Attock	
2007	7	19	15	6	7	0	0	54
2008	5	19	9	12	5	0	0	50
2009	2	27	14	8	10	0	0	61
2010	6	27	9	12	5	1	0	60
2011	4	18	18	13	4	0	0	57
Total:	24	110	65	51	31	1	0	282



2.6. RESCUE & RECOVERY

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

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

Year	Regular Rescue Courses	Participants	Rescue Refresher Courses	Participants
2007	19	131	-	-
2008	23	186	2	8
2009	20	154	-	-
2010	21	191	-	-
2011	20	194	-	-

2.6.1.4 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. Emergencies for the last five years are as follows:

Year	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive
2007*	3	7	1	6
2008	2	6	5	1
2009	-	-	-	-
2010**	1	-	-	-
2011	1	1	1	-

* All the three emergencies were jointly attended by the rescue teams of Mines Rescue & Safety Station, Khushab and Mines Rescue & Safety Sub-Station, Choa Saiden Shah.

** 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.

2.6.1.5 Month-wise progress 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 as under:

- 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 progress for the years, 2007 to 2011 is as follows:

Year	Rescue Refresher Courses	Participants
2007	12	59
2008	12	60
2009	12	57
2010	09	44
2011	11	52

In addition to Rescue Refresher Courses, there were 4 Regular Rescue Courses arranged at the station with 47 participants (included in the progress 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 progress 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 as under:

- 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 progress for the years, 2007 to 2011 is as follows:

Year	Rescue Refresher Courses	Participants
2007	10	41
2008	11	55
2009	11	56
2010	10	45
2011	11	47

In addition to Rescue Refresher Courses, there were 4 Regular Rescue Courses arranged at the station with 31 participants (included in the progress of Mines Rescue & Safety Station, Khushab).

Year	Emergencies Attended	Persons Involved	Dead Bodies Recovered	Persons Rescued Alive
2007*	3	7	1	6
2008	2	4	3	1
2009	-	-	-	-
2010	-	-	-	-
2011**	1	2	1	-

* All the three emergencies were jointly attended by rescue teams of Mines Rescue & Safety Station, Khushab and Mines Rescue & Safety Sub-Station, Choa Saiden Shah.

** 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).

2.6.3.2 Month-wise progress 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 AND TRAINING.

The following projects come under this function:

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 30-06-1992 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 are required to hold supervisory positions in the Mining Industry. The School had a planned capacity for 20 students of Mine Supervisory course 10 each for Mine Mechanical and Mine Electrical course.

The first batch of 20 students was inducted in March, 1987 and after completing 3 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 26th batch was admitted in September, 2011 with 90 students which had got registered with Punjab Board of Technical Education, Lahore. Uptill now, 601 students have been qualified from the Punjab School of Mines, Katas and are serving in different organizations. The year-wise admission and result analysis is given at Annexure-7.

2.7.1.1 Distinction

The only institution in Pakistan, providing 3 Years Vocational Training in following technologies:

- * Mining Technology.
- * Mechanical Technology with Specialization in Mining.
- * Electrical Technology with Specialization in Mining.
- * Land & Mine Surveying Technology.

2.7.1.2 Major Subjects

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 Results of 1st & 2nd Annual Examinations are shown with the progress of Mining Development Cell, Lahore. However, extra-curricular activities carried out in the institute are briefed as follows:

- i. Annual Sports of Punjab School of Mines, Katas was held w.e.f. 7th to 14th February, 2011.
- ii. Students of Mining Engineering Department, UET, Lahore visited the Punjab School Mines Katas w.e.f. 4th to 8th April, 2011.
- iii. The Chief Inspector of Mines, Punjab visited the Punjab School of Mines, Katas on 17th May, 2011, 1st and 30th August, 2011.
- iv. The Secretary, Mines & Mineral Department Punjab visited the Punjab School Mines Katas on 24th August, 2011.

2.7.1.4 Gold Medal Awarding

First position holders Mr. Bilal Haider S/o. Israr Haider, Class M-22, Land & Mine Surveying Technology, Session, 2007-10 and Mr. Ali Raza, Class M-23, Land & Mine Surveying Technology, Session, 2008-11 were awarded "Gold Medal" by the Punjab Board of Technical Education, Lahore.

2.7.1.5 Scholarships

The position holder students of Punjab School of Mines, Katas were awarded scholarships by the Punjab Board of Technical Education Lahore, detailed as follows:

a. First Annual Examination, 2010:

Sr. No.	Name of Student	Class	Amount (Rs.)
1.	Mr. Qaisar Abbas	1st Year Mining	15000
2.	Syed Ali Waqas	1st Year Mining	12000
3.	Mr. Saqib Raza	1st Year L & M Survey	15000
4.	Mr. Abdullah Khan	1st Year L & M Survey	12000
5.	Malik Muhammad Moazzam Ali	1st Year L & M Survey	9000
6.	Mr. Muhammad Zubair	2 nd Year Mining	15000
7.	Mr. Jabar Hussain	2 nd Year Mining	12000
8.	Mr. Sher Ali	2 nd Year Mining	9000
9.	Mr. Ali Raza	2 nd Year L & M Survey	15000
10.	Mr. Muhammad Aqib Khalil	2 nd Year L & M Survey	12000
11.	Mr. Anees-ur-Rehman	2 nd Year L & M Survey	9000
Total:			135000

b. Second Annual Examination, 2010:

Sr. No.	Name of Student	Class	Amount (Rs.)
1.	Asad Amir	1st Year Mining	3500
2.	Mehran Hassan	1st Year Mining	2500
3.	Muhammad Zubair	1st Year Mining	1666
4.	Waqar Younis	1st Year Electrical	3500
5.	Aman Ullah	1st Year Electrical	2500
6.	Sheraz Mehmood	1st Year Electrical	1666
7.	Muhammad Asif Khan	1st Year L & M Survey	3500
8.	Aiman Iqbal	1st Year L & M Survey	2500
9.	Khurram Abbas	1st Year L & M Survey	1666
10.	Zeeshan Haider	2nd Year Mining	1666
11.	Saif-ur-Rehman	2nd Year Mechanical	3500
12.	Muhammad Shabir	2nd Year Mechanical	2500
13.	Muhammad Umar Bashir	2nd Year Mechanical	1666
14.	Raja Muhammad Arif	3rd Year Electrical	3500
15.	Arshad Ali	3rd Year Electrical	2500
16.	Muhammad Tanveer	3rd Year Electrical	1666
Total:			39996

2.7.1.6 Admissions

The admission process of 1st year class for Three Year Diploma Courses in Mining, Electrical and Land & Mine Surveying Technology, Session 2011-14 was completed in September, 2011. Technology-wise detail of admitted students is as follows:

Technology	Students Admitted
Mining	29
Mechanical (Specialization in Mining)	31
Land & Mine Survey	30
Total:	90

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. The main objectives of this Institute are as under:

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

The first batch of 20 students was inducted in September, 1989 and after completing 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 23rd batch of 50 students was admitted in September, 2011 with special approval of the Chief Inspector of Mines, Punjab.

2.7.2.1 Distinction

The only institute in Pakistan, providing 2 Years Vocational Training in Mine Surveying Technology.

2.7.2.2 Major Subjects

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

2.7.2.3 Results of 1st & 2nd Annual Examinations are given with the progress of Mining Development Cell, Lahore.

2.7.2.4 Extra Curricula Activities

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

- i. A welcome party was arranged by 2nd year class for 1st year class on 26th January, 2011.
- ii. Mehfil-e-Melad-un-Nabi was celebrated in the Institute on 15th February, 2011.
- iii. Pakistan Day was celebrated on 23rd March, 2011 in which students and staff members participated actively.
- iv. A farewell party was arranged in the honour of 2nd year class by the 1st year class on 2nd May, 2011.
- v. The 1st Annual Examination 2011 was held from 18th to 27th July, 2011 at the institute.
- vi. Independence Day was celebrated at the Institute with simplicity due to the holy month of Ramzan on 14th August, 2011. However, all the students and staff members participated in the ceremony. Students offered speeches to highlight the occasion.

- vii. After Eid-ul-Fitr, eid millan party was arranged on 6th September, 2011. All the staff members and students attended the party.
- viii. A welcome party was arranged by 2nd year class in the honour of newly admitted 1st year class on 26th October, 2011.
- ix. After Eid-ul-Azha, eid millan party was arranged on 10th November, 2011. All the staff members and students attended the party.

2.7.2.5 **Send-up Test**

Send-up tests for both (first and second year) classes was held w.e.f. 5th to 9th April, 2011.

2.7.2.6 **Examination**

The 1st Annual Examination, 2011 of Mine Survey Institute, Makerwal was held w.e.f. 18th to 27th July, 2011.

2.7.2.7 **Plantation**

Plantation was done during the months of February and August, 2011.

2.7.3 IN-SERVICE TRAINING

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.

An officer of BS-18 looks after this important area. In-service courses are organized at mines sites and quarries. The performance of participation level course-wise for the year, 2011 was as under:

Sr. No.	Name of Course	Participants	Place	Duration
1.	One Day Permit Manager Course	32	Mines Rescue and Safety Station, Khushab.	22 nd February, 2011
2.	One Day Permit Manager Course	43	Training Mine, Katas, District Chakwal.	6 th April, 2011
3.	Mine Ventilation Training Course	38	M/s Makerwal Collieries, Makerwal, District Mianwali.	24 th – 25 th May, 2011
4.	First Aid Training Course	46	M/s Lafarge Pakistan Cement Ltd; Choie Mallot Road, Tehsil Kalar Kahar, District Chakwal.	7 th – 8 th June, 2011
5.	Shot Firers Training Course	35	M/s Askari Cement, Wah Cantt. District Rawalpindi.	5 th – 6 th July, 2011
6.	Shot Firers Training Course	59	Pull 111, Sargodha.	20 th – 21 st Sep; 2011
7.	Shot Firers Training Course	40	Training Mine, Katas, District Chakwal.	18 th – 19 th Oct; 2011
8.	First Aid Training Course	53	Bestway Cement Factory, Distt. Chakwal	22 nd – 23 rd Nov; 2011
9.	One Day Permit Manager Course	46	PMDC, Kalabagh, District Mianwali.	29 th December, 2011
Total Participants:		392		

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 30th 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.

The main objectives of Training Mine are as follows:

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

The progress of Training Mine, Katas during the year, 2011 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 of single piece timber support, wooden chock in training face gallery at tunnel No. 2.
- ii. Practical training of mine machinery (pumps, pick hammer) used in underground mining.

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.

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 welding, arc welding etc.
- iii. Practical of turning on job with right hand turning tools.
- iv. Practical of roughing down the job by using flat file in metal lab.
- v. Practical of forging in workshop.
- vi. Repairing and welding of steel supports and distance iron for incline.
- vii. 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 Additional Training Courses

- i. One Day Permit Manager Course was held at Training Mine, Katas on 6th April, 2011 in which 43 workers participated.
- ii. Shot Firers Training Course was held at Training Mine, Katas w.e.f. 18th to 19th October, 2011 with 40 workers of different mines.

2.7.4.3 Maintenance of Mine

a) Shaft

- i. The friction props were reinstalled in training face gallery.
- ii. Roof and side wooden planks were replaced 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. Replacement of roof and side wooden planks near scraper machine and packing of waste material in training face gallery tunnel No. 2.
- viii. Cleanliness/maintenance of generator and conveyer belt at shaft.
- ix. 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. Repair of the steps of incline.
- x. Dismantling of rail track & assembling after tightening of nuts and bolts in 13 meter level of incline.
- xi. Reinstallation of three piece timber support in 13 meter level.
- xii. Exhaust fan send to workshop for repairing and reinstalled in incline.

2.7.4.4 **Workshop**

- i. Steel supports with distance iron for incline were repaired.
- ii. Cleanliness/maintenance of machinery & equipments.

- iii. Maintenance of pneumatic machine.
- iv. Maintenance of machinery and equipments.

2.7.4.5 **General/Surface Activities**

- i. Maintenance of haulage and band saw.
- ii. Shifting of the shaft gate, bucket, steel arches cement blocks etc. to another place and shifting of instruments from cabin room to workshop due to strengthening of Training Mine.
- iii. Lubrication of haulage drum, rope and ruler at incline mouth.
- iv. Maintenance of electrical panel board at generator station was done and checked by Electrical Sub Engineer.
- v. As regards the Strengthening of Training Mine for Mine Supervisors and Mining Technicians Katas, the following work remained in progress:
 - 1. Construction of Mechanical Lab.
 - 2. Construction of Electric Lab.
 - 3. Construction of Ventilation Lab.
- vi. As regards the Provision of wholesome drinking water for mining labour at Training Mine Katas, the construction work of building was in progress.
- vii. Plantation in the Mine area and mine colony.
- viii. 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.

2.7.4.6 **Visits**

- i. The Chief Inspector of Mines, Punjab visited the Training Mine, Katas on 17th May, 2011.
- ii. Students from University of Engineering and Technology, Lahore visited the Training Mine on 05th April, 2011 and 30th May, 2011.
- iii. Inspector of Mines (Headquarter), Lahore visited the Training Mine on 6th June, 2011.

- iv. Deputy Chief Inspector of Mines Punjab, Lahore visited the Training Mine, Katas on 14th June, 2011.
- v. A group of students from Bahria Foundation College, Toba Tek Singh and staff members visited the Training Mine, Katas on 21st June, 2011.
- vi. The Chief Inspector of Mines Punjab visited the Training Mine, Katas on 1st August and 30th August, 2011.
- vii. Inspector of Mines (Headquarter), Lahore visited the Training Mine on 7th September, 2011.
- viii. A group of students from Fauji Foundation, Jhatalah Jaswal visited the Training Mine on 14th November, 2011.

2.7.4.7 Field Visit of Students

2nd year and 3rd year Mining classes visited M/s. Geo Associates, Khokhar Bala on 19th to 20th October, 2011 and 25th October, 2011 respectively. Both classes done their practical of drilling and blasting.

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.
- ii) 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 from 2007 to 2011 is as under:

Sr. No.	Type of Samples	2007	2008	2009	2010	2011
1	Gas	435	438	402	402	222
2	Humidity	435	438	402	402	513
3	Light	390	438	408	402	513
4	Temperature	432	438	402	402	513
5	Ventilation	145	144	132	134	171
6	PH. of Water	113	91	84	85	118
7	Noise	90	96	77	81	99
8	Dust	111	129	117	105	131
Total:		2151	2212	2024	2013	2280

2.8.2 During the year 2011, out of 2280 samples, 550 were found beyond permissible limits for which mining firms were advised to take precautionary measures. The detailed progress of Mine Sample Testing Laboratory is given at Annexure-8 and sub-standard samples with their analysis at Annexure-9.

2.9 PLANNING AND DEVELOPMENT

Mining Development Cell is headed by a Director (BS-19). This project was completed on 30th June, 1993 by a total cost of Rs. 4.108 million. The functions of the Cell are to prepare text books for the students of Punjab School of Mines, Katas, District Chakwal and Mine Survey Institute Makerwal, District Mianwali and also to prepare and implement new development schemes. The main objectives of the Cell are as under:

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

The progress of Mining Development Cell, Lahore for the year ending 2011 is given as under:

2.9.1 Admissions

The admission process of Punjab School of Mines, Katas for Session 201-14 and Mine Survey Institute, Makerwal for Session 2011-13 was carried out in which 90 and 50 students were admitted respectively.

2.9.2 Examinations

- The 1st Annual Examination, 2011 of Punjab School of Mines, Katas was conducted by Punjab Board of Technical Education, Lahore w.e.f. 7th June to 28th June, 2011.
- The 1st Annual Examination, 2011 of Mine Survey Institute, Makerwal was conducted w.e.f. 15th July, 2011 by Mining Development Cell, Lahore.
- The 2nd Annual Examination, 2011 of Punjab School of Mines, Katas was held w.e.f. 24th November to 10th December, 2011.

2.9.3 Results

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

a) The result of 2nd Annual Examination, 2010 of Punjab School of Mines, Katas was declared on 31st January, 2011 by the Punjab Board of Technical Education, Lahore which is briefed as follows:

Sr. No.	Classes	Students Appeared	Passed	Failed	Pass Percentage
1.	1 st year	74	33	41	45%
2.	2 nd year	54	34	20	63%
3.	3 rd year	26	23	3	88%
Over all position:		154	90	64	58%

b) The result of 1st Annual Examination, 2011 of Punjab School of Mines, Katas was declared in August, 2011 by the Punjab Board of Technical Education, Lahore which is briefed as follows:

Sr. No.	Classes	Students Appeared	Passed	Failed	Pass Percentage
1.	1 st year	113	20	93	18%
2.	2 nd year	76	24	52	32%
3.	3 rd year	63	48	15	76%
Over all position:		252	92	160	37%

ii. Mine Survey Institute, Makerwal District Mianwali

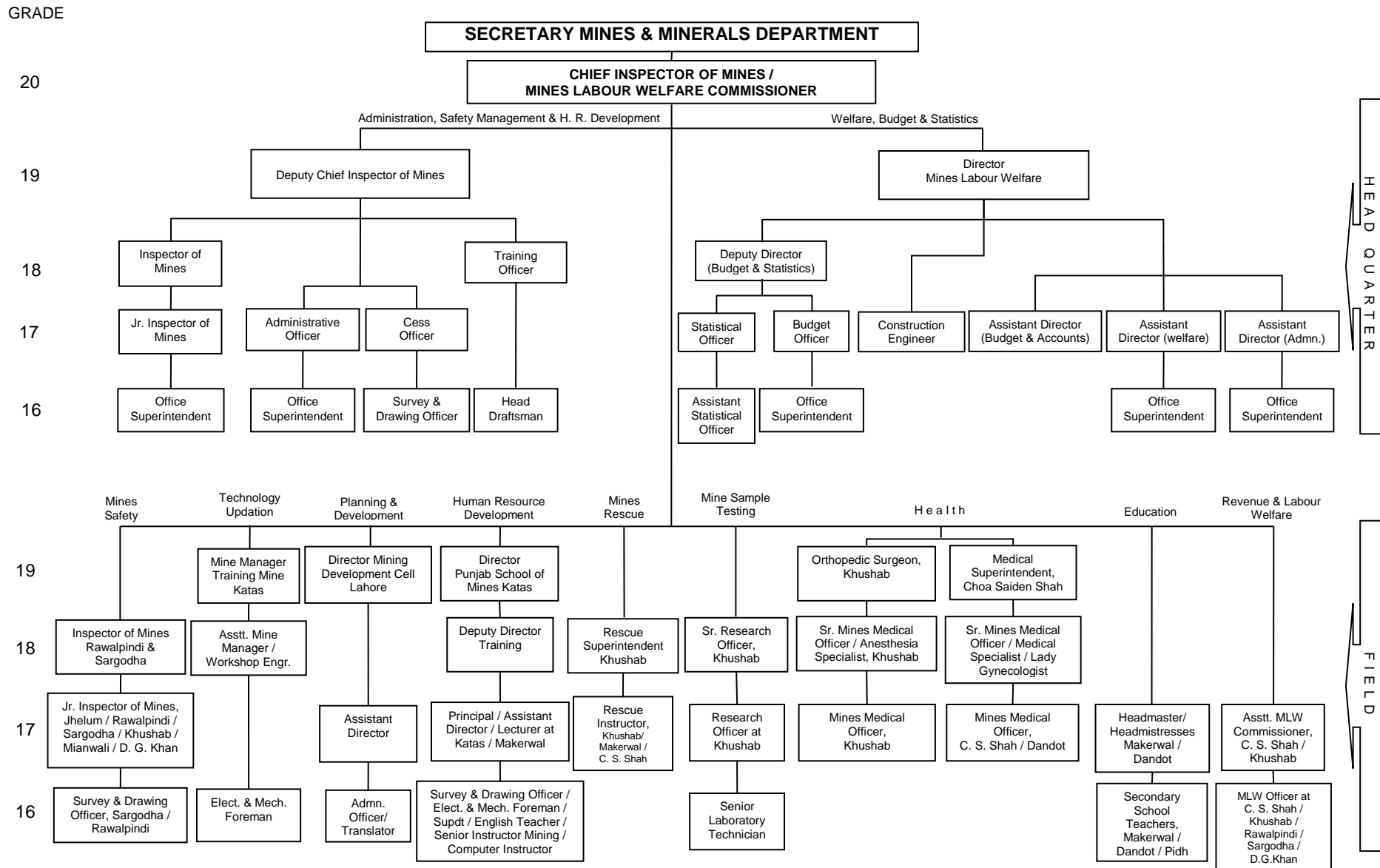
a) The result of 2nd Annual Examination, 2010 of Mine Survey Institute, Makerwal was declared by Mining Development Cell on 18th May, 2011 which is briefed as follows:

Sr. No.	Classes	Students appeared	Passed	Failed	Pass percentage
1.	1 st year	25	17	8	68%
2.	2 nd year	7	6	1	86%
Over all position:		32	23	9	72%

b) The result of 1st Annual Examination, 2011 of Mine Survey Institute, Makerwal was declared by Mining Development Cell which is briefed as follows:

Sr. No.	Classes	Students appeared	Passed	Failed	Pass percentage
1.	1 st year	81	25	56	31%
2.	2 nd year	64	38	26	59%
Over all position:		145	63	82	43%

ORGANIZATIONAL CHART OF THE CHIEF INSPECTORATE OF MINES, PUNJAB DURING THE YEAR, 2011



SECTION-III (STAFF STRENGTH)

3.1 During the year 2011 the following officers of the Inspectorate of Mines, Punjab remained on strength of the department:

Sr. No.	Name of Officer	Designation
1.	Mr. Muhammad Tehzib Hassan Ansari	Chief Inspector of Mines, Punjab and Ex-Officio Mines Labour Welfare Commissioner, Punjab, Lahore.
2.	Mr. Muhammad Saleem Anwer Ghouri	Deputy Chief Inspector of Mines, Punjab, Lahore.
3.	Mr. Riaz Ahmed Choudhry	Director Mines Labour Welfare, Punjab, Lahore.
4.	Mr. Muhammad Idrees	Mine Manager, Training Mine, Katas.
5.	Mr. Ch. Muhammad Siddique	Director, Punjab School of Mines, Katas.
6.	Mr. Muhammad Yaqoob	Deputy Director, Punjab School of Mines, Katas.
7.	Mr. Dilshad Baluch	Inspector of Mines, Rawalpindi
8.	Mr. Muhammad Siddique Ch.	Deputy Director, Punjab School of Mines, Katas.
9.	Mr. Khaliq-ur-Rehman	Inspector of Mines, Sargodha.
10.	Mr. Amjad Sohail Gill	Inspector of Mines, Headquarters, Lahore.
11.	Hafiz Hamid Iqbal	Training Officer, Lahore.
12.	Mr. Irfan Akram	Deputy Director (Budget & Statistics), Punjab, Lahore.
13.	Mr. Qudrat Ullah	Workshop Engineer, Training Mine, Katas.
14.	Mr. Ilyas Muhammad	Rescue Superintendent, Mines Rescue & Safety Station, Khushab

15.	Mr. Muhammad Saleem	Assistant Mine Manager, Training Mine, Katas.
16.	Mr. Noor Muhammad	Jr. Inspector of Mines, Mianwali. (On Ex-Pakistan Leave).
17.	Mr. Rana Nasrullah Khan	Assistant Director, Mining Development Cell, Lahore.
18.	Mr. Rana Khalid Mehmood	Cess Officer (Hqr.), Lahore.
19.	Mr. Muzzammil Akhtar Khan	Assistant Director (Electrical), Punjab School of Mines, Katas.
20.	Mr. Qutab-ud-Din	Principal, Mine Survey Institute, Makerwal.
21.	Mr. Muhammad Sarwar	Budget Officer, Lahore.
22.	Mr. Sibghat Ullah Khan	Assistant Director (Training), Punjab School of Mines, Katas.
23.	Mr. Naseer Ahmed	Lecturer (Physics), Punjab School of Mines, Katas.
24.	Mr. Amjad Hussain	Lecturer (Mathematics), Mine Survey Institute, Makerwal.
25.	Mr. Mustafa Raza	Jr. Inspector of Mines, Khushab.
26.	Mr. Muhammad Kabir	Jr. Inspector of Mines, Mianwali/ Rescue Instructor, Makerwal (Additional Charge).
27.	Mr. Azam Sohail	Rescue Instructor, Mines Rescue & Safety Sub-Station, Choa Saiden Shah.
28.	Mr. Zahid Mehmood	Jr. Inspector of Mines, Rawalpindi.
29.	Ch. Muhammad Ashraf	Jr. Inspector of Mines, Jhelum.
30.	Mr. Mahboob Ahmed	Assistant Director (Electrical), Punjab School of Mines, Katas.
31.	Mr. Naeem Ullah	Lecturer (English), Mine Survey Institute, Makerwal.
32.	Mr. Yasin Sultan Khan	Statistical Officer, Lahore.
33.	Mr. Abuzar Ghaffari	Assistant Director (Mechanical),

		Punjab School of Mines, Katas.
34.	Mr. Muhammad Shafi	Research Officer, Mine Sample Testing Laboratory, Khushab.
35.	Mr. Tahir Ali	Rescue Instructor, Mine Rescue & Safety Station, Khushab.
36.	Mian Afzal Hussain	Jr. Inspector of Mines, Sargodha.
37.	Mr. Qamar Bashir	Head Draftsman (Hqr.), Lahore.
38.	Mr. Muhammad Yasin	Head Draftsman (Hqr.), Lahore.
39.	Mr. Muhammad Aslam	Administrative Officer, Mining Development Cell; Lahore.
40.	Mr. Naeem-ud-Din Akhtar Bhatti	Survey & Drawing Officer (Hqr), Lahore.
41.	Mian Iqbal Ahmed	Survey & Drawing Officer, Sargodha.
42.	Mr. Aziz-ur-Rehman	Survey & Drawing Officer, Mine Survey Institute, Makerwal.
43.	Mr. Muhammad Zafar Iqbal	Electrical & Mechanical Foreman, Training Mine, Katas.
44.	Mr. Muhammad Ashfaq	Administrative Officer (Hqrs.); Lahore.
45.	Mr. Atta-ur-Rehman	Office Superintendent, Punjab School of Mines, Katas.
46.	Mr. Tahir Abbas Khan	Survey & Drawing Officer, Katas.
47.	Mr. Muhammad Zubair	Survey & Drawing Officer, Katas.
48.	Mr. Ghulam Murtaza	Electrical & Mechanical Foreman, Training Mine, Katas.
49.	Mrs. Kausar Mehmood	Office Superintendent (Hqr.), Lahore.
50.	Mr. Tas Muhammad Shah	Survey & Drawing Officer, Rawalpindi.
51.	Miss Nadia Najaf	Translator, Mining Development Cell, Lahore.
52.	Mr. Kishwer Nand	Computer Instructor, Punjab School of Mines, Katas.

