

Disaster Management Plan of Barka sayal Area

1. Brief History of Barka-Sayal Area:-

Barka-Sayal area is under the command of Central Coalfields Limited. It is located in the South Karanpura Coalfields and is about 30 Km West of NH-33 at Ramgarh and 5 Km east of Patratu Railway Station. It is located partly both in Patratu and Barkagaon blocks. It is one of the oldest areas of CCL.

Presently its mining activities are restricted to four underground mines and three opencast mines. Its annual target is 2.5 Million Ton.

2. Recovery Plan:-

Every mine has its own emergency response plan to deal with any emergency.

1. Applicability

The Disaster Management Plan of Barka sayal

Area, CCL will be applicable in case of disasters arising out of-

- a) Flooding (inundation) in underground mines
- b) Fires in underground mines
- c) Dump slide/Highwall failure in opencast mine
- d) Critical condition arising out of illegal mining subject to clearance from state authorities regarding law & order situation etc.

For the purpose of this plan, any mishap arising out of abovementioned situations causing loss of or threat of loss of 03 or more lives will be taken as disaster.

2. Sending First Information

The first information report besides being sent in compliance of Regulation 9 of Coal Mines Regulation 1957 shall also be sent by Manager to Area Consultative Committee. Manager will inform the General Manager who in turn will inform CMD/Owner (Nominated) of the company and to District Magistrate/District Collector, as per Crisis Management Plan 2011 issued by Ministry of Coal, Government of India.

3. Composition of Area Crisis Management Committee (ACMC)

The composition of ACMC of Barka Sayal Area will be as under:

		Tel.No.
a) General Manager, Barka Sayal Area/	Chairman	8987785246
b) GM(Operation). Barka Sayal Area-	Member	8987785247
c) Staff Officer (Excavation), Barka sayal	Member	8987785248
d) Staff Officer (E&M)Barka Sayal	Member	8987785249
e) Staff Officer (Materials Mgt), Barka sayal	Member	8987785251
f) Staff Officer (Safety), Barka sayal	Member	8987785262
g) Staff Officer (P&A), Barka Sayal area	Member	8987785253
h) Staff Officer (Survey),Barka Sayal	Member	8987785263
i) Staff Officer (Security), Barka Sayal	Member	8987785255
j) Area Medical Officer),Barka Sayal	Member	8987788559
k) Area Finance Manager Barka Sayal	Member	8987785256
l) Staff Officer (P&P),Barka Sayal	Member	8987785318

4. Establishment of Area Control Room

Immediately on getting information Area Control Room will start functioning in GM office Conference Hall and will be manned by Personnel Manager. Control Room will be provided with telephone, fax facility, vehicle etc. A register will be kept for recording of any information being received/passed. Incharge of control room will collect and provide updated information to all concerned as well as District Authorities.

Telephone No. of Barka Sayal Area Exchange No :-8987785338

5. Role of Area Crisis Management Committee (ACMC)

On getting information ACMC will assemble on site to assess the extent of damage and will help mine level emergency response team in taking decisions regarding immediate remedial actions to arrest further damage and also for rescue & recovery work. The committee will liaison with CCL headquarters, DGMS, other companies as well as District Authorities for any help or guidance, especially for maintaining law & order, help of equipment, service of expert, rescue & medical facility etc.

6. Contingency Plan at Mine level

Mine wise contingency plan which already exists at unit level will be activated immediately on such occurrence and accordingly role/duty of different categories of person engaged will be initialized.

7. Duty of ACMC members

The General Manager Of Barka Sayal Area will be the Chairman.

GM(Operation)/Staff Officer (Mining), will be the convener of the ACMC and also the leader of execution committee whose other members will be Staff Officer (Safety) and Staff Officer (E&M)/ Staff Officer (P&A) as the situation demands.

Staff Officer (Excavation) & Staff Officer (E&M) will have respective roles in activities related with Excavation & E& M deptt. And will provide spares, machine, manpower etc as per requirement.

Staff Officer (Materials mgt) will coordinate in managing stores for spares, m/c from Regional stores as well as outside sources/stores.