3.1.1 The following officers were transferred and posted during the year 2011:

Sr. No.	Name of Officer	Designation		With Effect From
		From	To	
1.	Hafiz Hamid Iqbal	Rescue Superintendent, Mines Rescue & Safety Station, Khushab.	Training Officer (Hqrs.), Lahore.	21.09.2011
2.	Ch. Muhammad Ashraf	Jr. Inspector of Mines (Hqrs.), Lahore.	Jr. Inspector of Mines, Jhelum.	01.10.2011
3.	Mr. Zahid Mehmood	Rescue Instructor, Mines Rescue & Safety Station, Khushab.	Jr. Inspector of Mines, Rawalpindi.	01.10.2011

3.1.2 The following officers held the Additional Charge during the year 2011:

Sr. No.	Name & Designation of the Officer	Additional Charge	With Effect From
1.	Mr. Muhammad Kabir, Jr. Inspector of Mines, Mianwali.	Rescue Instructor, Mines Rescue & Safety Sub-Station, Makerwal.	
2.	Ch. Muhammad Siddique, Director, Punjab School of Mines, Katas.	Mine Manager, Training Mine, Katas.	20.01.2011
3.	Mr. Mustafa Raza, Jr. Inspector of Mines, Khushab.	Rescue Instructor, Mines Rescue & Safety Station, Khushab.	01.10.2011
4.	Hafiz Hamid Iqbal, Rescue Superintendent, Mines Rescue & Safety Station, Khushab.	Senior Research Officer, Mine Sample Testing Laboratory, Khushab.	02.09.2010 to 21.09.2011
5.	Mr. Ilyas Muhammad, Rescue Superintendent, Mines Rescue & Safety Station, Khushab.	Senior Research Officer, Mine Sample Testing Laboratory, Khushab.	21.09.2011

3.1.3 The following officers were promoted during the year 2011:

Sr. No.	Name of Officer/Official	Designation		With Effect From
		From	To	
1.	Mr. Arshad Hameed	Sub-Engineer, Training Mine, Katas.	Sr. Instructor, Training Mine, Katas.	02.08.2011
2.	Ch. Muhammad Siddique	Rescue Superintendent, Mines Rescue & Safety Station, Khushab.	Director, Punjab School of Mines, Katas. (Posted as own pay and scale.)	05.09.2011
3.	Mr. Illyas Muhammad	Jr. Inspector of Mines, Jhelum.	Rescue Superintendent, Mine Rescue & Safety Station, Khushab.	21.09.2011
4.	Mr. Muhammad Saleem	Jr. Inspector of Mines, Sargodha.	Assistant Mine Manager, Training Mine, Katas.	21.09.2011
5.	Mr. Muhammad Ashfaq	Office Superintendent (Hqrs.), Lahore.	Administrative Officer (Hqrs.), Lahore.	26.12.2011

3.1.4 The following new appointments were made on regular basis:

Sr. No.	Name	Appointed As	With Effect From
1.	Mr. Muhammad Shafi S/o. Malik Sultan Ahmed	Research Officer, Mine Sample Testing Laboratory, Khushab.	23.11.2011
2.	Mr. Tahir Ali S/o. Barkat Ali	Rescue Instructor, Mine Rescue & Safety Station, Khushab.	23.11.2011
3.	Mian Afzal Hussain S/o. Ch. Muhammad Sadiq	Jr. Inspector of Mines, Sargodha.	23.11.2011

3.1.5 The following officers remained on Earned Leave/Ex-Pakistan/Extra Ordinary Leave during the year 2011:

Sr. No.	Name of Officer	Ex-Pakistan/Extra Ordinary Leave		Remarks
		From	To	
1.	Mr. Noor Muhammad, Jr. Inspector of Mines, Mianwali.	19.03.2006 19.03.2010 19.03.2011	18.03.2010 18.03.2011 17.03.2012	<ul style="list-style-type: none"> Remained on Ex-Pakistan leave granted on half pay. One year extension was granted without pay.
2.	Mr. Muhammad Idrees, Mine Manager, Training, Katas.	15.09.2010	18.12.2011	Remained on 459 days' Ex-Pakistan leave for family visit to U.S.A. (120 days on full pay and 339 days on half pay.)
3.	Mr. Atta-ur-Rehman, Office Superintendent (Hqrs.), Lahore.	16.01.2010 16.05.2010	15.05.2010 15.05.2012	<ul style="list-style-type: none"> 120 days' earned leave on full pay. 730 days' earned leave on half pay.
4.	Mr. Muhammad Tehzib Hassan Ansari, Chief Inspector of Mines, Punjab.	06.04.2011	26.04.2011	Ex-Pakistan leave to perform Umrah.
5.	Mr. Tas Muhammad Shah, Survey & Drawing Officer, O/o. Inspector of Mines, Rawalpindi.	24.03.2011	22.04.2011	Ex-Pakistan leave to perform Umrah.

3.1.6 Mr. Naeem Ullah, Lecturer (English), Mine Survey Institute, Makerwal was regularized vide Notification No. SO(Estt.)2-40/07(CIM)-3908 dated 21st November, 2011.

3.2 GRADE-WISE STRENGTH OF INSPECTORATE OF MINES, PUNJAB

B.P.S.	NO. OF POSTS AS ON 31.12.2010		
	HEAD QUARTER	FIELD	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
Total:	75	305	380

3.3. DISTRIBUTION OF PERMANENT/TEMPORARY POSTS OF INSPECTORATE OF MINES, FOR THE YEAR 2011

3.3.1. 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	14	1	-	1
Budget Assistant	14	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
Camerman Helper	01	1	-	1
Naib Qasid	01	9	-	9
Chainman	01	2	-	2
Chowkidar	01	1	-	1
Sweeper	01	2	-	2
Total:		72	3	75

3.3.2 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
Total:		19	-	19

3.3.3 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
Total:		17	-	17

3.3.4 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
Total:		7	-	7

3.3.5 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
Total:		7	-	7

3.3.6 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
Total:		8	-	8

3.3.7. 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
Total:		7	-	7

3.3.8. 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's	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
Total:		34	-	34

3.3.9. 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
Total:		21	1	22

3.3.10. 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 Equipments	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
Total:		16	-	16

3.3.11. 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
Mechanic for Mechanical and Electrical Equipment's	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
Total:		16	-	16

3.3.12 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
Lecturer Economics	17	1	-	1
Lecturer Chemistry	17	-	1	1
Lecturer Mathematics	17	-	1	1
Lecturer Islamiat & Pakistan Studies	17	-	1	1
Survey & Drawing Officer	16	2	-	2
Senior Instructor Mining	16	1	-	1

Annual Report Of Chief Inspector Of Mines Punjab For The Year, 2011

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	07	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
Total:		55	4	59

3.3.13 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
Total:		18	-	18

3.3.14 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	14	1	-	1

Annual Report Of Chief Inspector Of Mines Punjab For The Year, 2011

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
Total:		53	01	54

3.3.15 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
Total:		21	-	21
Grand Total:		371	9	380

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 2nd 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, 2011.

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) ibid.
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) ibid.
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) ibid.
5.	Mr. Muhammad Khalid Pervaiz, Ex-Chief Inspector of Mines, Punjab, 18-B, Gulshan Ravi, Lahore.	Member
6.	Mr. Nazir Ahmed S/o Fageer Muhammad, President, Workers & Staff Union, Makerwal Collieries, Makerwal.	Member nominated under clause (e) ibid (Representative of Mine Workers).
7.	Malik Musaddiq Hussain Aslam, General Secretary, Miners Union, PMDC (Pvt.) Ltd; Khewra, District Jhelum.	Member nominated under Clause (e) ibid (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 new constitution remained under process during the year under report.

4.3 Placement Board

During the year, 2011, 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:

MINING ENGINEERS REFERRED TO MINING FIRMS

Sr. No.	Name of Mining Engineer	Name of Firm	Date
1.	Mr. Muhammad Shoaib Nasir S/o. Nasir Ahmad, R/o. House No. 4, Street No. 23, Aziz Colony, Wandala Road, Shahdara, Lahore.	M/s. Punjab Coal Co. C. S. Shah, District Chakwal.	11.01.2011
2.	Mr. Muhammad Shoaib Nasir S/o. Nasir Ahmad, R/o. House No. 4, Street No. 23, Aziz Colony, Wandala Road, Shahdara, Lahore.	M/s. D. G. Khan Cement Factory, D. G. Khan.	01.02.2011
3.	Mr. Ameer Abbas S/o. Ghulam Qambar Khan, R/o. Mouza Gudara, P. O. Garh Mahraja, Tehsil Ahmed Pur Siyal, District Jhang.	M/s. Al-Hamad Coal Mines, Padhrar, Khushab.	18.02.2011
4.	Mr. Sher Afgan S/o. Gulzar Ahmad, R/o. House No. 246, Jinnah Colony, Bahawal Nagar.	M/s. Fauji Cement Co. Ltd; House No. 62, Khayban-e-Iqbal, Margala Road, F-7/2, Islamabad.	15.03.2011
5.	Mr. Sher Afgan S/o. Gulzar Ahmad, R/o. House No. 246, Jinnah Colony, Bahawal Nagar.	M/s. Ghani Mines (Pvt.) Ltd; Liberty Tower, Suit No. 204, Liberty Market, Gulberg-III, Lahore.	20.04.2011
6.	Mr. Faisal Ramzan, House No. C-552, Street -07, Yousaf Park, Shahdra, Lahore.	M/s. M. Fazal Haq & Co; Khushab.	02.06.2011
7.	Mr. Muhammad Hafeez, R/o. House No. 56, Street No. 18, Sadat Park, Sahowari, Mughal Pura, Lahore.	M/s. Sanga Brothers, (Coal & Salt mine owner), Old Bus Stand, Khushab.	12.09.2011
8.	Mr. Muhammad Hafeez, R/o. House No. 56, Street No. 18, Sadat Park, Sahowari, Mughal Pura, Lahore.	M/s. Punjmin, 2nd Floor, Alfalah Building, Shahrah-e-Quaid-e-Azam, Lahore.	12.09.2011
9.	Mr. Fareed Ishfaq, R/o. House No.1179/A, Satellite Town, Jhang.	M/s., Askari Cement Factory, Wah, District Rawalpindi.	27.10.2011

10.	Mr. Kashif Mahmood, R/o. House No. 03, Street No. 19, Bazaar No. 1, Arfat Colony, Gujranwala.	M/s. Katha Degwell (Pvt.) Ltd; Khushab.	17.11.2011
11.	Mr. Mubarik Ali, R/o. House No. 126, Block No. 3, Sector D-II, Quaid-e- Azam Town, Lahore.	Bestway Cement Factory, Dulmial, Tehsil Choa Saden Shah, District Chakwal.	28.11.2011

MINING SUPERVISORS/ASSOCIATE ENGINEERS REFERRED TO MINING FIRMS

Sr. No.	Name of Mining Supervisor/Diploma Holder	Name of Firm	Date
1.	Mr. Badar Yaseen Iqbal S/o. Muhammad Yaseen, R/o. Mohalla Baba Shaday Khan, Hadali, Tehsil & District Khushab.	M/s. Ghani Corp, Quaidabad, District Khushab.	20.04.2011
2.	Mr. Muhammad Asif S/o. Haji Dost Muhammad, R/o. Dhok & P.O. Lawa, Tehsil Talagang, District Chakwal.	M/s. Ghani Corp, Quaidabad, District Khushab.	26.06.2011

SECTION-V

(INITIATIVES)

5.1 PERFORMANCE OF 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 purposes 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 was remained as under:-

- | | | |
|-----|--|----------|
| 1. | Mr. Muhammad Tehzib Hassan Ansari,
Chief Inspector of Mines, Punjab, Lahore. | Chairman |
| 2. | Sardar Farooq Hayat Khan, Chairman,
Pakistan Mine Owners Association & Managing Director
M/s Wah Stone Industries (Pvt.) Ltd; Hazara Road, Hassan
Abdal, Distt: Attock. | Member |
| 3. | Mr. Muhammad Rafique, Chief Mining Engineer,
Punjab Mineral Development Corporation, 2nd Floor,
Alfalsh 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, 7th 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 |
| 09. | 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 endeavoured 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 ESTABLISHMENT OF DEVELOPMENT PROJECTS

5.2.1 Status of schemes for the Annual Development Programme 2010-11 and utilization upto the end of June, 2011 was as follows:

ON-GOING SCHEMES:

Sr. No.	Name of Scheme	Estimated Cost	Utilization
1.	Extension of Punjab School of Mines, Katas, District Chakwal. G. S. NO. 2899 Construction of Boundary wall completed while construction of residencies was in progress. Gas fittings in residential portion were completed. Road work was also completed. Rs. 2.7 million was re-appropriated to other development schemes.	75.276 m	18.118 m
2.	Strengthening of Training Mine for Mine Supervisors and Mining Technicians, Choa Saiden Shah, District Chakwal. G. S. No. 2900 Finishing work of workshops was in progress. Grinding of Floors was in progress. Rs. 0.600 million was re-appropriated for building work and Rs. 1.500 million surrendered from Revenue head.	73.139 m	10.747 m
3.	Construction of 12 Residential Quarters for Para Medical Staff of Mine Labour Welfare Hospital, Choa Saiden Shah, District Chakwal. G. S. No. 2901 All residencies completed. Finishing, painting and electrical wiring was in progress. Sui Gas connections were also in progress. Rs. 6.800 million was re-appropriated from other schemes to complete the work.	24.135 m	26.079 m
4.	Establishment of Mines Rescue & Safety Area Sub Station, Nooripara near Munara Tehsil Kalar Kahar, District Chakwal. G. S. No. 2903 Boundary wall completed. Construction of main office building was completed upto lintel level. Construction of residencies completed upto roof level. Construction of Garage was in progress.	39.908 m	32.268 m
5.	Establishment of 10 Bedded MLW Hospital at Chak No. 119/S.B, Tehsil Sillanwali, District Sargodha. G. S. No. 2904 Brick work in super structure of main building was completed upto roof level. Boundary wall completed. Brick work of residencies of grade 16 and 17 officers at ground floor was in progress. Brick work of residencies of staff was also in progress.	56.798 m	7.367 m

6.	Establishment of Mines Labour Welfare Girls Higher Secondary School at Chak No. 119/S.B. Tehsil Sillanwali, District Sargodha. G. S. No. 2905 Brick work of main building was in progress. Brick work of boundary wall completed upto 1,300 Rft and other work was in progress. Structure work and shuttering of base slab of over head water tank was in progress.	64.825 m	5.000 m
7.	Establishment of Labour Colony, Padhrar, District Khushab. G. S. No. 2907 Cost of land for approach road was paid. The PC-1 was under revision due to change in Market Rates Schedule of 1 st quarter, 2011. However, Rs. 4.823 million was re-appropriated to another development scheme.	118.604 m	0.952 m
8.	Strengthening of Mine Survey Institute, Makerwal, District Mianwali. G. S. No. 2909 Construction of two class rooms and one table tennis hall was completed and electrification was under process. Survey equipments partially purchased and Rs. 3.624 million surrendered from revenue head.	20.438 m	6.781 m
9.	Upgradation of Mines Labour Welfare Boys High School to Higher Secondary School, Makerwal, District Mianwali. G. S. No. 2910 Brick work was completed upto roof level and roof laid while boundary wall was in progress.	40.719 m	10.991 m
10.	Water Supply Scheme for four institutions of Mines & Minerals Department at Makerwal, District Mianwali. G. S. No. 2911 Construction of four water tanks was completed in addition to completion of major portion of the scheme. However, minor finishing work was under process. Due to non-availability of funds, transformer & submersible pump was yet to be installed.	9.961 m	7.939 m
11.	Construction of Building for the office of Chief Inspector of Mines, Punjab, Lahore & Mines Labour Welfare Commissioner, Lahore. G. S. No. 2912 Possession of plot had already been taken from the Lahore Development Authority. For engagement of consultants, tenders were opened on 09.05.2011 and issuance of work order was under process. Furthermore, Rs. 4.823 million was re-appropriated from another scheme to start the construction work.	173.607 m	33.829 m

12.	Provision of Wholesome Drinking Water for Mining Labour at Katha Sagral District Khushab and C. S. Shah District Chakwal. G. S. No. 2915 Boundary wall and construction of two quarters of 990 Sqft. was completed including storage tank and chamber.	34.298 m	11.460 m
-----	---	----------	----------

NEW ADP SCHEMES:

Sr. No.	Name of Scheme	Estimated Cost	Utilization
1.	Construction of Building of Mines Labour Welfare Girls High School, Dandot, District Jhelum. G. S. No. 2917 PC-2 had been approved. However, funds were not released by the Government.	1.000 m	-

5.2.2 Status of on-going schemes for the Annual Development Programme 2011-12 and utilization upto the end of December, 2011 was as follows:

Sr. No.	Name of Scheme	Estimated Cost	Utilization
1.	Extension of Punjab School of Mines, Katas, District Chakwal. G. S. NO. 1933 Road work, residential portion's gas fitting and 75% construction of boundary wall was completed. Residences were completed upto lintel level. Mining equipments for student's training were purchased worth Rs. 1.125 million. However, Rs. 6.573 million in capital head is required for completion of the project.	75.276 m	24.478 m
2.	Strengthening of Training Mine for Mine Supervisors and Mining Technicians, Choa Saiden Shah, District Chakwal. G. S. No. 1734 Construction work was completed and mine safety equipments for student's training worth Rs. 1.747 million were purchased. However, request for approval of tender notice for purchase of survey equipment had been submitted to the Administrative Department.	73.139 m	12.494 m
3.	Establishment of Mines Rescue & Safety Area Sub Station, Nooripara near Munara Tehsil Kalar Kahar, District Chakwal. G. S. No. 1735 Work order had already been issued to the contractors and 80% construction work was completed. However, Rs. 4.894 million in capital head and Rs. 4.101 million in revenue head was required for completion of the project and purchase of Generator and Rescue Van.	39.908 m	32.268 m

4.	Establishment of 10 Bedded MLW Hospital at Chak No. 119/S.B., Tehsil Sillanwali, District Sargodha. G. S. No. 1736 Construction of boundary wall alongwith gates, residence of officer and first floor of residencies for paramedical staff was completed while main building was completed upto lintel level.	56.798 m	15.367 m
5.	Establishment of Mines Labour Welfare Girls Higher Secondary School at Chak No. 119/S.B. Tehsil Sillanwali, District Sargodha. G. S. No. 1737 Two sides of boundary wall were completed while main building was completed upto DPC level. Shuttering for over head water tank was completed. However, construction work was withheld by the contractor due to non-availability of funds.	64.825 m	6.000 m
6.	Strengthening of Mine Survey Institute, Makerwal, District Mianwali. G. S. No. 1738 Request for approval of tender notice for purchase of survey equipments was being submitted to the Administrative Department while finishing work was in progress.	20.438 m	7.208 m
7.	Upgradation of Mines Labour Welfare Boys High School to Higher Secondary School, Makerwal, District Mianwali. G. S. No. 1739 Roof of the first floor of main building was laid. Building Department was demanding funds amounting to Rs. 3.600 million in addition to releases. Purchase of equipments for Physics, Chemistry and Biology Labs was in tendering process.	40.719 m	15.991 m

5.2.3 UN-FUNDED ON-GOING SCHEMES

The following on-going schemes were remain un-funded in the Annual Development Programme 2011-12:

Sr. No.	Name of Scheme	Estimated Cost	Utilization
1.	Establishment of Labour Colony, Padhrar, District Khushab. G. S. No. 2907 (2010-11)	118.604 m	0.952 m
2.	Water Supply Scheme for four institutions of Mines & Minerals Department at Makerwal, District Mianwali. G. S. No. 2911 (2010-11)	9.961 m	7.939 m

3.	Construction of Building for the office of Chief Inspector of Mines, Punjab, Lahore & Mines Labour Welfare Commissioner, Lahore. G. S. No. 2912 (2010-11)	173.607 m	33.829 m
4.	Provision of Wholesome Drinking Water for Mining Labour at Katha Sagral District Khushab and C. S. Shah District Chakwal. G. S. No. 2915 (2010-11)	34.298 m	11.460 m

The non-development budget position of the department in respect of sanctioned budget, revised budget and expenditure for the years from 1988-89 to 2011-12 is placed at Annexure-33.

5.3 TARGETS SETTING AND CLOSE MONITORING OF OFFICE WORK

Each functional unit of the Inspectorate was assigned full year targets and monthly progress of each Section was reviewed in monthly targets meetings. The target achievements during the year remained between the limits of 83% to 97%. This brought quick disposal of official cases detail of which is enclosed as Annexure 10 to 20.

5.4 ORGANIZED TOURING

The functions of the Inspectors of Mines are regulatory and require mine inspections and inquiries into accidents. To have check on field staff, the routine inspections and touring of all officers was therefore organized by assigning them the areas to be inspected in a year and then per month and also the days of inspections in each week were fixed. This brought close monitoring of the field staff, economy as well as 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-21 & 22.

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 COMPUTERIZING THE PAST TRACK RECORD OF MINING FIRMS

The salient features about the past history of mining firms, their management position, mine inspection by different Inspectors and accident reports have been tabulated on computer as a result of which much more pending issues were brought to surface and settled.

5.7 CONFIRMATION/MONITORING OF COMPENSATION PAID TO MINE ACCIDENTEES

All those cases requiring adjudication by Compensation Commissioner were checked with record of the payment to the families of the deceased persons.

5.8 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.

5.9 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-23.

5.10 MINING AND ECOLOGY

Mining has generally been considered as an echo enemy but this department feels that it can be made echo 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.

5.11 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. The monthly message is given by Chief Inspector of Mines to the field officers, mine owners and workers on various dimensions of disciplines and human facets.