Staff Officer (Safety) will coordinate with mine authorities in consultation with ISO of the Company in dealing with the situation.

Staff Officer (Survey) will provide the updated plan of the area for ready use.

Staff Officer (P&A) will coordinate in maintaining industrial harmony and providing facilities to persons involved in rescue & recovery work and will also coordinate with state authorities, press & media and Trade Unions.

Staff Officer (Security) will maintain law & order and coordinate with state authorities.

Area Medical Officer will keep all the medical facilities along with staff at Area hospital in ready condition. Ambulance will be maintained for meeting any emergency.

Area Finance Manager will coordinate in expediting any finance related issue.

FIRST INFORMATION REPORT
OF
MINE DISASTER (FLOODING/ FIRE)

- I. Name & address with Phone & Fax Numbers of the mine and Company Headquarter
- II. Name & mobile no. of CMD/ Chief Executive of the Company
- III. Location of local and Main Rescue Stations with their distance from the mine, phone & fax numbers
- IV. Location, Phone & fax nos. of the District Collector and Supdt. Of Police
- V. Nearest Airport and Railhead with their approximate distance to the mine
- VI. Date and time of disaster
- VII. Type of disaster with possible cause; as per the first information
- VIII. First estimate of casualties/ lives threatened due to disaster. Brief description of the mine with general geology, seams worked, means of entry, method of mining & production, manpower deployed below ground and above ground in each shift
- IX. Help required from the Ministry of Coal/ Central Government
- X. Help required from the State Government.

Place: CM/ CMD/ CEO/DM/DC

Phone No.: Date:

Fax No.: Time:

Mobile No.:

Email Address:

**INFORMATION
OF
ACTIVATION OF CONTROL ROOM**

- I. Address of control room
- II. Telephone number & Fax number
- III. Name of the Officials manning the control room

	Name	Designation	Phone number
06.00AM to 02.00PM			
02.00PM to 10.00PM			
10.00PM to 06.00AM			

ANNEXURE- III

CONTACT NUMBER OF
KEY OFFICIALS OF MINISTRY OF COAL, NEW DELHI

Sl. No.	Name of officer	Designation	Telephone No. <i>Office</i>	Fax No.	Telephone No. <i>Residence</i>	Email address
1.	Shri S.K.Srivastava	Secretary	23384884	23381678	26880988	secy.moc@nic.in
2.	Dr. A.K. Dubey	Addl.Secretary	23386710	23384893	24671788	as.moc@nic.in
3.	Smt. Sujata Prasad	Joint Secy. & Financial Advisor	23384211	23387528	26114142	jsfa.moc@nic.in
4.	Sri A. K. Bhalla	Joint Secy. (C)	23384224	23385652	24649386	jscoal.moc@nic.in
5.	Sri D. N. Prasad	Advisor (Projects)	23386347	23387738	26178364	advp.moc@nic.in
6.	Sri V. Peddanna	Director(Coord)	23384431	-	23382568	dirca.moc@nic.in
7.	Sri Hemant Jain	Director(Admin)	23388043	-	0124-2392376	diradmin.moc@nic.in

3.Training Plan:-

All personnel's including executives, supervisors and workers are parted training as per mines V.T. Rules 1966. A part from this few peoples are also given rescue training as per Mine Rescue Rule.