5.12 ANNUAL CALENDAR

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

SECTION-VI (LABOUR FORCE)

6.1 During the year 2011, the reported daily average number of persons working in or about the mines falling within the purview of the Mines Act, 1923 was 41734 as compared to 41504 during the year, 2010 which shows an increase of 230 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		
	2011	2010	2009	2011	2010	2009
Underground	19935	19322	21326	-	-	-
Open cast working	15706	16037	14774	94	114	70
Surface	5999	6010	6127	-	21	23
Total:-	41640	41369	42227	94	135	93

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

Years →	Males			Females		
	2011	2010	2009	2011	2010	2009
Coal	20850	20328	20500	94	114	70
Metalliferous and Non-metalliferous	20790	21041	21727	-	21	23
Total:-	41640	41369	42227	94	135	93

6.4 Full details of number of persons employed in coal mines and other than coal mines are given at Annexure-24, 25 & 26. The district/mineral wise labour force in mining industry of Punjab, reported during the year, 2011, is enclosed at Annexure-32.

- 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, 2011. 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 20th to 26th February, 2011. This is a requirement under Regulation 3(4) of the Coal Mine Regulations, 1926 which read as under:-

"On or before the 1st 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-27.

6.7 The Labour Force in Mining Industry of Punjab during the years 2002 to 2011 is as under:-

Minerals	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Arg. Clay	362	226	257	368	399	423	416	459	326	390
Bauxite	38	42	47	48	55	44	52	17	37	46
Bentonite	52	83	106	78	115	129	163	63	113	138
Celestite	-	-	-	-	6	3	5	4	-	-
China Clay	-	-	6	5	6	8	8	9	17	23
Coal	17911	18275	18225	18694	19139	19083	20223	20570	20442	20944
Dolomite	96	104	78	14	42	63	67	39	45	18
Fire Clay	284	229	283	298	398	369	447	286	616	392
Fuller Earth	11	9	14	5	6	4	-	-	-	-
Gravel	-	-	-	-	16	-	-	24	-	59
Gypsum	1534	1700	1684	1308	1413	1373	1346	1366	1455	1659
Iron Ore	28	21	56	25	109	86	149	160	110	164
Laterite	10	13	14	-	7	28	49	56	51	58
Limestone	5708	6783	7117	7650	8237	8253	8281	8305	7718	7210
Marble	-	-	-	7	10	36	23	14	10	-
Mill Stone	12	-	-	-	-	-	-	-	-	-
Ocher	36	45	43	68	171	83	64	63	60	75
Ord. Sand	9	2856	2766	2561	1000	985	867	-	-	-
Sand Stone	10469	6047	6027	6061	6549	6681	5902	5081	4695	4828
Rock Salt	3799	3678	3489	3477	3521	3439	3783	3555	3781	3692
Silica Sand	313	526	471	295	356	512	450	2249	2028	2038
Tar Sand	-	-	-	-	20	-	-	-	-	-
Total:-	40672	40637	40683	40962	41575	41602	42295	42320	41504	41734

SECTION-VII (OUTPUT OF MINERALS)

7.1 COAL

7.1.1 The production of Coal reportedly produced during the year, 2011 was 581510 tons as compared to 514044 tons during the previous year. There is an increase of 67466 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	2011			2010		
	Output (in tons)	Daily Attendance	O.M.S.*	Output (in tons)	Daily Attendance	O.M.S.*
Rawalpindi	327665	12740	0.13	256111	12485	0.10
Sargodha	253845	8204	0.15	257933	7957	0.16
D. G. Khan	-	-	-	-	-	-
Total:-	581510	20944	0.14	514044	20442	0.13

* 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. It would therefore, be essential that the mining firms should be impressed upon to engage mine surveyors on whole-time basis for the maintenance of maps which could be presented to the field inspecting staff as and when they visit the sites. On the basis of the arguments 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 581510 tons of coal production alongwith opening stock of 33387 tons, 574423 tons was dispatched by road as compared to 514044 tons raised and 513279 tons dispatched during the year, 2010.
- 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-28.

7.2 ARGILLACEOUS CLAY

During the year under report the reported production of Argillaceous Clay was 6794794 tons as compared to 4526833 tons during the year, 2010.

7.3 BAUXITE

During the year under report, the production of Bauxite has been reported as 7723 tons as compared to 5922 tons during the year, 2010. 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 5136 tons as compared to 8830 tons during the year, 2010.

7.5 CELESTITE

During the year under report, the production of Celestite was reported as "NIL".

7.6 CHINA CLAY

During the year the production of China Clay reported was 5070 as compared to 3770 production during previous year.

7.7 DOLOMITE

During the year under report, the production of Dolomite was reported as 4670 tons as compared to 11085 tons during the year, 2010.

7.8 FIRECLAY

During the year under report, the reported production of Fireclay was 200677 tons as compared to 244629 tons during the year, 2010. 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 under report, the production of Fuller Earth was reported as "Nil".

7.10 GRAVEL

During the year under report, the production of Gravel was reported as 3070 as compared to "Nil" during the year, 2010.

7.11 GYPSUM

During the year under report, the production of Gypsum was reported as 492020 tons as compared to 545459 tons during the year, 2010. 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 26310 tons as compared to 53108 tons during the year, 2010.

7.13 LATERITE

During the year under report, the production of Laterite was 32817 tons as compared to 45719 tons during the previous year.

7.14 LIMESTONE

During the year under report, the production of Lime Stone was reported as 12902270 tons compared to 18369800 tons during the year, 2010. 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 compared to 1450 during the year, 2010.

7.16 MILL STONE

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

7.17 OCHER

During the year under report the production of Ocher was 24415 tons as compared to 20119 tons during the year, 2010.

7.18 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, for the year, 2011 there was no production reported to this office.

7.19 SAND STONE

During the year under report, the production of Ordinary Stone was 16080000 tons as compared to 12523500 tons during the year, 2010. The Sand Stone is mainly used as road ballast and in construction work.

7.20 ROCK SALT

During the year under report, the production of Rock Salt was reported as 1752309 tons as compared to 1772362 tons during the year, 2010. 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.

7.21 SILICA SAND

During the year under report, the production of Silica Sand was 153426 tons as compared to 253202 tons during the year, 2010. The Silica Sand is mainly used in Glass and Chemical Industries.

7.22 TAR SAND

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

There were 344 mining firms who have not submitted the annual returns to show the annual production of minerals and other data for the year, 2011 were prosecuted under Section 36 of the Mines Act, 1923. The comparison of production of different minerals in Punjab for the last 10 year is given as follows:

PRODUCTION OF DIFFERENT MINERALS IN PUNJAB FOR THE LAST 10 YEARS

(Figures in Tons)

Year →	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Name of Mineral	1	2	3	4	5	6	7	8	9	10
Arg. Clay	1303586	2763169	2372324	1537621	2035234	3661651	4620840	3566988	4526833	6794794
Bauxite	8915	4504	4166	4578	8269	36184	15260	4670	5922	7732
Bentonite	10814	4299	5785	8759	3753	4539	14991	5261	8830	5136
Brine	60	63364	59109	52658	52728	-	-	-	-	-
Celestite	-	-	-	-	455	200	740	275	-	-
China Clay	-	-	934	2500	1200	9724	8000	6400	3770	5070
Coal	502596	532662	514350	916714	512425	486117	490845	547690	514044	581510
Dolomite	30158	3045	48887	4010	22900	55218	124631	25753	11085	4670
Fire Clay	129256	99288	166228	181125	246456	191196	234302	201836	244629	200677
Fuller Earth	1240	1260	360	880	50	40	-	-	-	-
Graval	-	-	-	-	16500	-	-	1420	-	3070
Gypsum	270574	143514	269552	195714	307494	382141	453393	459796	546459	492020
Iron Ore	5926	2145	11411	9459	38641	53904	93374	96401	53108	26310
Laterite	26135	45404	49600	1423	1740	68883	50821	15210	45719	32817
Limestone	8179487	5507142	8146990	13348928	13530908	15800893	18410276	18711904	18369800	12902270
Marble	-	-	-	105	1330	2142	654	3090	1450	-
Mill Stone	660	-	-	-	-	-	-	-	-	-
Ocher	2292	8591	5154	13205	49357	22888	17941	21236	20119	24415
Ord. Sand	308080	817266	757795	687080	314077	314320	286563	-	-	-
Sand Stone	1254592	411915	10302500	10211600	11155523	16959295	18388038	13069412	12523500	16080000
Rock Salt	1546385	1853918	1744518	1912833	1521758	1597807	1342056	1754558	1772362	1752309
Silica Sand	69782	94980	121749	128040	189635	219805	192191	235043	253202	153426
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 2011, the total Electric Power used in Coal Mines as well as in the other than Coal Mines was 20637 H.P. as compared to 20182 H.P. during previous the year.

An analysis of figures relating to aggregate electric power used on surface and below ground during the year, 2011 is given at Annexure-29.

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 No information about the new mechanical ventilation was communicated to the Inspectorate of Mines during the year under report.

An analysis of figures relating to use of explosive during the year, 2011 is given at Annexure-30.

SECTION-X

(ANNEXURES)

Annexure-1

MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY STATION, KHUSHAB FOR THE YEAR, 2011

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	9	-	-	-	-	-	-	-	-	-	23	54
February	1	9	-	-	2	43	-	-	-	-	-	35	105
March	3	30	-	-	-	-	-	-	-	-	2	24	77
April	2	23	-	-	-	-	-	-	-	-	-	20	74
May	1	8	-	-	-	-	-	-	-	-	-	39	94
June	3	25	-	-	-	-	1*	1	1	-	-	32	93
July	1	13	-	-	-	-	-	-	-	-	-	32	69
August	-	-	-	-	-	-	-	-	-	-	-	25	64
September	3	27	-	-	-	-	-	-	-	-	-	25	85
October	1	10	-	-	-	-	-	-	-	-	1	26	61
November	1	10	-	-	-	-	-	-	-	-	1	25	111
December	3	30	-	-	-	-	-	-	-	-	1	43	98
Total:-	20	194	0	0	2	43	1	1	0	0	5	349	985

* One emergency was attended by the rescue team on 22nd June, 2011 in the area of M/s.Chiniot Collieries, Khushab.

Annexure-2

**LIST OF PARTICIPANTS OF REGULAR RESCUE TRAINING COURSES
CONDUCTED AT MINES RESCUE & SAFETY STATION, KHUSHAB,
FOR THE YEAR, 2011**

Sr. No.	Name	Designation	Name of Firms
Course No. 380 held from 03.01.2011 to 17.01.2011 at Khushab			
1.	Mr. Muhammad Irfan	Supervisor	M/s Katha Collieries, Khushab.
2.	Mr. Ghulam Abbas	Munshi	M/s Katha Digwell, Khushab.
3.	Mr. Zafar Iqbal	Munshi	M/s M. Fazal Haq & Co; Khushab.
4.	Mr. Raja Nazar Hussain	Mine Sardar	M/s Aziz Collieries, Khushab.
5.	Mr. Khurshid Ali Khan	Munshi	M/s Rehman Coal Co; Khushab.
6.	Mr. Amanullah	Salt Cutter	M/s Al-Mohandas Salt Mines, Quaidabad.
7.	Mr. Ghulam Idrees Ahmed	Helper	Mr. PUNJMIN, Khushab.
8.	Mr. Ahmed Sher	Foreman	M/s Sangha Salt Mines, Khushab.
9.	Mr. Tahir Mehmood	Munshi	M/s Sangha Coal Co; Khushab.
Course No. 381 held from 01.02.2011 to 15.02.2011 at Khushab			
1.	Mr. Tahir	Coal Cutter	M/s M. Fazal Haq & Co; Khushab.
2.	Mr. Ahmed Sher	Foreman	M/s Sangha Coal Co; Khushab.
3.	Mr. Muhammad Arif Hayat	Naib Qasid	M/s PUNJMIN, Khushab.
4.	Mr. Amir Badshah	Mine Sardar	Mr. Katha Digwell, Khushab.
5.	Mr. Waqar Mehdi	Munshi	M/s Sangha Coal Co; Khushab.
6.	Mr. Rahim Bukhsh	Worker	M/s Rehman Coal Co; Khushab.
7.	Mr. Muhammad Saleem	Munshi	M/s Chiniot Collieries, Khushab.
8.	Mr. Muhammad Ramzan	Salt Cutter	M/s Al-Mohandas Corporation, Quaidabad.
9.	Mr. Zia-ur-Rehman	Supervisor	M/s Al-Hamd Coal Co; Khushab.

Course No. 382 held from 01.03.2011 to 15.03.2011 at Khushab			
1.	Mr. Dil Akbar	Coal Cutter	M/s M. Fazal Haq & Co; Khushab.
2.	Mr. Muhammad Arif Hayat	Naib Qasid	M/s PUNJMIN, Khushab.
3.	Mr. Muneer Ahmed	Pipe Fitter	Mr. Katha Digwell, Khushab.
4.	Mr. Majid-ur-Rehman	Tak I	Pakistan Atomic Energy Commission, Islamabad.
5.	Mr. Tasawar Hussain	Tak II	Pakistan Atomic Energy Commission, Islamabad.
6.	Mr. Nasir Jamil	Munshi	M/s Al-Mohandas Corp; Quaidabad.
7.	Mr. Qausar Abbas	Lab. Attendant	Mine Sample Testing Laboratory, Khushab.
8.	Mr. Muhammad Munawar	Salt Cutter	M/s PMDC Salt Mine, Warcha.
Course No. 383 held from 15.03.2011 to 30.03.2011 at C.S. Shah			
1.	Mr. Qazi Ahmed Bilal	Supervisor	M/s Iqbal Mineral Co; C. S. Shah.
2.	Mr. Kaab Raza Qazi	Supervisor	M/s Iqbal Mineral Co; C. S. Shah.
3.	Mr. Muhammad Shoaib	Gang Man	M/s PMDC Salt Mine, Khewra.
4.	Mr. Muhammad Afsar	Coal Cutter	M/s Khan Coal Co; Dandot.
5.	Mr. Ashfaq Jilani	Electrician	M/s Makkah Salt Mine, Khewra.
6.	Mr. Malik Israr Ahmed	Munshi	M/s Wah Stone & Lime Quarry, Dandot.
7.	Mr. Muhammad Wakeel	Mate	M/s Nazar & Co; Khewra.
8.	Mr. Sarwar Khan	Coal Cutter	M/s Nazar & Co; Khewra.
9.	Mr. Ahmed Shah	Coal Cutter	M/s Nazar & Co; Khewra.
10.	Mr. Ameer Zada	Coal Cutter	M/s Nazar & Co; Khewra.
11.	Mr. Kamran Safdar	Coal Cutter	M/s. Bilal Mineral Associates, C. S. Shah
12.	Mr. Fazal Dad Khan	Coal Cutter	M/s. Bestway Cement Co; C. S. Shah

Course No. 384 held from 14.03.2011 to 28.03.2011 at Makerwal			
1.	Mr. Ayub Khan	Mine Sardar	M/s Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Akram	S.L. Issuer	-do-
3.	Mr. Haq Dad Khan	Coal Cutter	-do-
4.	Mr. Shahid Din	Coal Cutter	-do-
5.	Mr. Wali Khan	Coal Cutter	-do-
6.	Mr. Abdul Sattar	Worker	-do-
7.	Mr. Zar Janan	Worker	-do-
8.	Mr. Zaitullah	Worker	-do-
9.	Malik Mazmeer	Worker	-do-
10.	Mr. Khan Zaman	Coal Cutter	-do-
11.	Mr. Ashiq Hussain	UDC	M/s PMDC Salt Mine, Kalabagh.
12.	Mr. Muhammad Shah	Naib Qasid	-do-
Course No. 385 held from 04.04.2011 to 19.04.2011 at Khushab			
1.	Mr. Akhtar Nawaz	Munshi	M/s Hayat-ul-Mir Mines, Khushab.
2.	Mr. Muhammad Safdar	Haulage Operator	M/s PUNJMIN, Khushab.
3.	Mr. Muhammad Ameer	Munshi	M/s M. Fazal Haq & Co; Khushab.
4.	Mr. Sher Muhammad	Quli	M/s M. Amin Brothers, Khushab.
5.	Mr. Sajjad Hussain	Cess Inspector	O/o. Assistant Mines Labour Welfare Commissioner, Khushab.
6.	Mr. Muhammad Ramzan	Salt Cutter	M/s PMDC Salt Mines, Warcha.
7.	Mr. Muhammad Feroz	Salt Cutter	Mine Sample Testing Laboratory, Khushab.
8.	Rana Zia Ullah	Driver	M/s Rehman Coal Co; Khushab.
9.	Mr. Mian Muhammad	Coal Cutter	M/s Aziz Collieries, Khushab.
10.	Mr. Muhammad Hussain	Coal Cutter	M/s Khyber Coal Co; Khushab.
11.	Sami Ullah	Clerk	M/s. Haji Sarfaraz & Co; Khushab.
Course No. 386 held from 18.04.2011 to 23.04.2011 at Khushab			
1.	Mr. Gul Rehman	Student of Mining Engineering	University of Engineering & Technology, Lahore.

2.	Mr. Muhammad Hafiz	-do-	-do-
3.	Mr. Kashif Mehmood	-do-	-do-
4.	Mr. Khizer Abid	-do-	-do-
5.	Mr. Amir Shahid	-do-	-do-
6.	Mr. Muhammad Saeed	-do-	-do-
7.	Mr. Ibrar Ali	-do-	-do-
8.	Mr. Waqar Tariq	-do-	-do-
9.	Mr. Fareed Ashfaq	-do-	-do-
10.	Mr. Malik Khan Khajak	-do-	-do-
11.	Mr. Aurang Ziab	-do-	-do-
12.	Mr. Faiz Meo	-do-	-do-

Course No. 387 held from 02.05.2011 to 16.05.2011 at Khushab

1.	Mr. Sher Muhammad	Amani Worker	M/s M. Amin Brothers, Khushab.
2.	Mr. Muhammad Bashir	Munshi	M/s M. Fazal Haq & Co; Khushab.
3.	Mr. Muhammad Aslam	Salt Cutter	M/s PMDC Salt Mines, Warcha.
4.	Mr. Muhammad Wazir	Salt Cutter	M/s Ghani Salt Mines, Quaidabad.
5.	Mr. Muhammad Riaz	Chowkidar	M/s PUNJMIN, Khushab.
6.	Mr. Muhammad Ramzan	Chowkidar	M/s Aziz Collieries, Khushab.
7.	Mr. Aseed Nawaz	Coal Cutter	M/s Katha Colliery, Khushab.
8.	Mr. Khushi Muhammad	Generator Operator	Mr. Katha Digwell, Khushab.

Course No. 388 held from 01.06.2011 to 15.06.2011 at Khushab

1.	Mr. Sher Muhammad	Amani Worker	M/s M. Amin Brothers, Khushab.
2.	Mr. Muhammad Bashir	Munshi	M/s M. Fazal Haq & Co; Khushab.
3.	Mr. Muhammad Aslam	Salt Cutter	M/s PMDC Salt Mines, Warcha.
4.	Mr. Muhammad Wazir	Salt Cutter	M/s Ghani Salt Mines, Quaidabad.
5.	Mr. Muhammad Riaz	Chowkidar	M/s PUNJMIN, Khushab.
6.	Mr. Muhammad Ramzan	Chowkidar	M/s Aziz Collieries, Khushab.

7.	Mr. Aseed Nawaz	Coal Cutter	M/s Katha Colliery, Khushab.
8.	Mr. Khushi Muhammad	Generator Operator	Mr. Katha Digwell, Khushab.
Course No. 389 held from 14.06.2011 to 29.06.2011 at Choa Saiden Shah			
1.	Mr. Muhammad Bilal	Sub Engineer	M/s. Ali Coal Co; C.S.Shah.
2.	Mr. Agha Azeem	Surveyor	M/s. Ch Zamurd Coal Co; Basharat.
3.	Mr. Muhammad Ejaz	Salt Labourer	M/s. Haroon Salt Mines, Lilla.
4.	Mr. Rajmeer Khan	Mechanic	Training Mine, Katas.
5.	Mr. Aqeel Razaq	Haulage Operator	M/s. Modern Engineering Corp; Dandot.
Course No. 390 held from 14.06.2011 to 28.06.2011 at Makerwal			
1.	Mr. Abdul Khan	Mining Sardar	M/s Makerwal Collieries, Makerwal.
2.	Mr. Aqal Din	Mining Sardar	-do-
3.	Mr. Mozam Din	Time Keeper	-do-
4.	Mr. Imran Ullah Khan	Time Keeper	-do-
5.	Mr. Shahwal Khan	S. L. Issuer	-do-
6.	Mr. Hafeez Ullah Khan	Worker	-do-
7.	Mr. Sher Zaman	Worker	-do-
8.	Mr. Ghulam Jan	Worker	-do-
9.	Mr. Muhammad Ismail	Worker	-do-
10.	Mr. Amir Dost Khan	Worker	-do-
11.	Mr. Fazal Ahmed Shah	Project Manager	M/s PMDC Salt Mines, Kalabagh.
12.	Mr. Muhammad Mushtaq	Mining Surveyor	-do-
Course No. 391 held from 01.07.2011 to 15.07.2011 at Khushab			
1.	Mr. Ali Muhammad	Amani Worker	M/s M. Amin Brothers, Khushab.
2.	Mr. Muhammad Bashir	Munshi	M/s M. Fazal Haq & Co; Khushab.
3.	Mr. Shaham Umer	Munshi	M/s. Al-Hamd Coal Co; Khushab.
4.	Mr. Mudasar Nawaz	Munshi	-do-

5.	Mr. Khan Beg	Salt Cutter	M/s. PMDC Salt Mine, Warcha.
6.	Mr. Akmal Saeed	Salt Cutter	M/s. PUNJMIN Salt Mine, Khushab.
7.	Mr. Muhammad Shahmeer	Quality Checker	M/s. Al-Mohandas Corp; Khushab.
8.	Mr. Qurban Hussain	Coal Cutter	M/s. Ch. Coal Co; Khushab.
9.	Mr. Muhammad Zahid Nazar	Clerk	M/s. Katha Digwell, Khushab.
10.	Mr. Zia Ullah	Driver	M/s. Rehman Coal Co; Khushab.
11.	Mr. Muhammad Sher Anjum	Munshi	M/s. Malik Coal Co; Khushab.
12.	Mr. Muhammad Azhar Malik	Munshi	M/s. Al-Hamd Coal Co; Khushab.
13.	Mr. Abdul Mueed	Munshi	M/s. Al-Hamd Coal Co; Khushab.
Course No. 392 held from 05.09.2011 to 19.09.2011 at Khushab			
1.	Mr. Waqas Muneer	Munshi	M/s. Karam Bukhsh Coal Co; Khushab.
2.	Mr. Muhammad Bashir	Munshi	M/s M. Fazal Haq & Co; Khushab.
3.	Mr. Muhammad Asghar	Quality Checker	M/s. Al-Mohandas Corp; Quaidabad.
4.	Mr. Abdul Qudoos	Coal Cutter	M/s. Aziz Collieries, Khushab.
5.	Mr. Khalid Mehmood	Munshi	M/s. Malik Allah Bukhsh & Sons, Khushab.
6.	Mr. Malik Saras Khan	Clerk	-do-
7.	Mr. Ameer Mehmood	Munshi	M/s. Sangha Salt Mine, Khushab.
8.	Mr. Ahmed Khan	Barood Carrier	M/s. PMDC Salt Mine, Warcha.
9.	Mr. Hakeem Muhammad Zafar Iqbal	Mate	M/s. PUNJMIN, Khushab.
10.	Mr. Muhammad Asghar	Worker	M/s. Katha Digwell, Khushab.
Course No. 393 held from 13.09.2011 to 27.09.2011 at Chao Saiden Shah			
1.	Mr. Naveed Mukhtar	Gangman	M/s. PMDC Salt Mine, Khewra.

2.	Mr. Ghulam Abbas	Mine Sardar	M/s. Kharasan Coal Co; Khushab.
3.	Mr. Muhammad Bilal	Drill Operator	M/S. Bestway Cement Factory, C. S Shah.
4.	Syed Najaf Ali Shah	Mining Engineer	M/s. PUNJMIN, Ratucho.
5.	Syed Shahid Hussain	Sub Engineer	M/s. Wah Stone & Lime Quarry, Dandot.
Course No. 394 held from 20.09.2010 to 04.10.2010 at Makerwal			
1.	Mr. Shahdi Khan	S. L. Issuer	M/s Makerwal Collieries, Makerwal.
2.	Mr. Saifullah Khan	Worker	-do-
3.	Mr. Hamidullah Khan	S. L. Issuer	-do-
4.	Mr. Ghulam Muhammad	Electrician	-do-
5.	Mr. Inayatullah	Worker	-do-
6.	Mr. Javaid Hussain	Electrician	-do-
7.	Mr. Sher Zaman	Worker	-do-
8.	Mr. Abdul Raoof	Worker	-do-
9.	Mr. Tahir Saeed	S. L. Issuer	-do-
10.	Mr. Muhammad Iqbal	Worker	-do-
11.	Mr. Ashiq Hussain	Clerk	-do-
12.	Mr. Imran Khan	Worker	-do-
Course No. 395 held from 03.10.2011 to 17.10.2011 at Khushab			
1.	Mr. Azad-ur-Rehman	Manager	M/s Aziz Collieries, Khushab.
2.	Mr. Ahmed Khan	Coal Cutter	M/s PMDC Salt Mines, Warcha.
3.	Mr. Rehmat Ullah	Quality Checker	M/s Ghani Salt Mines, Khushab.
4.	Mr. Zafar Iqbal	Munshi	M/s M. Fazal Haq & Co; Khushab.
5.	Mr. Muhammad Riaz	Chowkidar	M/s PUNJMIN, Salt Mine, Katha, Khushab.
6.	Mr. Muhammad Tahir Khan	Coal Cutter	M/s Katha Collieries, Khushab.
7.	Mr. Dost Muhammad Shah	Mine Sardar	M/S Katha Digwell, Khushab.

8.	Mr. Muhammad Munir	Electrician	M/s. PUNJMIN, Khushab.
9.	M/s. Niaz Ahmed	Mine Sardar	M/s Rahman Coal Co; Khushab.
10.	Mr. Qurban Hussain	Coal Cutter	M/s Ch. Coal Co; Khushab.
Course No. 396 held from 14.11.2011 to 28.11.2011 at Khushab			
1.	Mr. Zafar Iqbal	Munshi	M/s M. Fazal Haq & Co; Khushab.
2.	Mr. Gulzar Ahmed	Line Fitter	M/s PUNJMIN, Quaidabad.
3.	Mr. Muhammad Nazir	Worker	M/s Rehman Coal Co; Khushab.
4.	Mr. Muhammad Riaz	Chowkidar	M/s Punjab Salt Mines, Katha, Khushab.
5.	Mr. Nazir Hussain	Mine Sardar	M/s Al-Mohandas Corp; Quaidabad.
6.	Mr. Muhammad Zahid Nazir	Munshi	Mr. Katha Digwell, Khushab.
7.	Mr. Shah Muhammad	Salt Cutter	M/s PMDC Salt Mines, Warcha.
8.	Mr. Muhammad Hussain	Supervisor	M/s Al-Hamd Coal Co; Khushab.
9.	Mr. Sabir Hussain	Naib Qasid	M/s Aziz Collieries, Khushab.
10.	Mr. Amar Mehmood	Worker	M/s Sangha Salt Mine, Khushab.
Course No. 397 held from 12.12.2011 to 26.12.2011 at Khushab			
1.	Mr. Sabir Hussain	Driver	M/s. Pioneer Cement Factory, Chanki.
2.	Mr. Muhammad Bashir	Munshi	M/s. M. Fazal Haq & Co; Khushab.
3.	Mr. Muhammad Yousaf	Purchaser	M/s. Ch. Coal Co; Khushab.
4.	Mr. Mazhar Iqbal	Supervisor	M/s. PUNJMIN, Salt Mine, Katha, Khushab.
5.	Mr. Mazhar Iqbal	Amani Worker	M/s M. Amin Brothers, Khushab.
6.	Mr. Muhammad Muneer	Electrician	M/s. PUNJMIN, Khushab.
7.	Mr. Muhammad Wazir	Worker	M/s. Ghani Salt Mines, Khushab.
8.	Mr. Khan Sharif Gul	Worker	M/s. Rehman Coal Co; Khushab.
9.	Mr. Ameer Badshah	Mine Sardar	Mr. Katha Digwell, Khushab.
10.	Mr. Amir Mehmood	Mine Sardar	M/s. Sangha Salt Mines, Khushab.

11.	Mr. Muhammad Zahoor	Coal Cutter	M/s. Katha Collieries, Khushab.
Course No. 398 held from 13.12.2011 to 27.12.2011 at Choa Saiden Shah			
1.	Mr. Imran Rafique	Munshi	M/s Bilal Coal Co; C. S. Shah.
2.	Mr. Waqar Munir	Munshi	M/s Iqbal Minerals, C. S. Shah.
3.	Mr. Muhammad Shabir	Manager	M/s PUNJMIN, Ratucha.
4.	Mr. Azhar Iqbal	Manager	M/s Best Way Cement Factory, Tatral.
5.	Mr. Muhammad Mumtaz	Coal Cutter	M/s PUNJMIN, Ratucha.
6.	Mr. Muhammad Nadeem Sohail	Mine Sardar	M/s Khadam Coal Co; Khewra.
7.	Mr. Asad Hamayon	Mine Sardar	M/s Pasban Coal Co; C. S. Shah.
8.	Mr. Sajjad Ali	Mine Sardar	M/s Pasban Coal Co; C. S. Shah.
9.	Mr. Mureed Hussain	Electrician	M/s Zeeshan Coal Co; Munara.
Course No. 399 held from 12.12.2011 to 26.12.2011 at Makerwal			
1.	Mr. Noor Hussain	Loco Driver	M/s Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Akram	S. L. Issuer	-do-
3.	Mr. Ghulam Muhammad	Electrician	-do-
4.	Mr. Shahwali Khan	S. L. Issuer	-do-
5.	Mr. Imtiaz Khan	Explosive Carrier	-do-
6.	Mr. Ismail Khan	Mine Sardar	-do-
7.	Mr. Muhammad Junaid	Time Keeper	-do-
8.	Mr. Rizwan	Worker	-do-
9.	Mr. Gul Nawaz Khan	Worker	-do-
10.	Mr. Muhammad Hafeez	Asstt. Surveyor	-do-
11.	Mr. Muhammad Hashim	Worker	M/s PMDC Salt Mine, Kalabagh.

Annexure-3**MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY SUB-STATION, MAKERWAL FOR THE YEAR, 2011`**

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	-	-	-	-	-	-	-	10	28
February	1	5	-	-	-	-	-	-	-	8	33
March	1	5	1	12	-	-	-	-	1	21	37
April	1	4	-	-	-	-	-	-	-	8	30
May	1	5	-	-	-	-	-	-	-	10	49
June	1	5	1	12	-	-	-	-	-	9	35
July	1	5	-	-	-	-	-	-	-	10	21
August	1	3	-	-	-	-	-	-	1	8	29
September	1	5	1	12	-	-	-	-	1	5	49
October	1	5	-	-	-	-	-	-	-	4	22
November	1	5	-	-	-	-	-	-	-	9	35
December	-	-	1	11	-	-	-	-	1	10	31
Total:-	11	52	4	47	-	-	-	-	4	112	399

Annexure-4

**LIST OF PARTICIPANTS OF RESCUE REFRESHER TRAINING COURSES
CONDUCTED AT MINES RESCUE & SAFETY SUB-STATION, MAKERWAL,
FOR THE YEAR, 2011**

Sr. No.	Name	Designation	Name of Firms
Course No. 181 held from 25.01.2011 to 27.01.2011			
1.	Mr. Ghulam Jan	Worker	M/s Makerwal Collieries, Makerwal.
2.	Mr. Farooq Abdullah	Explosive Carrier	-do-
3.	Mr. Isam Din	Explosive Carrier	-do-
4.	Mr. Gul Tiaz	Explosive Carrier	-do-
5.	Mr. Shah Wali	Worker	-do-
Course No. 182 held from 21.02.2011 to 23.02.2011			
1.	Mr. Farooq Abdullah	Worker	M/s Makerwal Collieries, Makerwal.
2.	Mr. Abdullah	Mine Sardar	-do-
3.	Mr. Lal Marjan	Worker	-do-
4.	Mr. Ghulam Jan	Worker	-do-
5.	Mr. Sami Ullah	Worker	-do-
Course No. 183 held from 07.03.2011 to 09.03.2011			
1.	Mr. Muhammad Hafiz	Asstt. Surveyor	M/s Makerwal Collieries, Makerwal.
2.	Mr. Ghulam Mustafa	Asstt. Surveyor	-do-
3.	Mr. M. Maqbool Ahmed	Mine Sardar	-do-
4.	Mr. Ghulam Muhammad	Explosive Carrier	-do-
5.	Mr. Saleem Khan	Worker	-do-
Course No. 184 held from 26.04.2011 to 28.04.2011			
1.	Mr. Amanullah	Pump Driver	M/s Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Siddique	Elictrician	-do-
3.	Mr. Ghulam Muhammad	Elictrician	-do-
4.	Mr. Muhammad Hafiz	Asstt. Surveyor	-do-
Course No. 185 held from 26.05.2011 to 28.05.2011			
1.	Mr. Khalid Amin	Mine Sardar	M/s Makerwal Collieries, Makerwal.
2.	Mr. Janan Khan	Worker	-do-
3.	Mr. Khan Zaman	Worker	-do-
4.	Mr. Ghulam Jan	Worker	-do-
5.	Mr. Rabb Nawaz	Worker	-do-

Course No. 186 held from 07.06.2011 to 09.06.2011			
1.	Mr. Samiullah	Worker	M/s Makerwal Collieries, Makerwal.
2.	Mr. Abdul Farooq	Worker	-do-
3.	Mr. Ashiq Muhammad	Worker	-do-
4.	Mr. Muhammad Arif	Worker	-do-
5.	Mr. Imtiaz Khan	Worker	-do-
Course No. 187 held from 25.07.2011 to 27.07.2011			
1.	Mr. Isam Din	Explosive Carrier	M/s Makerwal Collieries, Makerwal.
2.	Mr. Farooq Abdullah	Explosive Carrier	-do-
3.	Mr. Gul Tiaz	Worker	-do-
4.	Mr. Shah Wali	Worker	-do-
5.	Mr. Ashiq Hussain	Worker	-do-
Course No. 188 held from 22.08.2011 to 24.08.2011			
1.	Mr. Imtiaz Khan	Explosive Carrier	M/s Makerwal Collieries, Makerwal.
2.	Mr. Shafullah	Worker	-do-
3.	Mr. Muhammad Hafiz	Surveyor	-do-
Course No. 189 held from 27.09.2011 to 29.09.2011			
1.	Mr. Amanullah	Explosive Carrier	M/s Makerwal Collieries, Makerwal.
2.	Mr. Muhammad Siddique	Worker	-do-
3.	Mr. Ghulam Mustafa	Asstt. Surveyor	-do-
4.	Mr. Ashiq Hussain	Worker	-do-
5.	Mr. Farooq Abdullah	Worker	-do-
Course No. 190 held from 24.10.2011 to 26.10.2011			
1.	Mr. Sanaullah	S. L. Issuer	M/s Makerwal Collieries, Makerwal.
2.	Mr. Dost Muhammad	Worker	-do-
3.	Mr. Niaz Muhammad	Worker	-do-
4.	Mr. Alam Din	Worker	-do-
5.	Mr. Kashif Iqbal	Worker	-do-
Course No. 191 held from 28.11.2011 to 30.11.2011			
1.	Mr. Asiq Hussain	Explosive Carrier	M/s Makerwal Collieries, Makerwal.
2.	Mr. Gul Tiaz	Explosive Carrier	-do-
3.	Mr. Muhammad Yousaf	S. L. Issuer	-do-
4.	Mr. Ghulam Jan	Worker	-do-
5.	Mr. Shafi Ullah	Helper Surveyor	-do-

Annexure-5**MONTH-WISE PROGRESS/BRIEF OF MINES RESCUE & SAFETY SUB-STATION, CHOA SAIDEN SHAH FOR THE YEAR, 2011**

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	4	-	-	-	-	-	-	-	13	57
February	1	4	-	-	-	-	-	-	-	16	43
March	1	4	1	12	-	-	-	-	1	16	85
April	1	5	-	-	-	-	-	-	-	9	50
May	1	5	-	-	-	-	-	-	-	51	10
June	1	5	1	5	-	-	-	-	-	79	14
July	1	5	-	-	-	-	-	-	-	12	47
August	-	-	-	-	1	2	2	-	-	10	19
September	1	5	1	5	-	-	-	-	1	7	86
October	1	3	-	-	-	-	-	-	-	10	42
November	1	4	-	-	-	-	-	-	-	13	46
December	1	3	1	9	-	-	-	-	1	92	12
Total:-	11	47	4	31	1	2	2	0	3	328	511

Annexure-6

**LIST OF PARTICIPANTS OF RESCUE REFRESHER TRAINING COURSES
CONDUCTED AT MINES RESCUE & SAFETY SUB-STATION,
CHOA SAIDEN SHAH, FOR THE YEAR, 2011**

Sr. No.	Name	Designation	Name of Firms
Course No. 188 held from 26.01.2011 to 27.01.2011			
1.	Mr. Abdul Khaliq	Lamp Issuer	M/s PMDC Salt Mine, Khewra.
2.	Mr. Sultan Amir	Supervisor	M/s Haroon Salt Mine, Jhelum.
3.	Mr. Muhammad Akbar	Supervisor	M/s Haroon Salt Mine, Jhelum.
4.	Mr. Yasir Arfat	Mine Sardar	M/s Fazal Din Coal Co; Minhala, C. S. Shah.
Course No. 189 held from 23.02.2011 to 24.02.2011			
1.	Mr. Muhammad Shakeel	Technician	M/s Bestway Cement Factory, Tatral, C. S. Shah.
2.	Mr. Muhammad Arif Khan	Manager	M/s Malik Murtaza Coal Co; Wahula.
3.	Mr. Sohail Mehmood	Supervisor	M/s Malik Murtaza Coal Co; Wahula.
4.	Mr. Shafqat Hussain	Mine Sardar	M/s PMDC Salt Mine. Khewra.
Course No. 190 held from 30.03.2011 to 31.03.2011			
1.	Mr. Anwar Aziz	Mine Sardar	M/s Chittidand Collieries; Chakwal.
2.	Mr. Atif Rasheer	Munshi	M/s Fazal Din & Co; C. S. Shah.
3.	Mr. Arshad Mehmood	Coal Cutter	M/s Ai-Noor Coal Co; C. S. Shah.
4.	Mr. Farhat RAza	Mali	Mine Rescue & Safety Sub- Station, C. S. Shah.
Course No. 191 held from 27.04.2011 to 28.04.2011			
1.	Mr. Israr Ahmed	Munshi	M/s Wah Stone & Lime Quarry, Dandot.
2.	Mr. Muhammad Afsar	Coal Cutter	M/s Khan Coal Co; Dandot.
3.	Mr. Tasawar Hussain	Manager	M/s Pasban Coal Co; C. S. Shah.
4.	Mr. Muhammad Ibrar	Supervisor	M/s Haroon Coal Mines, C. S. Shah.

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

5.	Mr. Muhammad Waqas	Supervisor	M/s Saqib Coal Co; C. S. Shah.
Course No. 192 held from 30.05.2011 to 31.05.2011			
1.	Mr. Muhammad Yaqoob	Manager	M/s Pasban Coal Co; C. S. Shah.
2.	Mr. Muhammad Bilal	Jr. Technician	M/s Bestway Cement Factory, Tatral.
3.	Mr. Mumtaz Ahmed	Munshi	M/s Super Punjab Coal Co; Dandot.
4.	Mr. Shahbaz Ali	Sub Engineer	Training Mine, Katas.
5.	Mr. Muhammad Abbas	Student	Punjab School of Mines, Katas.
Course No. 193 held from 29.06.2011 to 30.06.2011			
1.	Mr. Irar Ahmed	Munshi	M/s Wah Stone & Lime Quarry, Dandot.
2.	Mr. Sohail Mehmood	Supervisor	M/s Murtaza Coal Co; Wahula.
3.	Mr. Yasir Arfat	Mine Sardar	M/s Fazal Din & Co; Minhala, C. S. Shah.
4.	Mr. Shahbaz Ali	Sub Engineer	Training Mine, Katas.
5.	Mr. Muhammad Ibrar	Supervisor	M/s Haroon Salt Mine, Khajurla.
Course No. 194 held from 27.07.2011 to 28.07.2011			
1.	Mr. Hayat Gull	Coal Cutter	M/s Kharasan Coal Co, C. S. Shah.
2.	Mr. Sultan Amir	Supervisor	M/s Haroon Salt Mine, Lilla.
3.	Mr. Naveed Ahmed	Mine Sardar	M/s Al-Noor Coal Co; C. S. Shah.
4.	Mr. Israr Ahmed	Mine Sardar	M/s Wah Stone & Lime Quarry, Dandot.
5.	Mr. Muhammad Saleem	Gangman	M/s PMDC Salt Mine, Khewra.
Course No. 195 held from 28.09.2011 to 29.09.2011			
1.	Mr. Imran Rafique	Munshi	M/s Bilal Mineral Coal Co; C. S. Shah.
2.	Mr. Altaf Hussain	Mine Sardar	M/s Iqbal Mineral Co; Dulmial.
3.	Mr. Umer Din	Mine Sardar	M/s Murtaza Coal Co; Wahula.
4.	Mr. Jamshaid Khan	Coal Cutter	M/s Al-Noor Coal Co; C. S. Shah.

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

5.	Mr. Yasir Arfat	Mine Sardar	M/s Fazal Din & Co; Minhala.
Course No. 196 held from 26.10.2011 to 27.10.2011			
1.	Mr. Waqar Muneer	Munshi	M/s Iqbal Mineral Coal Co; C. S. Shah.
2.	Mr. Naveed Mukhtar	Gangman	M/s PMDC Salt Mine, Khewra.
3.	Hafiz Muhammad Bilal	Supervisor	M/s S. M. Ali Coal Co; C. S. Shah.
Course No. 197 held from 29.11.2011 to 30.11.2011			
1.	Mr. Muhammad Anar	Manager	M/s Kharasan Coal Co; C. S. Shah.
2.	Mr. Ishfaq Jilani	Electrician	M/s Haroon Salt Mine, Jhelum
3.	Mr. Gulzar Hussain	Gangman	M/s PMDC Salt Mine, Khewra.
4.	Mr. Mushtaq Ahmed	Crewman	Mines Rescue & Safety Sub-Station, C. S. Shah.
Course No. 198 held from 28.12.2011 to 29.12.2011			
1.	Mr. Aqeel Raza	Haulage Driver	M/s Modern Engineering Corp; Dandot.
2.	Mr. Amir Rizwan	Munshi	M/s Fazal Din Co; C. S. Shah.
3.	Mr. Muhammad Waqas	Supervisor	M/s Saqib Coal Co; C. S. Shah.

YEAR-WISE ADMISSION AND RESULT ANALYSIS OF PUNJAB SCHOOL OF MINES, KATAS

Class	Session	Technology	Students Admitted	Passed Students	Pass Percentage	Name of Student stood 1 st	Students Admitted in UET, Lahore after Qualifying
M-1	1987-90	Mining	20	18	90%	Khalid Mehmood	-
M-2	1987-90	Mining	20	16	80%	Almas Malik	-
M-3	1988-91	Mining	20	7	35%	Waseem Noor	-
M-4	1989-92	Mining	20	7	35%	Najam Iqbal	-
M-5	1990-93	Mining	20	2	10%	Ghulam Bashir	-
M-6	1991-94	Mining	20	16	80%	Muhammad Farooq	-
M-7 (A+B)	1992-95	Mining	40	31	78%	M. Tasleem Malghani	-
M-8	1993-96	Mechanical	20	15	75%	Zubair Mohsin	-
M-9	1994-97	Electrical	20	6	30%	Muhammad Faheem	-
		Mining	20	11	55%	Hubdar Hussain	-
M-10	1995-98	Mechanical	20	8	40%	Muhammad Tariq	-
		Mining	20	14	70%	Tahir Ali	Tahir Ali
M-11	1996-99	Electrical	20	4	20%	Javed Iqbal	-
		Mining	20	13	65%	Ejaz Saeed Aslam	-
M-12	1997-00	Mechanical	20	12	60%	Shahid Rahim	-
		Mining	20	9	45%	Zubair Hussain	Zubair Hussain
M-13	1998-01	Electrical	20	11	55%	Anwar-ul-Haq	-
		Mining	20	12	60%	Muhammad Sajid	Muhammad Sajid
M-14	1999-02	Mechanical	20	10	50%	Farhan Tawar Ali Janjua	-
		Mining	20	5	25%	Waheed-ud-Din Kilyar	Waheed-ud-Din Kilyar
M-15	2000-03	Electrical	20	6	30%	Hafeez-ur-Rehman	-
		Mining	20	8	40%	Ahmed Kazmi	-
M-16	2001-04	Mechanical	20	12	60%	Syed Hambal-ur-Rehman	-
		Mining	20	8	40%	Aman Ullah	-
M-17	2002-05	Electrical	23	14	61%	Basit Ali	-
		Mining	24	16	67%	Tehseen Iqbal	Tehseen Iqbal
		Land & Mine Surveying	22	10	45%	Muhammad Amir	-

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

M-18	2003-06	Mechanical	16	12	75%	Anzar Ahmed	-
		Mining	26	14	54%	M. Ubaid Khan	Waqar Tariq, Allah Ditta Sindhu
		Land & Mine Surveying	28	10	36%	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%	Suleman Haider	-
M-20	2005-08	Mechanical	28	13	46%	Muhammad Touseef Khalid	Usman Umar Tubassum, Umar Pervaiz
		Mining	31	24	77%	Usman Umar Tubassum	-
		Land & Mine Surveying	31	23	74%	Rizwan Ali	-
M-21	2006-09	Electrical	31	20	65%	Muhammad Nadeem	-
		Mining	33	28	85%	Muhammad Abbas	-
		Land & Mine Surveying	33	18	55%	Hassan Ali Salfi	-
M-22	2007-10	Land & Mine Surveying	33	22	67%	Bilal Haider (Gold Madelist)	-
		Mining	30	13	43%	Muhammad Awais	-
		Mechanical	31	18	58%	Tahir Imran	-
M-23	2008-11	Electrical	32	9	60%	Arshad Ali	-
		Mining	26	15	71%	Muhammad Zubair	Muhammad Zubair
		Land & Mine Surveying	33	27	82%	Ali Raza (Gold Madelist)	-
Total:			1072	601	56%	-	11

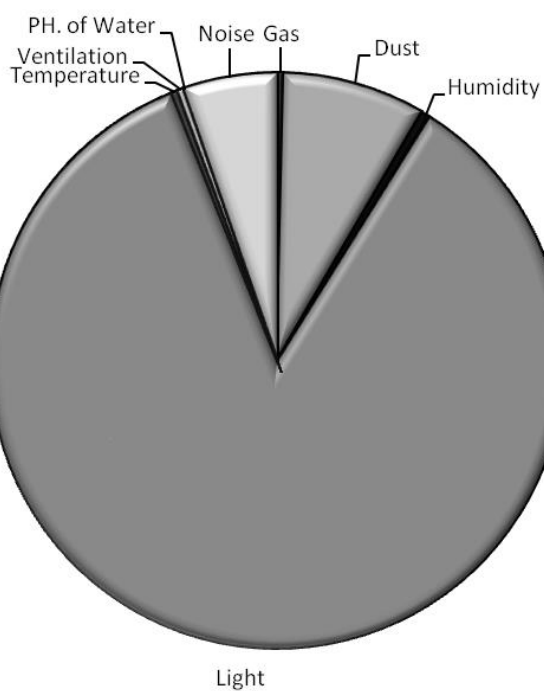
M-24	2009-12	Mechanical	35	The classes of these sessions are being held.
		Mining	33	
		Land & Mine Surveying	30	
M-25	2010-13	Electrical	29	
		Mining	30	
		Land & Mine Surveying	30	
M-26	2011-14	Mechanical	31	
		Mining	29	
		Land & Mine Surveying	30	
Total:			277	-