4.Resources Available to deal with the Disasters:-

RESCUE TRAINED PERSON OF BARKA SAYAL AREA,CCL

Sl.No,	Name	Designation	Unit	Mobile No.
1	Sri Bhola Bhandari	Asst.Manager	Birsa-OC	8987787386
2	Sri Bishwanath Sharma	E P H	Birsa-OC	9939144361
3.	Sri Bijay Kumar	Dy.Manager	Urimari-OC	9835366120
4.	Sri Vikash Mehta	Asstt.Manager	-do-	9470145779
5.	Sri K.P.Mishara	Sr.Officer(M)	-do-	9470360350
6,	Sri Ganesh Ram	Dumper Optr.	-do-	9835768128
7.	Sri.Amit Kumar Roy	Overman	-do-	8987614574
8.	SriRajesh Singh	Dumper Optr.	-do-	9431790476
9,	Sri M,P,Mehta	Mining Sirdar	-do-	8292695782
10.	Sri Pankaj Kumar	Overman	Urimari-UG	9934750559
11.	Sri Balraj Kr.Fuledia	Overman	-do-	9431923939
12	Sri Hashin Ansari	Mining Sirdar	-do-	9234393797
13	Sri Raj Kishor Yadav	Mining Sirdar	-do-	9162980914
14,	Sri Tobiyas Kujur	Driller	-do-	9031388813
15.	Sri Satish Kumar Singh	Trammer	-do-	9470367265
16.	Sri Jairam Yadav	Mech,Helper	-do-	9939114836
17.	Sri Ratiram Manjhi	Trammer	-do-	9955180589
18.	Sri Kuldip Kumar	Line Mistry	-do-	9934754294
19.	Sri Dinesh Bedia	PR	-do-	9631666862
20.	Sri Damras Ganjhu	TR	-do-	9931552312
21.	Sri Ajay Kr.Mishra	TR	-do-	7549173503
22.	Sri Ajmer Hussain	PR	-do-	9931343005
23.	Sri Jagarnath Mahto	TR	-do-	9835910580
24.	Sri Nanku Munda	PR	-do-	9631070424
25	Sri Ratan Lal	PR	-do-	9470132133
26.	Sri Jatan Manjhi	PR	-do-	8603827191
27.	Taqukbal; Hussain	Cat -1	-do-	9905511292
28.	Sri Partap Kumar Singh	Cat-1	-do-	9905511292
29.	Sri Devendra Kumar	Cat-1	-do-	9608081995
30.	Sr i Hirajeet Besra	Cat-1	-do-	7209601938
31.	Sri Niraj Kumar	Cat-1	-do-	7209261464
32,	Sri Binod Kumar Bhagat	Overman	-do-	80845027498

33.	Sri Manish Kr. Singh	Cat-1	-do-	9939144471
34.	Sri Vinarm Jain	ACM	-do--	9430786432
35.	Sri I D P Singh	Sr.Manager(M)	Uri-UG Rescue Team	9431160088
36.	Sri Bishwanath	PB	-do-	7631156596
37.	Sri Shankar Mahto	-do-	-do-	9931514817
38.	Sri Namdhari Pd.Mahto	-do-	-do-	9934152869
39.	Sri Aahok Kr.Bharti	-do-	-do-	9939447672
40.	Sri Devendra Kumar	-do-	-do-	9608081445
41.	Sri Srikant Gupta	DY.Surveyor	Central Saunda	9470361847
42.	Md. Moin	E/heper	-do-	9693424998
43.	Md.Sirajuddin	E/fitter	-do-	9431980170
44.	Sri S.P.Singh	Sr.Mnager(M)	BTTI bHURKUNDA	9470330832
45.	Sri R.D.Saini	Sr.Officer(M)	Bhurkunda-OC	8986864795
46.	Sri Madho Munda	Overman	Sayal-D	9534144297
47.	Sri Binod Kr.Singh	Overman	-do-	9431922596
48.	Sri Gopal Yadav	Mining Sirdar	-do-	9934102903
49.	Sri Anup Kumar	Mining Sirdar	-so-	9334467503
50.	Sri Shambhu Nath	Elec.Helper	-do-	9431589433
51.	Sri Shahnawaj Hussain	-do-	-do-	9693088228
52.	Sri Narayan Saw	Mining Sirdar	-do-	9576630537
53.	Sri Ashish Rm	-do-	-do-	9431988177
54.	Sri Jairam Sharma	Sr.Manager	Saunda-D	8987785300
55.	Sri Rakesh Kr.Behra	MT	-do-	9470534102
56.	Sri Shashi Ranjan Kumar	Jr.Overman	-do-	7250541985
57.	Sri Shakti Pd Parida	Jr.Overman	-do-	8987718933
58.	Sri Amit Kumar Roy	-do-	-do-	8084533933
59.	Sri Dudheshwar Mahto	-do-	-do-	9905746419
60.	Sri Kedar Mahto	Cat-V	-do-	9576853014
61.	Sri Ramdeo Munda	Cat-IV	-do-	8521440073
62.	Sri Birsra Oraon	-do-	-do-	9771848668
63.	Sri Ranjeet Ekka	PR	-do-	9955777795
64.	Sri Nabodh Kr.Pndey	Mining Sirdar	-do-	9955942437
65.	Sri T.P.Singh	Manager(M)	Bhurkunda-UG	9162916245
66.	Sri Anjani Kr.Singh	-do-	-do-	9934155954
67.	Sri Kailash Kumar	-do-	-do-	9934844874
68.	Sri Onkar Singh	MT(M)	-do-	8986787060
69.	Sri Jaiprakash Oraon	Cat-1	-do-	8969610250
70.	Sri Subhash Kumar	PR	-do-	9006205820
71.	Sri K.P.Mahto	MHelper	-do	na