MONTH-WISE PROGRESS OF MINES SAMPLE TESTING LABORATORY, KHUSHAB FOR THE YEAR, 2011

Months	SAMPLES COLLECTED									Samples beyond permissible limits	Inspections conducted	Meetings Attended	Diary	Despatch
	Gas	Dust	Humidity	Light	Temperature	Ventilation	PH. of Water	Noise	Total					
January	48	7	48	48	48	16	9	5	229	52	16	1	22	48
February	42	13	42	42	42	14	10	8	213	44	14	1	35	95
March	42	14	42	42	42	14	10	9	215	49	14	1	11	86
April	45	12	45	45	45	15	13	8	228	56	15	1	35	39
May	45	9	45	45	45	15	8	6	218	41	15	1	20	124
June	0	13	42	42	42	14	13	12	178	50	14	1	15	45
July	0	12	36	36	36	12	5	11	148	29	12	0	11	135
August	0	7	45	45	45	15	11	6	174	47	15	1	38	130
September	0	12	39	39	39	13	9	11	162	40	13	1	27	76
October	0	10	42	42	42	14	14	8	172	47	14	0	21	234
November	0	13	39	39	39	13	8	8	159	42	13	1	30	85
December	0	9	48	48	48	16	8	7	184	53	16	1	23	79
Total:-	222	131	513	513	513	171	118	99	2280	550	171	10	288	1176

Annexure-9**MONTH-WISE SUB-STANDARD SAMPLES COLLECTED DURING THE YEAR, 2011**

Months	SAMPLES COLLECTED (SAMPLES BEYOND PERMISSIBLE LIMITS)								
	Gas	Dust	Humidity	Light	Temperature	Ventilation	PH. of Water	Noise	Total
January	1	4	1	42	1	1	-	2	52
February	-	3	1	36	1	-	-	3	44
March	-	4	-	42	-	-	-	3	49
April	1	6	1	45	-	1	-	2	56
May	-	3	-	36	-	-	-	2	41
June	-	4	-	42	-	-	-	4	50
July	-	5	-	21	-	-	-	3	29
August	-	1	-	45	-	-	-	1	47
September	-	6	-	30	-	-	-	4	40
October	-	3	-	42	-	-	-	2	47
November	-	3	-	39	-	-	-	-	42
December	-	2	-	48	-	-	-	3	53
Total:	2	44	3	468	2	2	0	29	550

Category Wise Sub-Standard Samples

Annexure-10**TARGETS EVALUATION FOR THE MONTH OF JANUARY, 2011**

Progress				
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS OF NOVEMBER, 2010.				
1.	Submission of Annual report of Chief Inspector of Mines for year, 2009.	SO/ASO	0	
2.	Circulation of Seniority list of teaching staff.	AD(Admn)/Supt-II	100	
PART-II TASKS TO BE COMPLETED IN JANUARY, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
2.	a. Submission of inquiry reports of fatal accidents occurred up to November, 2010.	IM/JIM	72	93
	b. Submission of inquiry reports of serious accidents occurred up to November, 2010.		100	
	c. Follow up for submission of inquiry reports of fatal accidents occurred up to November, 2010.	IMH/JMH	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred up to November, 2010.		100	
3.	Follow up for submission of inspection reports from inspecting officers, for the month of December, 2010.	H.D-II (M-I) Supt-I (M-II)		96
4.	Follow up for submission of inspection reports from Mine Labour Welfare Officers for the month of December, 2010.	AD(W)/ Supt-I		100
5.	Review of compensation cases for the month of November, 2010.	DMLW/ AD(W)/ Supt-I		100
6.	Follow up of the decision of Miners Welfare Board.	DMLW/ AD(W)/ Supt-I		100
7.	Compilation of Data/Progress of field offices for the year, 2010.	DMLW/DD/SO/ ASO		100
8.	Circulation/Dispatch of February Return Forms to Coal Mines Owners.	DMLW/DD/SO/ ASO		100
9.	Issuance of "Press Note" in Newspapers for submission of February Returns.	DMLW/DD/SO/ ASO		100
10.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I		90
11.	Average attendance of trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I		90
12.	Shot Firer Training Course at Margallah.	IMH/TO/HD-I		0
13.	Scrutiny of monthly expenditure for December, 2010.	DMLW/ DD/BO	100	100
		DMLW/ AD(B&A)	100	
14.	Reconciliation of expenditure with A.G. for the month of December, 2010.	DMLW/ DD/BO	100	100
		DMLW/ AD(B&A)	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

15.	Scrutiny of Monthly receipts for December, 2010.	DMLW/Supdt-I (MLWO)	100	
16.	Submission of monthly report regarding outstanding Audit Observations.	DMLW/DD/BO/AD(B&A)	100	
17.	Reconciliation of receipts figures for the month of November, 2010 with A.G.	DMLW/AD(Admn)	80	
18.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.	DMLW/AD(Admn)	100	
19.	i Number of Permits issued for Coal Mines.	JIM/HD(M-I)	52	26
	ii. Number of Permits issued for Other than Coal Mines.	IMH/Supdt-I(M-II)	0	
20.	Follow up for permit cases in Rawalpindi Region (CKL-II) Sector (Dalwal, Dulmial, Badshahpur, Malkanan and Chitti Dand) for the month of March, 2011.	JIM/HD-II(M-I)	100	100
		IMH/Supdt-I(M-II)	100	
21.	Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
22.	Follow up action regarding quarterly meetings of Group-I, II III & IV Officers.	DMDC/DD/Translator	100	
23.	Report on complaints received and action taken.	DMLW/Translator	100	
24.	Revision of Book "Mine Rescue and Safety" (Chapter-05).	DMDC/AD	100	
25.	Preparation of estimate of new welfare schemes	DMLW/CE	100	
26.	Inspection of Labour Barracks, Duplexes and Water Supply schemes, at Sargodha and Rawalpindi Region.	DMLW/CE	100	
27.	Follow up of ACRs.	AD(Admn)/AO(CIM/MDC)	100	
28.	Preparation of monthly attendance report of staff.	AD(Admn)/AO(CIM/MDC)	100	
29.	Submission of quarterly report of G. P. Fund / Pension cases of officers.	AD(Admn)/AO(CIM/MDC)	100	
30.	Follow up of submission of Annual Administrative & Technical Inspection reports to field offices.	AD(Admn)/AO(CIM/MDC)	100	
31.	Submission of quarterly reports for disciplinary cases.	AD(Admn)/AO(CIM)	100	
32.	Follow up of ADP schemes.	DCIM/ DMLW/IMH	100	
33.	Review of Umarah Fund.	DD/PA to CIM/MLWC	100	
Total (Part I & II): (4175/3500) x 100 =			91%	

Annexure-11**TARGETS EVALUATION FOR THE MONTH OF FEBRUARY, 2011**

Progress				
Sr. No.	Task	Action by		%age
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS OF NOVEMBER, 2010 & JANUARY, 2011.				
1.	Submission of Annual Report of Chief Inspector of Mines for year, 2009.	SO/ASO		30
2.	Shot Firer Training Course at Margallah.	IMH/TO/HD-I		0
3.	Centralized Marking of 2 nd Annual Examination, 2010 at Punjab School of Mines, Katas.	DMDC/AD		100
4.	Marking/Evaluation of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD		100
PART-II TASKS TO BE COMPLETED IN FEBRUARY, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO		100
2.	a. Submission of inquiry reports of fatal accidents occurred up to December, 2010.	IM/JIM	98	97
	b. Submission of inquiry reports of serious accidents occurred up to December, 2010.		90	
	c. Follow up for submission of inquiry reports of fatal accidents occurred up to December, 2010.	IMH/JMH	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred up to December, 2010.		100	
3.	Follow up for submission of inspection reports from inspecting officers, for the month of January, 2011. (Pendency observed from IMR, 7 inspection of Coal Mines)	H.D-II (M-I) Supdt -I (M-II)		92
4.	Follow up for submission of inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of January, 2011.	AD (welfare)/ Suptt-I (MLWO)		100
5.	Review of compensation cases for the month of December, 2010.	DMLW/ AD(W)/ Suptt-I (MLWO)		0
6.	Meeting of the Works Sub Committee/Finance Sub Committee.	DMLW/ AD (welfare)/ Supdt-I (MLWO)		60
7.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I		90
8.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I		100
9.	Permit Manager Training Course at Mines Rescue & Safety Station, Khushab.	IMH/TO/HD-I		100
10.	Scrutiny of monthly expenditure for January, 2011.	DMLW/DD/ BO	100	100
		DMLW/ AD(B&A)	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

11.	Reconciliation of expenditure with A. G. for the month of January, 2011.	DMLW/DD/BO		100	100
		DMLW/AD(B&A)		100	
12.	Scrutiny of monthly receipts for January, 2011.	DMLW/Supdt-I (MLWO)			100
13.	Submission of monthly report regarding outstanding Audit Observations.	DMLW/DD/BO/AD(B&A)			100
14.	Reconciliation of receipts figures for the month of December, 2010 with A. G.	DMLW/AD(Admn)			100
15.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.	DMLW/AD(Admn)			100
16.	i Number of permits issued for Coal Mines.	Jan; 11	Total	JIM/HD (M-I)	100
		30	30		
	ii. Number of permits issued for Other than Coal Mines.	78	78	IMH/Supdt-I (M-II)	
17.	Follow up for permit cases in Sargodha region (Khushab) Sector (Golewali, Warcha Sakaisar, Nooraywal, Kathwai, Ochhali, Dalmiri & Noshera) for the month of May, 2011.	COAL	JIM/HD-II(M-I)	100	
		OTC	IMH/Supdt-I (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 & IV Officers.	DMDC/DD/Translator			100
20.	Report on complaints received and action taken.	DMLW/ Translator			100
21.	Revision of Book "Mine Rescue and Safety" (Chapter-06).	DMDC/AD			100
22.	Old-posting of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD			50
23.	Tabulation of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD			50
24.	Scrutinizing of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD			50
25.	Preparation of estimates of new welfare schemes.	DMLW/CE			100
26.	Inspection of Labour Barracks, Duplexes and Water Supply schemes, at Sargodha and Rawalpindi Regions.	DMLW/CE			100
27.	Follow up of ACRs.	AD(Admn)/Supdt(Admn)			100
28.	Follow up of Service Books.	AD(Admn)/Supdt(Admn)			100
29.	Preparation of monthly attendance report of staff.	AD(Admn)/AO(CIM/MDC)			100
30.	Review of vacancy position of initial recruitment posts of officers BS-16 & above.	BO/AO(CIM)			100
31.	Review of any pending cases and follow up Admn-I.	BO/AO(CIM)			100
32.	Follow up of ADP schemes.	DCIM/DMLW/IMH			100
33.	Review of Umarah Fund.	DD/PA to CIM/MLWC			100
Total (Part I & II): (3219/3700) x 100 =					87%

Annexure-12**TARGETS FOR THE MONTH OF MARCH, 2011**

			Progress
Sr. No.	Task	Action by	%age
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN NOVEMBER 2010 & FEBRUARY, 2011.			
1.	Submission of Annual report of Chief Inspector of Mines for year, 2009.	SO/ASO	75
2.	Meeting of the Works Sub Committee/Finance Sub Committee.	DMLW/ AD(W)/ Supdt-I	50
PART-II TASKS TO BE COMPLETED IN MARCH, 2011.			
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100
2.	a. Submission of inquiry reports of fatal accidents occurred up to January, 2011.	IM/JIM	67
	b. Submission of inquiry reports of serious accidents occurred up to January, 2011.		50
	c. Follow up for submission of inquiry reports of fatal accidents occurred up to January, 2011.	IMH/JMH	100
	d. Follow up for submission of inquiry reports of serious accidents occurred up to January, 2011		100
3.	Follow up for submission of inspection reports from inspecting officers, for the month of February, 2011. (Pendency Observed from IMR, 13)	H.D-II (M-I) Supdt -I (M-II)	86
4.	Follow up for submission of inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of February, 2011. (Pendency Observed from AC Khushab)	AD(W)/ Supdt-I	90
5.	Review of compensation cases for the month of January, 2010.	DMLW/ AD(W)/ Supdt-I	100
6.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/ HD-I	80
7.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100
8.	Scrutiny of monthly expenditure for February, 2011.	DMLW/DD/BO	100
		DMLW/ AD(B&A)	100
9.	Reconciliation of expenditure with A.G. for the month of February, 2011.	DMLW/DD/BO	100
		DMLW/ AD(B&A)	100
10.	Scrutiny of Monthly receipts for February, 2011.	DMLW/ Supdt (MLWO)	100

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

11.	Submission of monthly report regarding outstanding Audit Observations.		DMLW/DD/BO/AD(B&A)		100
12.	Reconciliation of receipts figures for the month of January, 2011 with A.G.		DMLW/Supdt (MLWO)		80
13.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.		DMLW/Supdt(MLWO)		100
14.	i. Number of permits issued for Coal Mines.	Jan; 11	Total	JIM/HD(M-I)	80
		20			
	ii. Number of permits issued for Other than Coal Mines.	20	98	IMH/Supdt-I (M-II)	
15.	Follow up for permit cases in Sargodha region (Khushab) Sector (Katha, Naili, Arara, Jabbi, Pidh, Padhrar, Sultan Mehdi) for the month of May, 2011.		COAL: H.D-II		100
			OTC: Supdt-I		100
16.	Scrutiny of maps of 15 companies per month.		CO/S&DO		100
17.	Follow up action regarding quarterly meetings of Group-I, II III & IV Officers.		DMDC/DD/Translator		100
18.	Report on complaints received and action taken.		DMDC/ TO		50
19.	Declaration of result of 2 nd Annual Examination, 2010 of Punjab School of Mines, Katas		DMDC/AD		100
20.	Declaration of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.		DMDC/AD		50
21.	Announcement of Schedule of 1 st Annual Examination, 2011 of Punjab School of Mines, Katas.		DMDC/AD		100
22.	Preparation of estimates for new welfare schemes.		DMLW/CE		100
23.	Inspection of Labour Barracks, Duplexes and water supply schemes, at Sargodha and Rawalpindi Regions.		DMLW/CE		100
24.	Follow up of Service Books.		AD(Admn)/Supdt(Admn)		100
25.	Preparation of monthly attendance report of staff.		AD(Admn)/AO(CIM/MDC)		100
26.	Follow up of Annual Administrative & Technical Inspection report to field offices.		AD(Admn)/AO(CIM/MDC)		100
27.	Follow up of ADP schemes.		DCIM/DMLW/IMH		100
28.	Review of Umarah Fund.		DD/PA to CIM/MLWC		100
Total (Part I & II) (2771/3000) x 100 =					92%

Annexure-13**TARGETS EVALUATION FOR THE MONTH OF APRIL, 2011**

			Progress	
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN FEBRUARY & MARCH, 2011.				
1.	Meeting of the Works Sub Committee/Finance Sub Committee.	DMLW/ AD (welfare)/ Supdt-I	100	
2.	Old-posting of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	100	
3.	Tabulation and Scrutinizing of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	75	
4.	Declaration of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali	DMDC/AD	0	
PART-II TASKS TO BE COMPLETED IN APRIL, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
2.	Submission of Annual Report of Chief Inspector of Mines for year, 2009.	DMLW/DD	100	
3.	Issuance of reminders to Mines Owners for submission of February Returns.	DD/SO	100	
4.	Preparation of Annual Report of Chief Inspector of Mines for year, 2010.	SO	100	
5.	a. Submission of inquiry reports of fatal accidents occurred up to February, 2011	IM/JIM	100	100
	b. Submission of inquiry reports of serious accidents occurred up to February,2011		100	
	c. Follow up for submission of inquiry reports of fatal accidents occurred up to, February,2011	IMH/ JMH	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred up to February,2011		100	
6.	Follow up for submission of inspection reports from inspecting officers, for the month of March, 2011. (Pendency Observed from IMR - 15)	H. D-II (M-I) Supdt-I (M-II)	84	
7.	Follow up for submission of inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of March 2011. (Pendency Observed from AMLWC, Khushab).	AD (welfare)/ Supdt-I	86	
8.	Review of compensation cases for the month of February, 2011.	DMLW/ AD(W)/ Supdt-I	100	
9.	Conduct of meeting of the Mines Labour Housing Board.	DMLW/ AD (welfare)/ Supdt-I	50	
10.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/ HD-I	60	
11.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
12.	Permit Manager Training Course at Training Mine, Katas.	IMH/TO/HD-I	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

13.	Scrutiny of monthly expenditure for March, 2011.			DMLW/DD/BO	100		
				DMLW/ AD (B&A)			
14.	Reconciliation of expenditure with A.G. for the month of March, 2011.			DMLW/DD/BO	100		
				DMLW/ AD (B&A)			
15.	Scrutiny of monthly receipts for March, 2011.			DMLW/ AD (Admn)	100		
16.	Submission of monthly/quarterly report regarding outstanding Audit Observations.			DMLW/DD/BO/ AD(B&A)	100		
17.	Submission of 2 nd Statement of Excesses & Surrenders to F.D. by 31 st March.			DMLW/DD/BO/ AD(B&A)	100		
18.	Reconciliation of receipt figures for the month of February, 2011 with A.G.			DMLW/ AD (Admn)	100		
19.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.			DMLW/ AD (Admn)	100		
20.	Initiation of auction case of District Rawalpindi, D.G Khan, Attock and Gujranwala Zone.			DMLW/ AD (Admn)	100		
21.	i	Number of permits issued for Coal Mines.	April.11	Total	JIM/HD (M-I)	100	65
			51	101			
	ii.	Number of permits issued for Other than Coal Mines.	15	113	IMH/ Supdt-I (M-II)	30	
22.	Follow up for permit cases in Rawalpindi region (Rawalpindi) Sector (Margala, Usmali, Khaattar, Farooqia, Hassan Abdal, Kahota, Swan Camp and Barokha) for the month of June, 2011.			JIM/HD-II (M-I)	100		
				IMH/ Supdt-I (M-II)	100		
23.	Scrutiny of maps of 15 companies per month.			CO/S&DO	100		
24.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.			DMDC/DD/ Translator	100		
25.	Announcement of Schedule of 1 st Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali.			DMDC/AD	100		
26.	Report on complaints received and action taken.			DMLW/ Translator	100		
27.	Submission of Admission Forms to PBTE for 1 st Annual Examination, 2011 of Punjab School of Mines, Katas.			DMDC/AD	100		
28.	Preparation of Question Papers of Mine Survey Institute Makerwal, Mianwali.			DMDC/AD	50		
29.	Review of Book “Mines Rescue and Safety”.			DMDC/AD	0		
30.	Preparation of estimates for new welfare schemes.			DMLW/CE	100		
31.	Inspection of Labour Barracks, Duplexes and Water Supply schemes, at Sargodha and Rawalpindi Region.			DMLW/CE	100		
32.	Submission of Quarterly Report for disciplinary cases.			AD Admn/ AO(CIM/MDC)	100		
33.	Preparation of monthly attendance report of staff.			AD Admn/ AO(CIM/MDC)	100		
34.	Submission of quarterly report of G.P. Fund/ Pension cases to A. D.			AD Admn/ AO(CIM/MDC)	100		
35.	Follow up of ADP schemes.			DCIM/ DMLW/IMH	100		
36.	Review of Umrah Fund.			DD/ PA to CIM/MLWC	100		
Total: (3570/4000) x 100 =						89%	

Annexure-14**TARGETS EVALUATION FOR THE MONTH OF MAY, 2011**

Progress				
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN MARCH & APRIL 2011.				
1.	Declaration of result of 2 nd Annual Examination, 2010 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	100	
2.	Preparation of question papers of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	100	
3.	Review of Book “Mines Rescue and Safety”.	DMDC/AD	50	
PART-II TASKS TO BE COMPLETED IN MAY, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
2.	Submission of Annual Report of Chief Inspector of Mines for year, 2010.	DMLW/DD/SO	90	
3.	a. Submission of inquiry reports of fatal accidents occurred up to March, 2011.	IM/JIM	92	90
	b. Submission of inquiry reports of serious accidents occurred up to March, 2011.		67	
	c. Follow up for Submission of inquiry reports of fatal accidents occurred up to, March, 2011.	IMH/ JMH	100	
	d. Follow up for Submission of inquiry reports of serious accidents occurred up to March, 2011.		100	
4.	Follow up for submission of inspection reports from inspecting officers, for the month of April, 2011.	H.D-II (M-I) Supdt-I (M-II)	70	
5.	a. Follow up of inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of April, 2011.	AD(W)/ Supdt-I	100	93
	b. Submission of inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of April, 2011. (Pendency Observed from AC Khushab=0)	AD(W)/ Supdt-I	86	
6.	Review of compensation cases for the month of March, 2011.	DMLW/ AD(W)/ Supdt-I	100	
7.	Conduct of the Mines Labour Housing Board meeting.	DMLW/ AD(W)/ Supdt-I	100	
8.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/ HD-I	80	
9.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	80	
10.	Mines Ventilation Training Course at Makerwal, District Mianwali.	IMH/TO/HD-I	100	
11.	Scrutiny of monthly expenditure for April, 2011.	DMLW/DD/BO	100	
		DMLW/ AD(B&A)		
12.	Reconciliation of expenditure with A.G. for the month of April, 2011.	DMLW/DD/BO	100	
		DMLW/ AD(B&A)		

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

13.	Scrutiny of Monthly receipts for April, 2011.	DMLW/ AD(Admn)/ Supdt-II	100	
14.	Submission of monthly report regarding outstanding Audit Observations.	DMLW/DD/BO/ AD(B&A)	100	
15.	Preparation of Budget Speech material.	DMLW/DD/BO	100	
16.	Reconciliation of receipts figures for the month of March, 2011 with A.G.	DMLW/ AD(Admn)/ Supdt-II	100	
17.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.	DMLW/ AD(Admn)/ Supdt-II	100	
18.	Initiation of auction case of District Mianwali and Chinyot.	DMLW/ AD(Admn)/ Supdt-II	100	
19.	i. Number of permits issued for Coal Mines.	JIM/HD (M-I)	100	50
	ii. Number of permits issued for Other than Coal Mines.	IMH/ Supdt-I (M-II)	0	
20.	Follow up for permit cases in Rawalpindi region (Attock) Sector (Larnaspur, Hazro, Mirza, Choi, Bagh, Nilab, Fateh Jang, Jabbi, Nawa & Pindi Gheb) for the month of July, 2011.	JIM/HD-II (M-I)	100	
		IMH/ Supdt-I (M-II)	100	
21.	Scrutiny of maps of 15 companies per month.	CO/S&DO	100	
22.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.	DMDC/DD/ Translator	100	
23.	Report on complaints received and action taken.	DMLW/ Translator	100	
24.	Scrutiny of Admission Forms of 1 st Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali at Mining Development Cell, Lahore. (Pendency observed from Principal)	DMDC/AD	0	
25.	Preparation of Date Sheet of 1 st Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali. (Pendency Observed from Principal MSIM).	DMDC/AD	0	
26.	Conduct of 1 st Annual Examination, 2011 of Punjab School of Mines, Katas.	DMDC/AD	100	
27.	Preparation of estimates for new welfare schemes.	DMLW/CE	100	
28.	Inspection of Labour Barracks, Duplexes and Water Supply schemes, at Sargodha and Rawalpindi Region.	DMLW/CE	100	
29.	Conduct of Departmental Promotion Committee meeting.	AO(CIM)/ Supdt-II/ AD(Admn)/ Supt-II	50	
30.	Review of Tour Roster of Inspecting Officer.	AO(CIM)	100	
31.	Review of Vacancy of initial recruitment posts BS-16 and above.	AO(CIM)	100	
32.	Preparation of monthly attendance report of staff.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	100	
33.	Follow up of ADP schemes.	DCIM/ DMLW/IMH	100	
34.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100	
Total: (3253/3700) x 100 =			88%	

Annexure-15**TARGETS EVALUATION FOR THE MONTH OF JUNE, 2011**

			Progress	
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN APRIL & MAY, 2011.				
1.	Review of Book “Mines Rescue and Safety”.	DMDC/AD	100	
2.	Scrutiny of Admission Forms of 1 st Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali at Mining Development Cell, Lahore.	DMDC/AD	100	
3.	Preparation of Date Sheet of 1 st Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	100	
4.	Conduct of Departmental Promotion Committee meeting.	AO(CIM)/Supdt-II	100	75
		AD(Admn)/Supt-II	50	
PART-II TASKS TO BE COMPLETED IN JUNE, 2011.				
1.	Submission of Annual Task Calendars for the year, 2011-12.	All Branch & Project Heads	80	
2.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
3.	Submission of Annual report of Chief Inspector of Mines for year, 2010.	DMLW/DD/SO	100	
4.	Online Legislation -- Rules & Regulation of Chief Inspectorate of Mines.	DMLW/DD/SO	100	
5.	a. Submission of inquiry reports of fatal accidents occurred up to April, 2011.	IM/JIM	89	97
	b. Submission of inquiry reports of serious accidents occurred up to April, 2011.		100	
	c. Follow up for Submission of inquiry reports of fatal accidents occurred up to, April, 2011.	IMH/JMH	100	
	d. Follow up for Submission of inquiry reports of serious accidents occurred up to April, 2011.		100	
6.	Follow up for submission of inspection reports from inspecting officers, for the month of May, 2011. (Pendency observed from IMR=11,SRO=7)	H.D-II (M-I) Supdt-I (M-II)	77	
7.	a. Follow up of Inspection reports from Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of May 2011.	DMLW/ AD(W)/ Suptt-I	100	67
	b. Submission of Inspection reports by Assistant Mines Labour Welfare Commissioners/ Mines Labour Welfare Officers for the month of May 2011.	AD(W)/ Supdt-I	100	
		AC(Khushab)	0	
8.	Review of compensation cases for the month of April, 2011.	DMLW/ AD(W)/ Suptt-I	100	
9.	Conduct of the Works/ Finance Sub Committee meeting.	DMLW/ AD(W)/ Suptt-I	100	
10.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
11.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

12.	First Aid training course at Pakistan Cement, Kallar Kahar, District Chakwal.	IMH/TO/HD-I		100		
13.	Scrutiny of monthly expenditure for May, 2011.	DMLW/DD/BO		100		
		DMLW/AD(B&A)				
14.	Reconciliation of expenditure with A.G. for the month of May, 2011.	DMLW/DD/BO		100		
		DMLW/AD(B&A)				
15.	Scrutiny of monthly receipts for May, 2011.	DMLW/AD(Admn)/ Supdt-II		100		
16.	Submission of monthly report regarding outstanding Audit Observations.	DMLW/DD/BO/ AD(B&A)		100		
17.	Preparation of prosecution cases of Annual Returns.	DMLW/DD/SO		100		
18.	Reconciliation of receipts figures for the month of April, 2011 with A.G.	DMLW/AD(Admn)/ Supdt-II		100		
19.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.	DMLW/AD(Admn)/ Supdt-II		100		
20.	Initiation of auction case of District Mianwali and Chinyot.	DMLW/AD(Admn)/ Supdt-II		100		
21.	i Number of Permits issued for Coal Mines.	June	Total	JIM/ HD(M-I)	100	88
		63	229			
	ii. Number of Permits issued for Other than Coal Mines.	19	133	IMH/ Supdt-I(M-II)	76	
22.	Follow up for permit cases in Sargodha Region (Sargodha, Jang, & Sheikhpura) Sector (Chak Nos. 126 SB, 116 SB, 107, 113, 120, 47, 48, 48SB, 110, 59 & 60 SB, 117, 123, Shahenabad, 100, 88 NB & Rabwah) for the month of August, 2011.	JIM/HD-II (M-I)		100		
		IMH/Supdt-I(M-II)				
23.	Scrutiny of maps of 15 companies per month.	CO/S&DO		100		
24.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.	DMDC/DD/ Translator		100		
25.	Report on complaints received and action taken.	DMLW/Translator		100		
26.	Continuation of 1 st Annual Examination, 2011 at Punjab School of Mines, Katas.	DMDC/AD		100		
27.	Conduct of 1 st Annual Examination, 2011 at Mine Survey Institute, Makerwal.	DMDC/AD		100		
28.	Preparation of estimates for new welfare schemes.	DMLW/CE		100		
29.	Inspection of Labour Barracks, Duplexes and Water Supply schemes, at Sargodha and Rawalpindi Region.	DMLW/CE		100		
30.	Finalization of Tour Roster of Inspecting Officers.	AO(CIM)		100		
31.	Finalization of requisition to Punjab Public Service Commission for initial recruitment posts of BS-16 and above.	AO(CIM)		100		
32.	Preparation of monthly attendance report of staff.	AD(Admn)/Supt-II/ AO(CIM/MDC)		100		
33.	Follow up of ADP schemes.	DCIM/DMLW/IMH		100		
34.	Review of Umrah Fund.	DD/ PA to CIM/MLWC		100		
Total: (3684/3800) x 100 =					97%	

Annexure-16**TARGETS EVALUATION FOR THE MONTH OF JULY & AUGUST, 2011**

			Progress	
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS OF JUNE 2011.				
1.	Conduct of Departmental Promotion Committee Meeting.	AD(Admn)	100	
PART-II TASKS TO BE COMPLETED IN JULY & AUGUST, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
2.	Submission of prosecution cases of Annual Returns, 2010 to Civil Judges/ Magistrates Section, 30 by 21 st July.	DMLW/DD/SO	100	
3.	Submission of prosecution cases of February Returns, 2010 to Civil Judges/ Magistrates Section, 30 by 31 st August.	DMLW/DD/SO	100	
4.	a. Submission of inquiry reports of fatal accidents occurred up to June, 2011.	IM/JIM	92	85
	b. Submission of inquiry reports of serious accidents occurred up to June, 2011.		50	
	c. Follow up for Submission of inquiry reports of fatal accidents occurred up to, June, 2011.	IMH/JMH	100	
	d. Follow up for Submission of inquiry reports of serious accidents occurred up to June, 2011.		100	
5.	Follow up for submission of inspection reports from inspecting officers, for the month of June and July, 2011.	H.D-II (M-I) Supdt-I (M-II)	72	
6.	a. Submission of inspection reports Mines Labour Welfare Officers for the month of June & July, 2011.	DMLW/ AD(W)/ Supdt-I	100	100
	b. Follow up of inspection reports from Mines Labour Welfare Officers for the month of June & July, 2011.		100	
7.	Review of compensation cases for the months of May & June, 2011.	DMLW/AD(W)/ Supdt-I	100	
8.	To call lists of students from the Heads of schools for purchase of uniform items.	DMLW/AD(W)/ Supdt-I	100	
9.	Calling the tenders through press for purchase of uniform items for the students of Mines Labour Welfare Schools.	DMLW/AD(W)/ Supdt-I	100	
10.	Submission of proposal to A.D. for constitution of Miners Welfare Board & Mines Labour Housing Board.	DMLW/AD(W)/ Supdt-I	100	
11.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
12.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
13.	Shot Firer Training Course at Askari Cement Wah, Rawalpindi.	IMH/TO/HD-I	100	
14.	Conduct of Board of Examiners meeting.	IMH/TO/HD-I	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

15.	Scrutiny of monthly expenditure for June & July, 2011.				DMLW/DD/BO	100	100
					DMLW/AD(B&A)	100	
16.	Compilation of final expenditure for the year, 2010-11.				DMLW/DD/BO	100	100
					DMLW/AD(B&A)	100	
17.	Reconciliation of expenditure with A.G. for the month of June & July, 2011.				DMLW/DD/BO	80	80
					DMLW/AD(B&A)	80	
18.	Scrutiny of monthly receipts for June & July, 2011.				DMLW/AD(Admn)/ Supdt-II	100	
19.	Submission of Audit Copies to A.D. of approved SNEs for the year, 2011-12.				DMLW/AD(B&A)	100	
20.	Distribution of Budget and posts for 2011-12.				DMLW/DD/BO	100	
					DMLW/AD(B&A)		
21.	Submission of monthly and quarterly report regarding outstanding Audit observations.				DMLW/DD/BO	100	
					DMLW/AD(B&A)		
22.	Reconciliation of receipts figures for the months of May and June, 2011 with A.G.				DMLW/AD(Admn)/ Supdt-II	90	
23.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.				DMLW/AD(Admn)/ Supdt-II	100	
24.	i Number of Permits issued for Coal Mines.	July	Aug.	Total	JIM/ HD(M-I)	100	69
		28	-	258			
	ii. Number of Permits issued for Other than Coal Mines.	19	-	133	DCIM/IMH/ Supdt-I(M-II)	38	
25.	Follow up for permit cases in Sargodha Region (R.Y Khan, D.G.Khan & Rajanpur) Sector (Tsunsa, Sakhi Sarwar & Fort Munro) for the month of September, 2011.				JIM/HD-II(M-I)	100	100
					IMH/Supdt-I(M-II)	100	
26.	Follow up for permit cases in Sargodha Region (Mianwali) Sector (Makerwal, Gulla Khel Chashmia, Kala Bagh, Chicchali, Seri Chapri, Seri, Mari, Daud Khel, Thatti, Paikhel, Bori Khail, Musa Khal, Trutta & Sides) for the month of October, 2011.				JIM/HD-II(M-I)	100	100
					IMH/Supdt-I(M-II)	100	
27.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.				DMDC/DD/ Translator	100	
28.	Report on complaints received and action taken.				DMLW/Translator	100	
29.	Follow up for submission of Annual Working Calendars.				DD/SO	100	
30.	Continuation of 1 st Annual Examination 2011 at Punjab School of Mines, Katas.				DMDC/AD	100	
31.	Continuation of 1 st Annual Examination, 2011 at Mine Survey Institute, Makerwal.				DMDC/AD	100	
32.	Marking & Evaluation of 1 st Annual Examination, of Mine Survey Institute, Makerwal.				DMDC/AD	80	
33.	Centralized marking of 1 st Annual Examination, 2011 at Punjab School of Mines, Katas.				DMDC/AD	100	
34.	Old-posting of Result of Mine Survey Institute, Makerwal.				DMDC/AD	100	
35.	Tabulation of Result of Mine Survey Institute, Makerwal.				DMDC/AD	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

36.	To visit official building of Sargodha & Rawalpindi region and prepare urgent nature works estimate.	DMLW/CE	100
37.	Submission of quarterly report of G.P. Fund/ pension cases to A.D.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	100
38.	Preparation of requisitions for recruitments through PPSC.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	100
39.	Revision of Chart regarding writing of ACRs.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	80
40.	Distribution of work load of Head Office.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	80
41.	Publication of notice inviting application for recruitment (BS-01 to BS-05).	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	80
42.	Submission of quarterly report for disciplinary cases.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	100
43.	Preparation of monthly attendance report of staff.	AD(Admn)/ Supdt-II/ AO(CIM/MDC)	100
44.	Follow up of ADP schemes.	DCIM/DMLW/IMH	100
45.	Review of Umrah Fund.	DD/ PA to CIM/MLWC	100
46.	Scrutiny of maps of 15 companies per month.	CO/S&DO	50
Total: (4466/4700) x 100 =			95%

Annexure-17**TARGETS EVALUATION FOR THE MONTH OF SEPTEMBER, 2011**

			Progress	
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS OF AUGUST, 2011.				
1.	Marking & Evaluation of 1st Annual Examination of Mine Survey Institute, Makerwal.	DMDC/AD	100	
PART-II TASKS TO BE COMPLETED IN SEPTEMBER, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/ SO	100	
2.	Compilation of February Returns for the year, 2011.	DMLW/ DD/SO	100	
3.	a. Submission of inquiry reports of fatal accidents occurred up to July, 2011.	IM/JIM	88	88
	b. Submission of inquiry reports of serious accidents occurred up to July, 2011.		63	
	c. Follow up for Submission of inquiry reports of fatal accidents occurred up to, July, 2011.	DCIM/IMH/JMH	100	
	d. Follow up for Submission of inquiry reports of serious accidents occurred up to July, 2011.		100	
4.	Follow up for submission of inspection reports from inspecting officers for the month of August, 2011. (Pendency observed from IMR=15)	H.D-II (M-I) Supdt-I (M-II)	76	
5.	a. Submission of Inspection reports from Mines Labour Welfare Officers for the month of August, 2011.	Mine Labour Welfare Officers	100	
	b. Follow up of Inspection reports by Mines Labour Welfare Officers for the month of August, 2011.	DMLW/AD(W)/ Supdt-I		
6.	Review of compensation cases for the month of July, 2011.	DMLW/AD(W)/ Supdt-I	100	
7.	Placement of supply order with lowest bidder for the supply of uniform items.	DMLW/AD(W)/ Supdt-I	100	
8.	Invitation of applications through press for grant of scholarships/stipends from the children of miners.	DMLW/AD(W)/ Supdt-I	100	
9.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
10.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
11.	Shot Firer Training course at Pull 111, Sargodha.	IMH/TO/HD-I	100	
12.	Scrutiny of monthly expenditure for August, 2011.	DMLW/DD/BO	100	100
		DMLW/AD(B&A)	100	
13.	Reconciliation of expenditure with A.G. for the month of August, 2011.	DMLW/DD/BO	100	100
		DMLW/AD(B&A)	100	
14.	Scrutiny of Monthly receipts for August, 2011.	DMLW/AD(Admn)/ Supdt-II	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

15.	Preparation of SNEs (New & Continued) for the year, 2012-13.			DMLW/DD/BO/ AD(B&A)	80	
16.	Reconciliation of receipts figures for the month of July, 2011 with A.G.			DMLW/AD(Admn)/ Supdt-II	100	
17.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.			DMLW/AD(Admn)/ Supdt-II	100	
18.	Initiation of auction case of Tehsil Taunsa Sharif District D. G. Khan.			DMLW/AD(Admn)/ Supdt-II	100	
19.	i Number of Permits issued for Coal Mines.	Sep.11	Total	JIM/HD(M-I)	100	86
		25	283			
	ii. Number of Permits issued for Other than Coal Mines.	18	151	IMH/ Supdt-I(M-II)	72	
20.	Follow up for permit cases in Rawalpindi Region (Jhelum) Sector (DINA, Pindori, Tarki, Khanpur, Tilla, Jalalpur Sharif, Khewra, Nila & Lilla) for the month of November, 2011.			JIM/HD-II (M-I)	100	
IMH/Supdt-I(M-II)						
21.	Scrutiny of maps of 15 companies per month.			CO/S&DO	100	
22.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.			DMDC/DD/ Translator	100	
23.	Report on complaints received and action taken.			DMLW/Translator	100	
24.	Super Checking of Result of Mine Survey Institute Makerwal.			DMDC/AD	0	
25.	Preparation of estimates for new welfare schemes.			DMLW/CE	100	
26.	Inspection of Labour Barracks, Duplexes and Water Supply schemes at Sargodha and Rawalpindi Region.			DMLW/CE	100	
27.	Preparation of working paper for the meeting of D.P.C.			AD(Admn)/Supdt-II	80	
28.	Submission of requisitions for recruitments through PPSC to AD.			AD(Admn)/Supt-II	100	
29.	Preparation of monthly attendance report of staff.			AD(Admn)/Supdt-II/ AO(CIM/MDC)	100	
30.	Follow up of ADP schemes.			DCIM/DMLW/IMH	100	
31.	Review of Umrah Fund.			DD/ PA to CIM/MLWC	100	
Total: (3010/3200) x 100 =						94%

Annexure-18**TARGETS EVALUATION FOR THE MONTH OF OCTOBER, 2011**

Progress				
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN SEPTEMBER, 2011.				
1.	Super Checking of Result of Mine Survey Institute Makerwal.	DMDC/AD	50	
PART-II TASKS WHICH HAVE TO BE COMPLETED IN OCTOBER, 2011.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/SO	100	
2.	a. Submission of inquiry reports of fatal accidents occurred upto August, 2011.	IM/JIMs	97	99
	b. Submission of inquiry reports of serious accidents occurred upto August, 2011.			
	c. Follow up for submission of inquiry reports of fatal accidents occurred upto August, 2011.	IM(H)/JIM(H)	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred upto August, 2011.			
3.	Follow up for submission of inspection reports from inspecting officers, for the month of September, 2011 and backlog of July and August, 2011.	H.D-II (M-I) Supdt-I (M-II)	100	
4.	a. Submission of inspection reports from Mines Labour Welfare Officers for the month of September, 2011.	Mine Labour Welfare Officers	100	
	b. Follow up of inspection reports by Mines Labour Welfare Officers for the month of September, 2011.	DMLW/AD(W)/ Supdt-I		
5.	Review of compensation cases for the month of August, 2011	DMLW/AD(W) / Supdt-I	100	
6.	Preparation of Annual Report of Mines Labour Welfare Organization for the year, 2010.	DMLW/DD/SO	90	
7.	Submission of monthly and quarterly reports regarding outstanding Audit observations.	DMLW/DD/BO/ AD(B&A)	100	
8.	Preparation of seniority list of Officers of Grade-17.	BO/Supdt(Admn)/ Supdt-II	50	
9.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I	100	
10.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I	100	
11.	Shot Firer's Training Course at Training Mine, Katas.	IMH/TO/HD-I	100	
12.	Scrutiny of monthly expenditure for September, 2011.	DMLW/DD/BO	100	
		DMLW/AD(B&A)		
13.	Reconciliation of expenditure with A.G. for the month of September, 2011.	DMLW/DD/BO	90	
		DMLW/AD(B&A)		
14.	Scrutiny of Monthly receipts for September, 2011.	DMLW/AD(Admn)/ Supdt-II	100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

15.	Submission of SNEs (New & Continued) for the year, 2012-13 to A.D.			DMLW/DD/BO/ AD(B&A)	70		
16.	Reconciliation of receipts figures for the month of August, 2011 with A.G.			DMLW//AD(Admn)/ Supdt-II	100		
17.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.			DMLW//AD(Admn)/ Supdt-II	100		
18.	i	Number of Permits issued for Coal Mines.	Oct.	Total	JIM/ HD(M-I)	76	88
			19	302			
	ii.	Number of Permits issued for Other than Coal Mines.	27	178	IMH/ Supdt-I(M-II)	100	
19.	Follow up for permit cases in Rawalpindi Region (Chakwal-II) Sector (Ara, Basharat & Gharibwal) for the month of December, 2011.			JIM/HD-II(M-I)	100		
				IMH/Supdt-I (M-II)			
20.	Scrutiny of maps of 15 companies per month.			CO/S&DO	70		
21.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.			DMDC/DD/ Translator	100		
22.	Report on complaints received and action taken.			DMLW/Translator	100		
23.	Declaration on result of 1st Annual Examination, 2011 of Mine Survey Institute Makerwal.			DMDC/AD	0		
24.	Preparation of estimates for new welfare schemes.			DMLW/CE	100		
25.	Inspection of Labour Barracks, Duplexes and Water Supply schemes at Sargodha and Rawalpindi Region.			DMLW/CE	100		
26.	Submission of quarterly report of G.P. Fund/pension cases to A.D.			AD(Admn)/Supdt-II	100		
27.	Submission of quarterly report of disciplinary cases.			AD(Admn)/Supdt-II	100		
28.	Preparation of monthly attendance report of staff.			AD(Admn)/Supdt-II/ AO(CIM/MDC)	100		
29.	Follow up of ADP schemes.			DCIM/DMLW/IMH	100		
Total (Part I & II): (2792 / 3000) x 100						93%	

Annexure-19**TARGETS EVALUATION FOR THE MONTH OF NOVEMBER, 2011**

Progress					
Sr. No.	Task	Action by		%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN OCTOBER, 2011.					
1.	Super Checking of Result of Mine Survey Institute, Makerwal.	DMDC/AD		100	
2.	Declaration on result of 1st Annual Examination, 2011 of Mine Survey Institute, Makerwal.	DMDC/AD		100	
3.	Preparation of seniority list of Officers of Grade-17.	BO/Supdt(Admn)/ Supdt-II		80	
PART-II TASKS WHICH HAVE TO BE COMPLETED IN NOVEMBER, 2011.					
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/SO		100	
2.	a. Submission of inquiry reports of fatal accidents occurred upto September, 2011.	IM/JIM	98	87	94
	b. Submission of inquiry reports of serious accidents occurred upto September, 2011.		75		
	c. Follow up for submission of inquiry reports of fatal accidents occurred upto October, 2011.	DCIM/IMH/ JMH	100	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred upto October, 2011.		100		
3.	a. Follow up for submission of inspection reports from inspecting officers for the month of October, 2011.	H.D-II (M-I) Supdt-I (M-II)		100	100
	b. Submission of inspection reports from inspecting officers for the month of October, 2011.	IM/JIM		100	
4.	c. Submission of inspection reports from Mines Labour Welfare Officers for the month of October, 2011.	Mine Labour Welfare Officers		100	100
	d. Follow up of inspection reports by Mines Labour Welfare Officers for the month of October, 2011.	DMLW/AD(W)/ Supdt-I		100	
5.	Review of compensation cases for the month of September, 2011.	DMLW/AD(W)/ Supdt-I		100	
6.	Submission of Annual Report of Mines Labour Welfare Organization for the year, 2010.	DMLW/AD(W)/ AD(Admn)		100	
7.	Confirmation of 10 nominees for Rescue Training Course at Khushab.	TO/IMR/IMS/HD-I		100	
8.	Average attendance of Trainees at Mines Rescue & Safety Station, Khushab.	RS/TO/HD-I		100	
9.	First Aid Training Course at Best Way Cement District Chakwal.	IMH/TO/HD-I		100	
10.	Scrutiny of monthly expenditure for October, 2011.	DMLW/DD/BO		100	
		DMLW/AD(B&A)			
11.	Reconciliation of expenditure with A.G. for the month of October, 2011.	DMLW/DD/BO		100	
		DMLW/AD(B&A)			
12.	Scrutiny of monthly receipts for October, 2011.	DMLW/AD(Admn)/ Supdt-II		100	
13.	Submission of SNEs (New & Continued) for the year, 2012-13 to A.D.	DMLW/DD/BO/ AD(B&A)		100	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

14.	Reconciliation of receipts figures for the month of September, 2011 with A.G.		DMLW/AD(Admn)/ Supdt-II		100		
15.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.		DMLW/AD(Admn)/ Supdt-II		100		
16.	Initiation of auction case of Taunsa, Multan and Khushab.		DMLW/AD(Admn)/ Supdt-II		100		
17.	i	Number of Permits issued for Coal Mines.	Nov.	Total	JIM/ HD(M-I)	32	66
			8	310			
	ii.	Number of Permits issued for Other than Coal Mines.	63	241	IMH/ Supdt-I(M-II)	100	
18.	Follow up for permit cases in Rawalpindi Region (Chakwal-II) Sector (Sidhandi, Saloi & Sikki) for the month of December, 2011.			JIM/HD-II(M-I)		100	
				IMH/Supdt-I(M-II)			
19.	Scrutiny of maps of 15 companies per month.			CO/S&DO		100	
20.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.			DMDC/DD/ Translator		100	
21.	Report on complaints received and action taken.			DMLW/Translator		100	
22.	Scrutiny of Admission Form of 2nd Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali at Mining Development Cell, Lahore.			DMDC/AD		0	
23.	Preparation of Question Papers of Mine Survey Institute, Makerwal.			DMDC/AD		0	
24.	Scrutiny of Admission Form of 2nd Annual Examination, 2011 of Punjab School of Mines, Katas, at Punjab Board of Technical Education.			DMDC/AD		0	
25.	Conduct of 2nd Annual Examination, 2011 Punjab School of Mines, Katas.			DMDC/AD		100	
26.	Preparation of DMC/Certificate of Mine Survey Institute Makerwal, Mianwali.			DMDC/AD		50	
27.	Appointment of Supervisory Staff for 2nd Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali.			DMDC/AD		0	
28.	Revision of Syllabi of Electrical and Mechanical Technologies (with Specialization in Mining).			DMDC/AD		100	
29.	Preparation of SNE for special/additional repair work in respect of official buildings of Sargodha and Rawalpindi Regions.			DMLW/CE		100	
30.	Calling of tenders through press and award of contract to lowest bidder.			DMLW/CE		100	
31.	Inspection of Labour Barracks, Duplexes and Water Supply Schemes, at Sargodha and Rawalpindi Regions.			DMLW/CE		100	
32.	Circulation of Seniority List of Staff.			AD(Admn)/Supt-II		50	
33.	Circular regarding Annual Administrative & Technical Inspection Report to field officers.			AD(Admn)/Supt-II		0	
34.	Preparation of monthly attendance report of staff.			AD(Admn)/Supt-II/ AO(CIM/MDC)		100	
35.	Follow up of ADP schemes.			DCIM/DMLW/IMH		100	
36.	Review of Umrah Fund.			DD/ PA to CIM/MLWC		100	
Total (Part I & II): (3240 / 3900) x 100							83%