MEDICAL FACILITIES OF BARKA SAYAL AREA

Unit/Project	Name of the Hospital/.Disp	No. of Beds	No. Of Doctors	No. of para medical staff	No. of Ambulance	Contact No.
Bhurkunda	AKC Hospital	35	04	15	03	A.M.O.-8987788559
	Lapanga Disp.	nil	nil	nil	nil	S.O.(P&A)-8987785261
	Riverside Disp.	nil	nil	02	nil	
Sayal-D	ARH Hospital	20	03	10	01	
Urimari-OC	Urimari Disp.	nil	01	02	01	
C/Saunda	Central Disp.	nil	nil	08	01	
Saunda-D	Saunda-DDisp.	nil	nil	02	01	
Hendegir	Hendegir Disp.	nil	nil	01	01	
Sayal-D	W.W.Patratu	nil	nil	01	nil	
GM Office	nil	nil	nil	nil	01 jeep	
Total	09	55	08	41	09	

LIST OF WATER TANKERS

Unit	No. of water tanker	Remarks	Incharge
1. Birsa project	1. 01(28 KL Departmental) 2. 01(12 KL contractual) 3. 02(12 KL contractual)	Sprinkling & fire fighting -do- Drinking	P.O., Birsa -8987785277
2. Urimari-OC	1. 02(28 KL Departmental) 2. 03(12 KL contractual) 3. 03(12KL Contractual)	Sprinkling & fire fighting -do- Drinking	PO,Urimari O/C No. - 8987785286
3. Bhurkunda	1. 01(28KL Departmental) 2. 02 (12KL Contractual) 3. 02(12KL contractual)	Sprinkling & fire fighting -do- Drinking	P.O.,Bhurkunda No.- 8987785264

LIST OF EMERGENCY EQUIPMENTS

FIRE FIGHTING EQUIPMENTS:-

About 200 portable fire extinguishers of different capacity for different class of fire are available to tackle the fire incidences.

RESCUE ROOM INCHARGE:- Sri I.D.P. Singh, Sr. Manager(Mining), Mob. No.-8987785283.

RESCUE APPARTUS:-

A. BREATHING APPARATUS

1. Short duration self contained breathing apparatus:-	02 Nos.
2. Lisa Sorb. :-	50 Nos.
3. B.G. 4 EP:-	15 Nos.
4. Battery for BG 4EP:-	21 Nos.

B. RESUSCITATING APPARATUS.

1. Resuscitating apparatus:-	02 Nos.
2. Spare cylinder:	04 Nos.
3. Oxylog	01 no.

C. TUBE APPARATUS.

1. Pressure type with bellows	Nil
2. Smoke Helmets:	Nil
3. Pressure type with fan	01 no.

D. ANCILLARY EQUIPMENTS.

1. Oxygen Cylinder:	02 Nos.
2. Oxygen pump (hand drive)	02 Nos.
3. Bobbin Motor:	Nil

E. SIREN POWER OPERATED (ONE SPARE) 02 Nos.

F. SIREN (HAND OPERATED) 01 No.

5.Mock Drill:-

Mock drill is conducted every six months to check the adequacy of the preparedness to deal with emergency.

6.Review Plans:-

Multistage enquiry / review are conducted statutorily for ascertaining the cause of accidents.

Staff Officer (Safety)

Barka-Sayal Area