Annexure-20**TARGETS EVALUATION FOR THE MONTH OF DECEMBER, 2011**

			Progress	
Sr. No.	Task	Action by	%age	
PART-I BACKLOG OF UN-ACCOMPLISHED TASKS IN NOVEMBER, 2011.				
1.	Preparation of Question Papers of Mine Survey Institute, Makerwal.	DMDC/AD	100	
2.	Scrutiny of Admission Form of 2 nd Annual Examination, 2011 of Punjab School of Mines, Katas at PBTE.	DMDC/AD	100	
3.	Preparation of DMC/Certificate of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	50	
4.	Appointment of Supervisory Staff for 2 nd Annual Examination, 2011 of Mine Survey Institute Makerwal, Mianwali.	DMDC/AD	100	
5.	Circulation of Seniority List of Staff.	DMLW/AD(Admn)/ Supdt-II	50	
6.	Circular regarding Annual Administrative & Technical Inspection Report to field officers.	DMLW/AD(Admn)/ Supdt-II	50	
PART-II TASKS WHICH HAVE TO BE COMPLETED IN DECEMBER, 2010.				
1.	Review of fatal & serious accidents upto-date.	IMH/JIM(H)/DD/SO	100	
2.	a. Submission of inquiry reports of fatal accidents occurred up to October, 2011.	IM/JIM	87	94
	b. Submission of inquiry reports of serious accidents occurred up to October, 2011.			
	c. Follow up for submission of inquiry reports of fatal accidents occurred upto November, 2011.	DCIM/IMH/JMH	100	
	d. Follow up for submission of inquiry reports of serious accidents occurred upto November, 2011.			
3.	a. Submission of inspection reports from inspecting officers for the month of November, 2011. (Pendency Observed from IMR=15)	H.D-II(M-I) Supdt-I(M-II)	100	100
	b. Follow up for submission of inspection reports from inspecting officers for the month of November, 2011.	IM/JIM	100	
4.	c. Submission of inspection reports from Mines Labour Welfare Officers for the month of November, 2011.	Mine Labour Welfare Officers	100	100
	d. Follow up of inspection reports by Mines Labour Welfare Officers for the month of November, 2011.	DMLW/AD(W)/ Supdt-I	100	
5.	Review of compensation cases for the month of October, 2011.	DMLW/AD(W)	100	
6.	Issuance of "Press Note" in newspapers for submission of Annual Returns for the year, 2011.	DMLW/DD/SO	100	
7.	Circulation/Despatch of Annual Returns Forms to all Mine Owners.	DMLW/DD/SO	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	

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

10.	One Day Permit Manager Training Course at PMDC Kalagagh.		IMH/TO/HD-I		100		
11.	Scrutiny of monthly expenditure for November, 2011.		DMLW/DD/BO		100	100	
			DMLW/AD(B&A)		100		
12.	Reconciliation of expenditure with A.G. for the month of November, 2011.		DMLW/DD/BO		100	100	
			DMLW/AD(B&A)		100		
13.	Scrutiny of monthly receipts for November, 2011.		DMLW/AD(Admn)/ Supdt-II		100		
14.	Submission of SNEs (New & Continued) for the year, 2012-13 to A.D. & F.D.		DMLW/DD/BO/ AD(B&A)		90		
15.	Reconciliation of receipts figures for the month of October, 2011 with A.G.		DMLW/AD(Admn)/ Supdt-II		100		
16.	Monitoring of monthly installments of excise duty of auctioned areas in different districts.		DMLW/AD(Admn)/ Supdt-II		90		
17.	Initiation of auction case of Taunsa, Multan and Khushab.		DMLW/AD(Admn)/ Supdt-II		100		
18.	i	Number of Permits issued for Coal Mines.	Dec.	Total	JIM/ HD(M-I)	76	88
			19	329			
	ii.	Number of Permits issued for Other than Coal Mines.	108	349	IMH/ Supdt-I(M-II)	100	
19.	Follow up for permit cases in Rawalpindi Region (Chakwal-I) Sector (Dadot, Pidh, Nali, Wahali, Ratucha, C.S.Shah, Katas, Kalar Kahar, Karuli, Kherpaur, Maloot, Nilawan, Lafi, Munara & Sarkalan) for the month of March, 2011.		JIM/HD-II(M-I)		100	50	
		IMH/Supdt-I(M-II)		0			
20.	Scrutiny of maps of 15 companies per month.		CO/S&DO		100		
21.	Follow up action regarding quarterly meetings of Group-I, II, III & IV Officers.		DMDC/DD/ Translator		100		
22.	Continuation of 2 nd Annual Examination, 2011 of PSM, Katas.		DMDC/AD		100		
23.	Conduct of 2 nd Annual Examination, 2011 of MSIM, Mianwali.		DMDC/AD		100		
24.	Revision of Syllabi of Electrical and Mechanical Technologies (with specialization in Mining).		DMDC/AD		80		
25.	Calling of tenders for repair work through press and award of contract to lowest bidder.		DMLW/CE		100		
26.	Inspection of Labour Barracks, Duplexes and Water Supply Schemes at Sargodha and Rawalpindi Region.		DMLW/CE		100		
27.	Issuance of instructions for submission of ACRs of officers/officials to head office.		AD(Admn)/Supdt-II		100		
28.	Follow up of Service Books.		AO(CIM)		100	67	
			AD(Admn)/Supdt-II		50		
			AO(MDC)		50		
29.	Issuance of instructions to lower formation to provide certificate regarding completion of ACRs.		AO(CIM/MDC)/ AD(Admn)/Supdt		100		
30.	Preparation of monthly attendance report of staff.		AD(Admn)/Supdt-II/ AO(CIM/MDC)		100		
31.	Follow up of ADP Schemes.		DCIM/DMLW/IMH		100		
32.	Review of Umrah Fund.		DD/ PA to CIM/MLWC		100		
Total (Part-I & II): (3493 / 3800) x 100 =						92%	

Annexure-21**TOUR ROSTER OF FIELD OFFICERS OF SARGODHA REGION FOR THE YEAR 2011-12**

Sr. No.	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 2011-12

Sr. No.	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.

TOUR ROSTER OF FIELD OFFICERS OF RAWALPINDI REGION FOR THE YEAR 2011-12

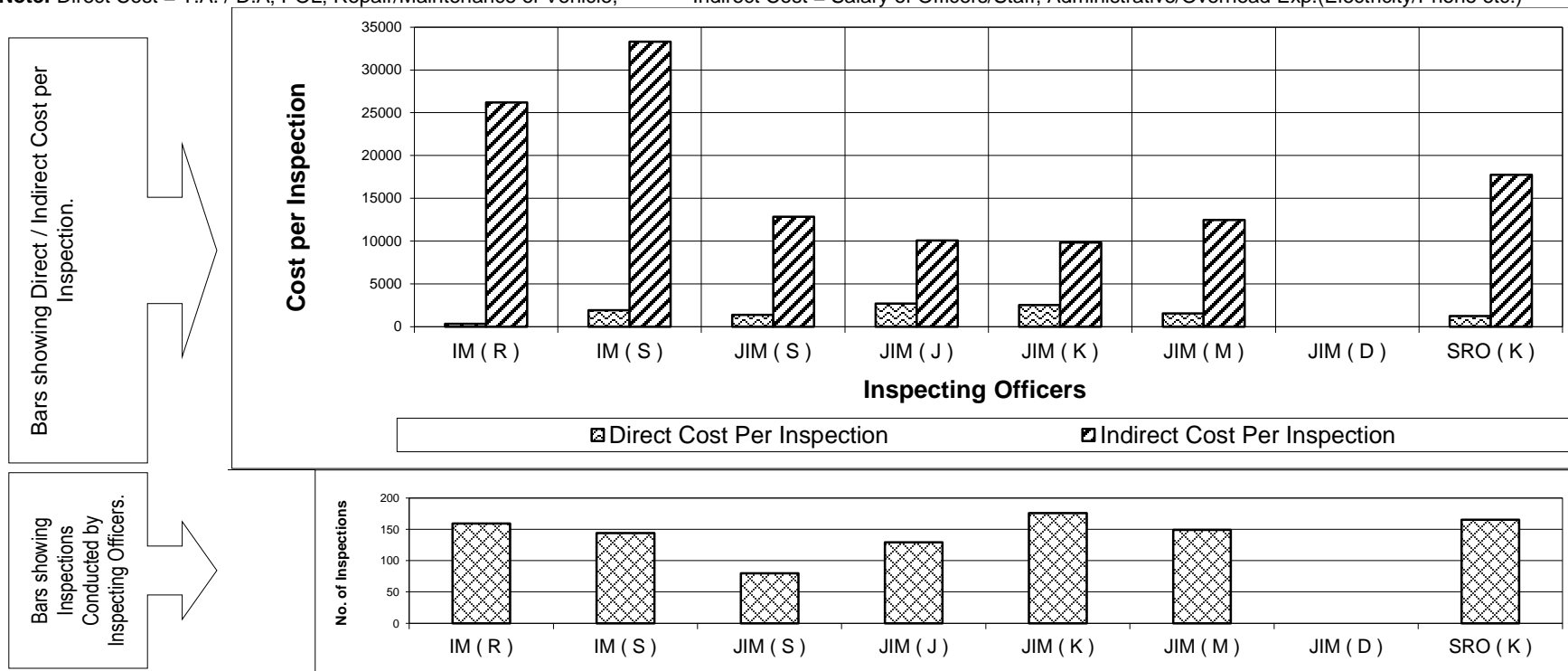
S. No.	Name of Sector	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE
01.	Dina, Pindori, Tarki, Khanpur	RO	JIM(J)	MLWO(C)	SRO	MLWO(C)	RO	JIM(J)	MLWO(C)	SRO	JIM(J)	IM(R)	SRO
02.	Tilla and Jalalpur Sharif	JIM(J)	SRO	IM(R)	IM(R)	JIM(J)	RO	MLWO(C)	SRO	JIM(J)	SRO	RO	MLWO(C)
03.	Khewra, Nila and Lilla	MLWO(C)	JIM(J)	MLWO(C)	SRO	IM(R)	JIM(J)	RO	MLWO(C)	RO	MLWO(C)	JIM(J)	SRO
04.	Ara, Gharibwal, Sidhandi	JIM(J)	MLWO(C)	MLWO(C)	RO	JIM(J)	SRO	SRO	MLWO(C)	JIM(J)	IM(R)	SRO	SRO
05.	Saloi, Basharat, Sikki.	MLWO(C)	JIM(J)	SRO	MLWO(C)	RO	JIM(J)	MLWO(C)	SRO	MLWO(C)	JIM(J)	RO	SRO
06.	Dandot and Pidh.	MLWO(C)	MLWO(C)	IM(R)	SRO	MLWO(C)	IM(R)	JIM(J)	RO	IM(R)	SRO	JIM(J)	IM(R)
07.	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
08.	Choa Saiden Shah & Katas.	SRO	RO	MLWO(C)	JIM(J)	IM(R)	SRO	RO	JIM(J)	SRO	IM(R)	MLWO(C)	JIM(J)
09.	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-23**COST OF INSPECTIONS OF INSPECTING OFFICERS FOR THE YEAR, 2011**

Description	IM(R)	IM(S)	JIM(S)	JIM(J)	JIM(K)	JIM(M)	JIM(D)	SRO(K)
1	2	3	4	5	6	7	8	9
No. of Inspections	159	144	80	129	176	149	Post remained vacant	165
Total Direct Cost	54580	275817	110093	345878	446492	228359		204452
Total Indirect Cost	4163265	4794813	1028385	1300333	1727551	1859763		2929519
Total Cost	4217845	5070630	1138478	1646211	2174043	2088122		3133971
Direct Cost Per Inspection	343	1915	1376	2681	2537	1533		1239
Indirect Cost Per Inspection	26184	33297	12855	10080	9816	12482		17755
Total Cost Per Inspection	26527	35213	14231	12761	12353	14014		18994

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



Annexure-24**NUMBER OF WORKERS AND OUTPUT OF COAL MINES IN PUNJAB
UNDER THE MINES ACT, 1923, DURING THE YEAR, 2011**

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

(i) UNDERGROUND

Over men & Sirdar	0	1057	295	1352
Coal Cutters	0	2949	2453	5402
Loaders	0	1716	1175	2891
Skilled Labour	0	1790	977	2767
Un-skilled Labour	0	2332	989	3321
Total (i)	0	9844	5889	15733

(ii) OPEN WORKING

Over men & Sirdar	0	68	46	114
Coal Cutters	0	93	51	144
Loaders	0	143	89	232
Skilled Labour	0	173	100	273
Un-skilled Labour	0	215	227	442
Females	0	8	86	94
Total (ii)	0	700	599	1299

(iii) SURFACE

Clerical & Supervisory	0	727	432	1159
Skilled Labour	0	582	561	1143
Un-Skilled Labour	0	887	723	1610
Total (iii)	0	2196	1716	3912
Grant Total (i + ii + iii)	0	12740	8204	20944
Total Output in tons	0	327665	253845	581510

Annexure-25

**NUMBER OF WORKER & OUTPUT OF MINERALS OTHER THAN COAL
MINES IN PUNJAB DURING THE YEAR, 2011
UNDER THE MINES ACT, 1923**

DIVISION	TOTAL OUTPUT	NO. OF WORKERS			TOTAL
		UNDER- GROUND	OPEN WORKING	SURFACE	

(1) Argillaceous Clay

Rawalpindi	2743222	0	168	55	223
Sargodha	1080510	0	106	21	127
D. G. Khan.	2971062	0	40	0	40
Total:	6794794	0	314	76	390

(2) Bauxite

Sargodha	7732	25	13	8	46
Total:	7732	25	13	8	46

(3) Bentonite

Rawalpindi	4734	88	9	27	124
Sargodha	402	6	6	2	14
Total:	5136	94	15	29	138

(4) China Clay

Sargodha	5070	11	0	12	23
Total:	5070	11	0	12	23

(5) Dolomite

Rawalpindi	3990	5	2	1	8
Sargodha	680	10	0	0	10
Total:	4670	15	2	1	18

(6) Fire Clay

Rawalpindi	2777	0	2	0	2
Sargodha	197900	348	31	11	390
Total:	200677	348	33	11	392

(7) Gravel

Rawalpindi	3070	0	59	0	59
Sargodha	0	0	0	0	0
Total:	3070	0	59	0	59

(8) Gypsum

Rawalpindi	119031	133	489	116	738
Sargodha	277031	79	458	116	653
D.G.Khan	95958	12	160	96	268
Total:	492020	224	1107	328	1659

(9) Iron Ore

Rawalpindi	5560	4	14	0	18
Sargodha	20750	90	25	31	146
Total:	26310	94	39	31	164

(10) Laterite

Rawalpindi	30629	0	30	12	42
Sargodha	2188	4	12	0	16
Total:	32817	4	42	12	58

(11) Lime Stone

Rawalpindi	8394174	199	5504	667	6370
Sargodha	4503586	143	557	140	840
D.G.Khan	4510	0	0	0	0
Total:	12902270	342	6061	807	7210

(12) Ocher

Rawalpindi	1955	3	8	3	14
Sargodha	22460	43	14	4	61
Total:	24415	46	22	7	75

(13) Sand Stone

Rawalpindi	0	0	0	0	0
Sargodha	16080000	0	4678	150	4828
D. G. Khan	0	0	0	0	0
Total:	16080000	0	4678	150	4828

(14) Rock Salt

Rawalpindi	850088	1722	232	417	2371
Sargodha	902221	978	171	172	1321
Total:	1752309	2700	403	589	3692

(15) Silica Sand

Rawalpindi	445	0	4	0	4
Sargodha	128351	298	1705	26	2029
D. G. Khan	24630	1	4	0	5
Total:	153426	299	1713	26	2038
Grand Total :		2532	2727	931	6190

Annexure-26**NO. OF WORKERS IN AND ABOUT THE MINES DURING THE YEAR, 2011
UNDER THE MINES ACT, 1923**

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

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

Forman & Mates	8	22	19	49
Miners	21	15	3	39
Skilled Labour	4	92	47	143
Un-Skilled Labour	7	39	37	83
Total (a)	40	168	106	314

b) Surface

Clerical & Supervisory Staff	0	4	6	10
Skilled Labour	0	22	5	27
Un-Skilled Labour	0	29	10	39
Total (b)	0	55	21	76
Total (a+b)	40	223	127	390

(2) Bauxite**a) Underground**

Foreman & Mates	0	0	9	9
Miners	0	0	0	0
Skilled Labour	0	0	3	3
Un-Skilled Labour	0	0	13	13
Total (a)	0	0	25	25

b) Open Working

Foreman & Mates	0	0	2	2
Miners	0	0	7	7
Un-Skilled Labour	0	0	4	4
Total (b)	0	0	13	13

c) Surface

Clerical & Supervisory Staff	0	0	4	4
Unskilled Labour	0	0	4	4
Total (c)	0	0	8	8
Total (a+b+c)	0	0	46	46

(3) Bentonite**a) Underground**

Foreman & Mates	0	45	3	48
Miners	0	15	3	18
Skilled Labour	0	16	0	16
Un-Skilled Labour	0	12	0	12
Total (a)	0	88	6	94

b) Open Working

Foreman & Mates	0	5	3	8
Miners	0	0	3	3
Total (b)	0	4	0	4
Total (a+b)	0	9	6	15

c) Surface

Clerical & Supervisory Staff	0	5	2	7
Skilled Labour	0	8	0	8
Un-Skilled Labour	0	14	0	14
Total (c)	0	27	2	29
Total (a+b+c)	0	124	14	138

(4) China Clay**Underground**

Foreman & Mates	0	0	4	4
Miners	0	0	1	1
Skilled Labour	0	0	0	0
Un-Skilled Labour	0	0	6	6
Total	0	0	11	11

b) Surface

Un-Skilled Labour	0	0	12	12
Total (b)	0	0	12	12
Total (a+b)	0	0	23	23

(5) Dolomite**a) Underground**

Foreman & Mates	0	0	3	3
Miners	0	0	4	4
Skilled Labour	0	0	0	0
Un-Skilled Labour	0	5	3	8
Total (a)	0	5	10	15

b) Open Working

Foreman & Mates	0	1	0	1
Miners	0	1	0	1
Skilled Labour	0	0	0	0
Total (b)	0	2	0	2

c) Surface

Unskilled Labour	0	1	0	1
Total (c)	0	1	0	1
Total (a+b+c)	0	8	10	18

(6) Fire Clay**a) Underground**

Foreman & Mates	0	0	133	133
Miners	0	0	33	33
Skilled Labour	0	0	33	33
Un-Skilled Labour	0	0	149	149
Total (a)	0	0	348	348

b) Open Working

Foreman & Mates	0	0	16	16
Miners	0	0	4	4
Skilled Labour	0	0	2	2
Un-Skilled Labour	0	2	9	11
Total (b)	0	2	31	33

c) Surface

Clerical & Supervisory Staff	0	0	9	9
Skilled Labour	0	0	1	1
Unskilled Labour	0	0	1	1
Total (c)	0	0	11	11
Total (a+b+c)	0	2	390	392

(7) Gravel**Open Working**

Foreman & Mates	0	14	0	14
Miners	0	38	0	38
Skilled Labour	0	4	0	4
Un-Skilled Labour	0	3	0	3
Total	0	59	0	59

(8) Gypsum**a) Underground**

Foreman & Mates	3	69	17	89
Miners	0	16	12	28
Skilled Labour	4	21	17	42
Un-Skilled Labour	5	27	33	65
Total (a)	12	133	79	224

b) Open Working

Foreman & Mates	22	46	19	87
Miners	31	131	158	320
Skilled Labour	45	173	149	367
Un-Skilled Labour	62	139	132	333
Total (b)	160	489	458	1107

c) Surface

Clerical & Supervisory Staff	12	34	23	69
Skilled Labour	31	39	45	115
Unskilled Labour	53	43	48	144
Total (c)	96	116	116	328
Total (a+b+c)	268	738	653	1659

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

Foreman & Mates	0	4	17	21
Skilled Labour	0	0	3	3
Un-Skilled Labour	0	0	70	70
Total (a)	0	4	90	94

b) Open Working

Foreman & Mates	0	2	13	15
Miners	0	10	0	10
Un-Skilled Labour	0	2	12	14
Total (b)	0	14	25	39

c) Surface

Clerical	0	0	31	31
Total (c)	0	0	31	31
Total (a+b+c)	0	18	146	164

(10) Laterite**a) Underground**

Foreman & Mates	0	0	1	1
Skilled Labour	0	0	3	3
Total (a)	0	0	4	4

b) Open Working

Foreman & Mates	0	7	2	9
Miners	0	20	3	23
Skilled Labour	0	0	0	0
Un-Skilled Labour	0	3	7	10
Total (b)	0	30	12	42

c) Surface

Clerical	0	12	0	12
Total (c)	0	12	0	12
Total (a+b+c)	0	42	16	58

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

Foreman & Mates	0	39	24	63
Miners	0	82	20	102
Skilled Labour	0	38	33	71
Un-Skilled Labour	0	40	66	106
Total (a)	0	199	143	342

b) Open Working

Foreman & Mates	0	430	54	484
Miners	0	2238	90	2328
Skilled Labour	0	1403	159	1562
Un-Skilled Labour	0	1433	254	1687
Total (b)	0	5504	557	6061

c) Surface

Clerical & Supervisory Staff	0	269	23	292
Skilled Labour	0	207	10	217
Unskilled Labour	0	191	107	298
Total (c)	0	667	140	807
Total (a+b+c)	0	6370	840	7210

(12) Ocher**a) Underground**

Foreman & Mates	0	0	10	10
Miners	0	0	7	7
Skilled Labour	0	2	12	14
Un-Skilled Labour	0	1	14	15
Total (a)	0	3	43	46

b) Open Working

Foreman & Mates	0	2	5	7
Miners	0	6	2	8
Skilled Labour	0	0	4	4
Un-Skilled Labour	0	0	3	3
Total (b)	0	8	14	22

c) Surface

Clerical	0	3	0	3
Skilled Labour	0	0	2	2
Unskilled Labour	0	0	2	2
Total (c)	0	3	4	7
Total (a+b+c)	0	14	61	75

(13) Sand Stone**Open Working**

Foreman & Mates	0	0	177	177
Miners	0	0	1605	1605
Skilled Labour	0	0	1637	1637
Un-Skilled Labour	0	0	1259	1259
Total	0	0	4678	4678

b) Surface

Clerical	0	0	9	9
Skilled Labour	0	0	51	51
Unskilled Labour	0	0	90	90
Total (c)	0	0	150	150
Total (a+b)	0	0	4828	4828

(14) Rock Salt**a) Underground**

Foreman & Mates	0	104	76	180
Miners	0	746	275	1021
Skilled Labour	0	431	270	701
Un-Skilled Labour	0	441	357	798
Total (a)	0	1722	978	2700

b) Open Working

Foreman & Mates	0	17	13	30
Miners	0	25	33	58
Skilled Labour	0	88	55	143
Un-Skilled Labour	0	102	70	172
Total (b)	0	232	171	403

c) Surface

Clerical & Supervisory Staff	0	143	68	211
Skilled Labour	0	85	31	116
Unskilled Labour	0	189	73	262
Females	0	0	0	0
Total (c)	0	417	172	589
Total (a+b+c)	0	2371	1321	3692

(15) Silica Sand**a) Underground**

Foreman & Mates	1	0	54	55
Miners	0	0	5	5
Skilled Labour	0	0	4	4
Un-Skilled Labour	0	0	235	235
Total (a)	1	0	298	299

b) Open Working

Foreman & Mates	1	0	22	23
Miners	2	0	17	19
Skilled Labour	1	0	11	12
Un-Skilled Labour	0	4	1655	1659
Total (b)	4	4	1705	1713

c) Surface

Clerical & Supervisory Staff	0	0	18	18
Skilled Labour	0	0	2	2
Unskilled Labour	0	0	6	6
Total (c)	0	0	26	26
Total (a+b+c)	5	4	2029	2038
Grand Total:	313	9973	10504	20790

Annexure-27**TOTAL MINING POPULATION OF COAL MINES IN PUNJAB
IN SELECTED WEEK FROM 20.02.2011 TO 26.02.2011****(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	3	1027	6270	7300	2533	1784	0	4317	11617
Open Working	1	90	344	435	396	17	0	413	848
Surface	1	192	815	1008	1173	315	0	1488	2496
Females on Surface	0	0	0	0	1	17	0	18	18
Total (i)	5	1309	7429	8743	4103	2133	0	6236	14979

(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	508	1787	2295	875	539	0	1414	3709
Open Working	0	20	61	81	82	54	0	136	217
Surface	0	45	167	212	332	148	0	480	692
Females on Surface	0	0	0	0	0	3	0	3	3
Total (i)	0	573	2015	2588	1289	744	0	2033	4621
Total (i&ii)	5	1882	9444	11331	5392	2877	0	8269	19600

Annexure-28**ANALYSIS OF FIGURES RELATING TO OUTPUT OF COAL IN TONS
FOR THE YEAR ENDING 31ST DECEMBER, 2011**

Sr. No.	Description	Region		Total
		Rawalpindi	Sargodha	
i	Open Stock	26323.720	7062.936	33386.656
ii	Raising	327665.256	253844.590	581509.846
iii	Total (i + ii)	353988.976	260907.526	614896.502
iv	Dispatches	330957.400	243466.020	574423.420
v	Colliery Consumption	1165.000	92.000	1257.000
vi	Total (iv + v)	332122.400	243558.020	575680.420
vii	Closing Stock (iii – vi)	21866.576	17349.506	39216.082

Annexure-29**AGGREGATE ELECTRIC POWER USED AND PURPOSE OF INSTALLATION
BOTH ON SURFACE AND BELOW GROUND FOR THE YEAR, 2011****HORSE POWER USED ON SURFACE***Figures in Horsepower (H.P.)*

	NAME OF MINERAL			
Purpose of Installation	Coal	Lime Stone	Rock Salt	Total
Winding	539	0	30	569
Ventilation	2263	0	110	2373
Haulage	6305	0	10	6315
Ore Dressing	0	310	0	310
Crushing/ Grinding	0	320	80	460
Misc.	3658	520	171	4349
Total (i)	12765	1150	401	14376

HORSE POWER USED BELOW GROUND

	NAME OF MINERAL			
Purpose of Installation	Coal	Lime Stone	Rock Salt	Total
Haulage	1996	0	120	2116
Pumping	1859	0	230	2089
Portable Machinery	230	0	0	230
Lighting	545	0	99	644
Misc.	864	0	318	1182
Total (ii)	5494	0	767	6261
Grand Total	18259	1150	1168	20637

EXPLOSIVES USED AT MINES DURING THE YEAR, 2011 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.)	0	0	0	839263	0	0	0	839263
2.	Braker / Super Braker (Kg.)	0	0	0	45175	0	0	0	45175
3.	Detonators (Nos.)	125861	40	19558	61101	0	82956	0	289516
4.	Detonating Cord (Baifo & Wabo Cord) (Meters)	0	0	0	364936	0	0	2054	366990
5.	Dynamite (Kg.)	0	0	0	42371	0	0	0	42371
6.	Emulite (Kg.)	0	0	0	148311	0	0	0	148311
7.	Gelatin/ Wabox (Kg.)	7226	0	0	0	0	0	0	7226
8.	Lehar (15-20 Meters) (Nos.)	0	0	0	401	0	0	0	401
9.	Safety Fuse (Meters)	103324	0	7767	132637	0	3713599	1018	3958345
10.	Super Blaster (Kg.)	0	0	0	118324	0	0	0	118324
11.	Wabonite (Kg.)	0	0	245	2973	0	20	716	3954
12.	Wabox (Kg.)	491637	10	4467	126524	0	34979	121	657738
Total:		728048	50	32037	1882016	0	3831554	3909	6477614

DISTRICT/MINERAL WISE LABOUR FORCE IN MINING INDUSTRY OF PUNJAB FOR THE YEAR, 2011

NAME OF MINERALS	DISTRICTS OF PUNJAB								TOTAL
	ATTOCK	RAWALPINDI	JHELUM	CHAKWAL	SARGODHA/ JHANG	KHUSHAB	MIANWALI	D.G. KHAN	
Arg. Clay	31	0	0	192	0	73	54	40	390
Bauxite	0	0	0	0	0	46	0	0	46
Bentonite	33	0	87	4	0	14	0	0	138
China Clay	0	0	0	0	0	0	23	0	23
Coal	3	0	1791	10946	0	4982	3222	0	20944
Dolomite	0	0	0	8	0	0	10	0	18
Fire Clay	0	0	0	2	0	64	326	0	392
Gravel	33	26	0	0	0	0	0	0	59
Gypsum	0	0	299	439	0	399	254	268	1659
Iron Ore	4	14	0	0	0	0	146	0	164
Laterite	0	0	0	42	0	16	0	0	58
Lime Stone	897	4732	103	638	0	550	290	0	7210
Ocher	0	0	0	14	0	5	56	0	75
Sand Stone	0	0	0	0	4828	0	0	0	4828
Rock Salt	0	0	1074	1297	0	1159	162	0	3692
Silica Sand	0	0	4	0	0	61	1968	5	2038
Total:	1001	4772	3358	13582	4828	7369	6511	313	41734

DISTRICT/MINERAL WISE PRODUCTION IN MINING INDUSTRY OF PUNJAB FOR THE YEAR, 2011

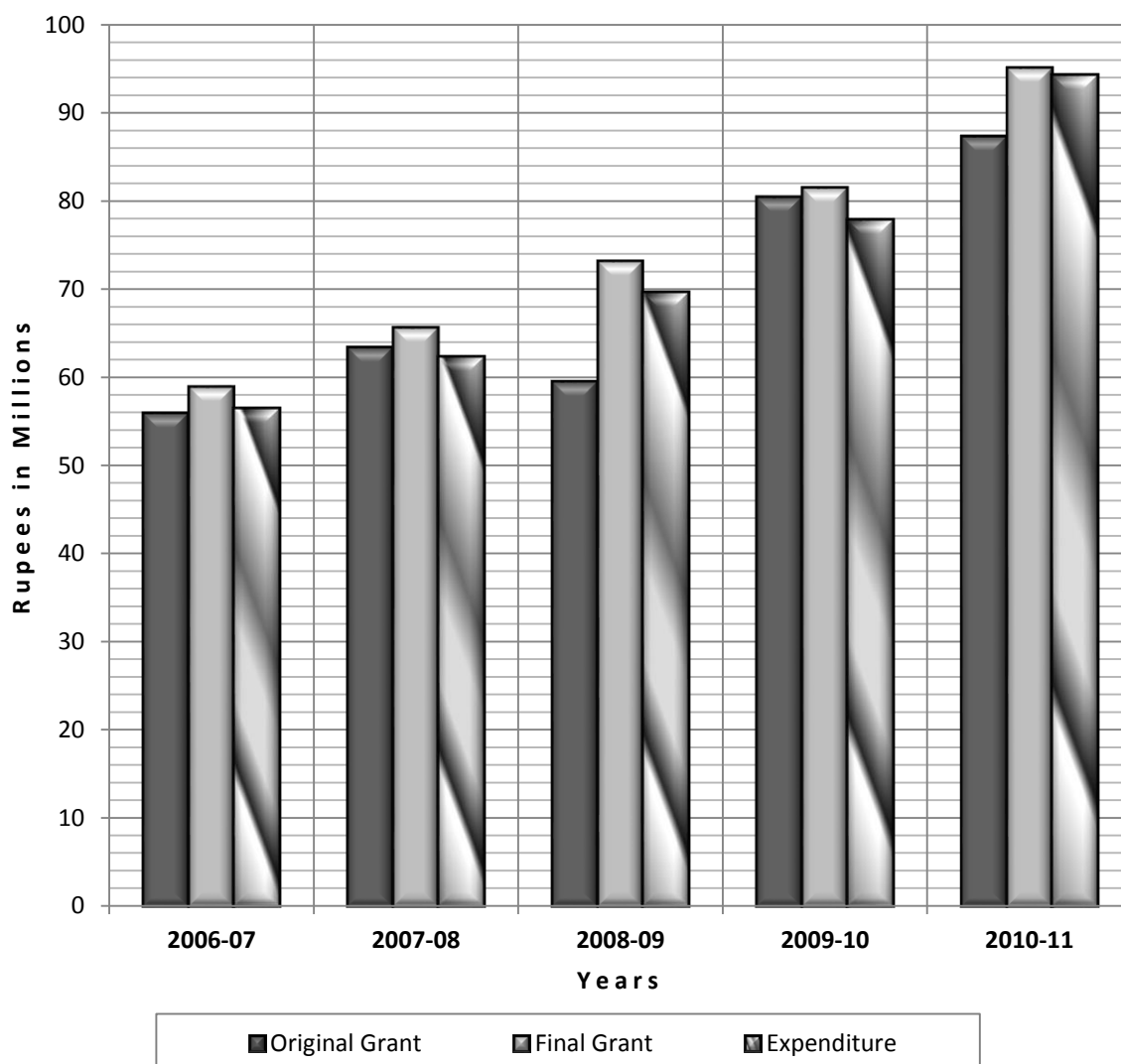
NAME OF MINERALS	DISTRICTS OF PUNJAB								TOTAL
	ATTOCK	RAWALPINDI	JHELUM	CHAKWAL	SARGODHA / JHANG	KHUSHAB	MIANWALI	D.G. KHAN	
Arg. Clay	535872	0	0	2207350	0	230202	850308	2971062	6794794
Bauxite	0	0	0	0	0	7732	0	0	7732
Bentonite	950	0	3784	0	0	402	0	0	5136
China Clay	0	0	0	0	0	0	5070	0	5070
Coal	0	0	60471	267194	0	180771	73074	0	581510
Dolomite	0	0	0	3990	0	0	680	0	4670
Fire Clay	2713	0	0	64	0	20852	177048	0	200677
Gravel	1860	1210	0	0	0	0	0	0	3070
Gypsum	0	0	48986	70045	0	56954	220077	95958	492020
Iron Ore	5560	0	0	0	0	0	20750	0	26310
Laterite	25140	0	0	5489	0	2188	0	0	32817
Lime Stone	2186637	1003544	457547	4746446	0	1558528	2945058	4510	12902270
Ocher	0	0	0	1955	0	1710	20750	0	24415
Sand Stone	0	0	0	0	16080000	0	0	0	16080000
Rock Salt	0	0	379390	470698	0	828957	73264	0	1752309
Silica Sand	0	0	445	0	0	23277	105074	24630	153426
Total:	2758732	1004754	950623	7773231	6080000	2911573	4491153	3096160	29066226

Annexure-33**NON-DEVELOPMENT BUDGET “ALLOCATION AND EXPENDITURE”
FOR THE YEAR, 1988-89 TO 2011-12****(Figures in Rupees)**

Year	Original Grant	Final Grant	Expenditure
1988-89	5982310	5657940	5497650
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	49463298
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	-	-

Annexure-34

Budget Allocation & Expenditure (From 2006-07 to 2010-11)



<u>Year</u>	<u>Rupees in Millions</u>		
	<u>Original Grant</u>	<u>Final Grant</u>	<u>Expenditure</u>
2006-07	56.009	58.926	56.462
2007-08	63.432	65.658	62.258
2008-09	59.586	73.169	69.601
2009-10	80.414	81.491	77.847
2010-11	87.273	95.111	94.254

Annexure-35**NUMBER OF MINING LEASES/PROSPECTING LICENSES IN PUNJAB
DISTRICT-WISE FOR THE YEAR ENDING, 2011**

Sr. No.	Name of District	Number of Leases		Total
		Mining Leases	Prospecting Licenses	
1.	Attock	55	18	73
2.	Rawalpindi	26	4	30
3.	Jhelum	70	22	92
4.	Chakwal	330	94	424
5.	Sargodha	39	1	40
6.	Khushab	219	114	333
7.	Mianwali	267	112	379
8.	Dera Ghazi Khan	59	50	109
Total:		1065	415	1480

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

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

Annexure-36

MINERALS/DISTRICT-WISE MINING LEASES/PROSPECTING LICENCES IN PUNJAB FOR THE YEAR ENDING, 2011

Minerals	Attock		Rawalpindi		Jhelum		Chakwal		Sargodha		Khushab		Mianwali		D.G. Khan		TOTAL		Grand Total
	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	ML	PL	
Arg. Clay	2	-	-	-	1	-	8	-	-	-	3	-	2	-	3	-	19	-	19
Bauxite	-	-	-	-	-	1	-	6	-	-	9	8	-	1	-	-	9	16	25
Bentonite	1	1	-	4	11	5	4	1	-	-	4	6	-	-	-	-	20	17	37
Brine	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1
Celestite	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2	2
China Clay	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-	-	1	4	5
Coal	-	6	-	-	20	3	221	16	-	-	55	23	21	11	3	5	320	64	384
Dolomite	-	-	-	-	-	-	2	3	-	-	-	-	8	2	-	-	10	5	15
Fire Clay	9	4	-	-	-	-	2	8	-	-	22	8	54	33	-	-	87	53	140
Fullers Earth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	7	2	9
Gravel	5	-	2	-	-	-	-	-	-	-	-	-	-	-	7	-	14	-	14
Gypsum	-	-	-	-	23	10	14	42	-	-	21	25	14	12	22	35	94	124	218
Iron Ore	1	2	1	-	-	-	-	3	1	1	1	-	21	13	-	1	25	20	45
Laterite	2	5	3	-	-	-	10	2	-	-	1	13	1	3	-	-	17	23	40
Lime Stone	33	-	18	-	8	-	54	-	-	-	50	-	60	-	12	-	235	-	235
Marble	-	-	1	-	1	-	1	-	-	-	1	-	-	-	3	-	7	-	7
Ocher	-	-	-	-	-	-	-	3	-	-	4	2	8	10	-	-	12	15	27
Ord. Sand	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	3	-	3
Rock Salt	-	-	-	-	4	2	12	8	-	-	12	3	4	-	-	2	32	15	47
Sand Stone	1	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	39	-	39
Silica Sand	1	-	-	-	2	-	-	-	-	-	36	25	73	24	2	5	114	54	168
Total:	55	18	26	4	70	22	330	94	39	1	219	114	267	112	59	50	1,065	415	1,480
Grand Total:	73		30		92		424		40		333		379		109		1,480		

* ML: Mining Leases * PL: Prospecting Licenses

MONTH-WISE PROGRESS/BRIEF OF INSPECTOR OF MINES, SARGODHA FOR THE YEAR, 2011

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	11	0	0	224	0	0	3	3	0	0	0	1	113	350
February	15	3	0	227	0	0	0	0	0	0	0	3	154	342
March	14	8	10	225	1	2000	4	4	0	2	2	1	369	327
April	12	6	0	231	0	0	4	4	0	0	0	1	218	323
May	12	0	26	205	1	0	2	2	0	1	1	2	318	270
June	14	3	0	208	0	0	4	5	1	1	1	0	297	167
July	12	0	10	198	1	1000	4	4	0	0	0	1	113	223
August	13	0	0	198	0	0	2	2	0	1	1	1	180	232
September	13	2	0	200	0	0	3	3	0	1	1	1	196	344
October	0	0	0	200	0	0	4	5	0	1	1	0	311	526
November	13	3	0	203	1	0	3	3	0	0	0	1	164	158
December	15	0	0	203	0	0	2	2	0	0	0	1	217	110
Total:	144	25	46	203	4	3000	35	37	1	7	7	13	2650	3372

MONTH-WISE PROGRESS OF INSPECTOR OF MINES, RAWALPINDI FOR THE YEAR, 2011

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	13	0	0	257	3	0	3	6	0	1	1	1	56	161
February	13	0	0	258	3	0	0	0	0	0	0	2	165	250
March	15	0	0	258	0	0	2	2	0	0	0	2	249	221
April	15	50	0	308	2	0	2	2	0	0	0	3	170	418
May	11	0	0	308	4	0	2	2	0	0	0	0	121	211
June	15	0	0	308	1	0	1	1	0	3	4	2	142	273
July	18	0	0	308	4	0	2	2	0	0	0	2	131	616
August	15	0	0	308	4	0	2	4	0	0	0	2	128	100
September	15	21	0	329	4	0	2	2	0	1	1	1	81	396
October	0	23	0	352	0	0	3	3	0	0	0	0	150	411
November	15	44	0	373	2	0	1	1	0	0	0	3	150	289
December	14	55	0	407	1	0	2	2	0	1	1	3	140	281
Total:	159	193	0	407	28	0	22	27	0	6	7	21	1683	3627

MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, KHUSHAB FOR THE YEAR, 2011

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	33	28	49	3	9900	1	1	0	0	0	2	123	175
February	15	43	23	69	3	12200	0	0	0	0	0	2	82	131
March	15	22	28	63	4	20000	0	0	0	0	0	2	82	131
April	15	13	23	53	3	13000	2	2	0	0	0	2	137	160
May	16	41	19	75	3	7600	0	0	0	0	0	2	210	187
June	15	0	10	65	1	12600	4	5	1	0	0	2	210	109
July	15	0	20	48	2	10000	2	2	0	0	0	2	134	123
August	13	0	0	55	0	0	1	1	0	0	0	2	134	182
September	15	17	18	153	2	9500	0	0	0	1	1	2	102	106
October	15	27	40	150	4	14500	1	2	0	0	0	2	63	117
November	15	16	12	154	2	6700	1	1	0	0	0	2	95	114
December	12	19	33	140	5	17200	1	1	0	0	0	2	85	141
Total:	176	231	254	140	32	133200	13	15	1	1	1	24	1457	1676

MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, MIANWALI FOR THE YEAR, 2011

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	12	7	14	82	2	2400	0	0	0	0	0	1	165	115
February	12	0	7	75	1	1500	0	0	0	0	0	1	57	87
March	13	18	12	81	1	2000	1	1	0	0	0	1	91	137
April	12	0	11	70	4	4300	0	0	0	0	0	1	33	123
May	12	11	7	74	1	1400	0	0	0	1	1	1	167	141
June	12	16	12	78	2	2200	0	0	0	0	0	1	77	102
July	12	4	16	66	2	2800	0	0	0	0	0	1	166	143
August	12	3	0	69	0	0	0	0	0	1	1	1	46	123
September	13	6	0	75	2	0	1	1	0	0	0	1	28	129
October	12	0	3	72	1	1500	1	1	0	0	0	1	31	150
November	14	1	8	65	2	2400	0	0	0	0	0	1	42	99
December	13	7	3	69	1	1000	1	1	0	0	0	1	85	128
Total:	149	73	93	69	19	21500	4	4	0	2	2	12	988	1477

Annexure-41**MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, D.G.KHAN FOR THE YEAR, 2010**

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	-	-	-	65	-	-	-	-	-	-	-	-	51	15
February	-	-	-	65	-	-	-	-	-	-	-	-	25	18
March	-	-	-	65	-	-	-	-	-	-	-	-	27	9
April	-	-	-	65	-	-	-	-	-	-	-	-	13	11
May	-	-	-	65	-	-	-	-	-	-	-	-	31	16
June	-	-	-	65	-	-	-	-	-	-	-	-	26	14
July	-	-	-	65	-	-	-	-	-	-	-	-	16	8
August	-	-	-	65	-	-	-	-	-	-	-	-	25	4
September	-	-	-	65	-	-	-	-	-	-	-	-	12	5
October	-	-	-	65	-	-	-	-	-	-	-	-	35	10
November	-	-	-	65	-	-	-	-	-	-	-	-	25	34
December	-	-	-	65	-	-	-	-	-	-	-	-	17	5
Total:	0	0	0	65	0	0	0	0	0	0	0	0	303	149

The post of Jr. Inspector of Mines, D. G. Khan remained vacant. However, look after charge remained with Mines Labour Welfare Officer, D. G. Khan.

MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, JHELUM FOR THE YEAR, 2011

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	12	3	12	160	2	2400	3	6	0	1	1	1	145	109
February	13	0	0	160	3	0	0	0	0	0	0	2	165	132
March	12	8	0	235	4	0	2	2	0	0	0	2	196	115
April	13	6	0	241	4	0	2	2	0	0	0	1	231	143
May	13	0	0	241	4	0	2	2	0	0	0	2	210	116
June	14	0	0	241	2	0	1	1	0	3	4	1	212	96
July	8	17	0	362	0	0	2	2	0	0	0	0	134	137
August	0	0	0	362	0	0	2	4	0	0	0	1	113	80
September	5	4	0	424	1	0	2	2	0	1	1	0	80	63
October	13	1	0	425	0	0	4	4	0	0	0	2	74	474
November	13	0	0	425	1	0	0	0	0	0	0	1	140	188
December	13	1	0	426	1	0	2	2	0	1	1	2	142	187
Total:	129	40	12	426	22	2400	22	27	0	6	7	15	1842	1840

The Jr. Inspector of Mines, Jhelum remained on leave in August, 2011.

MONTH-WISE PROGRESS/BRIEF OF JR. INSPECTOR OF MINES, SARGODHA FOR THE YEAR, 2011

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	13	0	0	78	0	0	2	2	0	0	0	0	-	-
February	9	13	0	91	0	0	0	0	0	0	0	1	-	-
March	9	12	0	103	0	0	3	3	0	2	2	1	-	-
April	7	37	0	140	0	0	2	2	0	0	0	0	-	-
May	8	36	52	124	1	0	2	2	0	0	0	1	-	-
June	7	8	0	132	0	0	0	0	0	1	1	1	-	-
July	5	0	0	132	0	0	2	2	0	0	0	0	-	-
August	8	0	0	132	0	0	1	1	0	0	0	1	-	-
September	7	38	0	170	0	0	2	2	0	0	0	0	-	-
October	0	0	0	170	0	0	2	2	0	1	1	0	-	-
November	0	0	0	170	0	0	2	2	0	0	0	0	-	-
December	7	0	0	170	0	0	0	0	0	0	0	0	-	-
Total:	80	144	52	170	1	0	18	18	0	4	4	5	-	-

The post of Jr. Inspector of Mines, Sargodha remained vacant during the months of October and November, 2011.

OFFICES AND CONTACT DETAILS

Sr. No.	Name of Office and Address	Telephone Nos.	E-mail Address
1.	Office of Chief Inspector of Mines, Punjab, 153-Shah Jamal Colony, Lahore-54600:		
	Chief Inspector of Mines, Punjab.	042-37588733	cim_punjab@yahoo.com tehzib@hotmail.com
	Deputy Chief Inspector of Mines.	042-37534133	saleem_ghouri54@yahoo.com
	Director Mines Labour Welfare.	042-37551995	riazach@yahoo.com
	Deputy Director (Budget & Statistics).	042-37551835	irfanakm@yahoo.com
	Budget Officer.	042-37551835	-
	Training Officer / Inspector of Mines (Hqrs).	042-37589569	hamidiqbal99@yahoo.com
	Cess Officer.	042-37589024	-
	Statistical Officer.	042-37589024	yskhanpk@yahoo.com
	Fax:	042-37575635	-
2.	Office of Director Mining Development Cell, 153-Shah Jamal Colony, Lahore-54600.	042-37578864 042-37579158	-
3.	Office of Director Punjab School of Mines, Katas, Choa Saiden Shah, District Chakwal.	0543-580090 0543-580238	dpsm_katas@yahoo.com
4.	Office of Mine Manager, Training Mine, Katas. Choa Saiden Shah, District Chakwal.	0543-580023	mmKatas@yahoo.com
5.	Office of Inspector of Mines, Rawalpindi. House No.518, 1-10/4, Main Double Road, Islamabad	051-4433336	im_rwp@yahoo.com

ANNUAL REPORT OF CHIEF INSPECTOR OF MINES PUNJAB FOR THE YEAR, 2011

6.	Office of 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 Sr. Research Officer, Mine Sample & Testing Laboratory, 1-Skaiser Road, Khushab.	0454-710636	saleem_langah@yahoo.com
8.	Office of Rescue Superintendent, Mines Rescue & Safety Station, 1-Skaiser Road, Khushab.	0454-711434 0454-711834	hamidiqbal99@yahoo.com
9.	Office of Rescue Instructor Mines Rescue & Safety Sub-Station, Khewra Road, Choa Saiden Shah, District, Chakwal.	0543-580041	rescueinstructorchoa@yahoo.com
10.	Office of Rescue Instructor Mines Rescue & Safety Sub-Station, Makerwal, District Mianwali.	0459-384043	-
11.	Office of Jr. Inspector of Mines, Jhelum. 32-Lalazar Colony, Jhelum.	0544-623691	jimjhelum@yahoo.com
12.	Office of Jr. Inspector of Mines, Sargodha. House No. 100/26-C, Satellite Town, Zaidi Road, Sargodha.	048-215518	jimsargodha@yahoo.com
13.	Office of Jr. Inspector of Mines, Khushab. 1-Skaiser Road, Khushab.	0454-710940	mustafaraz1@hotmail.com
14.	Office of Jr. Inspector of Mines, Mianwali. 7-Muslim Colony, Mianwali.	0459-234973	jim_mi82@yahoo.com
15.	Office of Jr. Inspector of Mines, Dera Ghazi Khan. 267-Nizami Town, Near Jamia Qadsia, Dera Ghazi Khan.	0641-470596	-
16.	Mine Survey Institute, Makerwal District Mianwali.	0459-384128	pmsimakerwal@yahoo.com