

DISASTER MANAGEMENT PLAN IN RESPECT OF MINES
RESCUE STATION, RAMGARH

AVAILABLE RESOURCES AT MRS, RAMGARH

THE RECUE SERVICES AVAILABLE AT MRS, RAMGARH AND OTHER ASOCIATED RESCUE ROOMS IS FOR U/G MINES ONLY/ THE AVIALABLE RESOURCES ARE MENTIONED HERE UNDER; -

1. NON FIRE PROOF NON WATER PROOF SCBA (SELF CONTAINED BREATHING ASPPARATUS)
2. REVIVING APPARATUS FOR GAS AFFECTED PERSON
3. GAS MONITORING EQUIPMENTS
4. RESCUE SERVICES FOR U/G MINES IN CASE OF FIRE AND EXPLOSION
5. NO FIRE TENDER AT PRESENT (LIKELY TO BE PROVIDED IN NEAR FUTURE)
6. NO DIVERS AND ARRANGEMENTS TO DEAL WITH FLOOD AND INUNDATION AT PRESENT
7. NO ARRAGEMENTS FOR DEALING WITH BIG OPEN FIRES ON SURFACE.
8. FIRST AID ARRAGEMENTS
9. LIMITED RESCUE FACILITIES FOR DEALING IT ON SURFACE.
10. RESCUE TOOLS

.HOWEVER WE ARE ALWAYS PREPARED FOR RENDERING RESCUE SERVICES WITH FULL EFFORTS TO ANY SITUATION SUBLECT TO FACILITIES AVILABLE AT PRESENT.AT MRS RAMGARH.

CONTACT NOs. OF MINES RESCUE STATION, RAMGARH:-

Sl.No	Name	Designation	Office	Residence	Mobile
01.	Sri B.B.Sood	General Manager(RS)	06553-224442	06553-224435	8987784887
02.	Sri V.S.Ojha	G.M.(Mining)	06553-224442	9570087955	8987784892
03.	Srio Niranjan Singh	Superintendent	06553-222082	06553-222220	8987784889
04.	Sri K.N.P.Singh	Instructor	06553-222082	06553-221102	8987784832
05.	Sri R.T.Barla	Instructor	06553-222082	9470953037	8987784894
06.	Sri S.K.Dubey	Instructor	06553-222082	9431101021	8987784895
07.	Wireless Operator/Control room		06553-222082		8987784899

EMERGENCY ORGANISATION AT MINES RESCUE STATION, RAMGARH**DUTIES OF PERMANENT BRIGADE/WIRELESS OPERATOR ON DUTY**

Wherever they receive emergency call either on telephone wireless or by special messenger.

1. They will operate siren for 3 times, each of longer duration.
2. Permanent Brigade on duty will inform to Supdt. of Rescue Station either on telephone or personally.
3. Wireless Operator will be on wireless/telephone to receive further messages and P.B. members on duty will ensure that all required apparatus, equipments, etc. are kept in emergency van in ready.
4. P.B. on duty will record details of emergency call in bond paged book kept for the purpose.
5. P.B./W.O. on duty will record following details clearly:
 - (i) Name of Colliery/Mine.
 - (ii) Place of emergency.
 - (iii) Nature of emergency.
 - (iv) Message sender's name & designation.
6. Wireless Operator/P.B. will maintain records of persons sent to deal emergency from Rescue Station & departure time of Rescue Van

DUTIES OF PERMANENT BRIGADE MEMBERS (P.B. MEMBER)

1. They will reach in office within least possible time but in no case after 5 minutes of siren sound.
2. All P.B. members will observe the rescue Rules.
3. They will keep all required apparatus, equipments, pump, washing device, dettol other testing instruments, fire extinguishers etc. in Rescue Van in addition to the equipments already kept in readiness in the emergency van, if required.

DUTIES AND RESPONSIBILITY OF CAPTAIN

1. Captain is responsible to see that all P.Bs have kept all required apparatus, instruments, pump, washing device, dettol, soap, birds etc. on proper number inside the ready Rescue Van.

DUTIES & RESPONSIBILITY OF INSTRUCTORS

1. They will ensure that all required apparatus and instruments mentioned above are kept in Rescue Van
2. They will ensure that all records, register, PR card, Carbon, letter pad etc. are kept in Rescue van as required.
3. They will also see that in sampling bottles & sampling devices are kept in van and see in good working condition.
4. They will see that details and up to date list of Rescue trained persons are kept in Rescue van.
5. An Instructor will be on duty for recording the enrolment of names of active rescue trained persons coming from different Collieries during major emergencies. Another Instructor will record in Captain's report & other details in the prescribed record book.

DUTIES OF DY.SUPDT.(RESCUE)

1. He will assist the Rescue Superintendent for the jobs mentioned below as for Statute.
2. In absence of Supdt. he will act as Supdt. of Rescue Station.

DUTIES OF SUPDT. (RESCUE)

1. Just after receiving message, he will inform to General Manager (Rescue Services) about the facts of the occurrence.
2. He will decide that how many emergency personnel to go for emergency work
3. He will ensure that apparatus & equipments kept in rescue Van are sufficient to deal the emergency.
4. He will see that within least possible time Rescue Van should move for emergency but in no case it should exceed 5 minutes.
5. Establish a Control Room, properly manned at the Rescue Station
6. He will arrange to prepare roster duty for other shifts of Rescue Station as well as mines where occurrence takes place.
7. He will ensure that all activities of rescue Station as well as of emergency place (Mine) are being performed as per norms of rescue Rule.

Contd...4/page

DUTIES OF CONTROL ROOM INCHARGE

1. He will record exact time of departure of the Rescue Van
2. He will record details of emergency personnel who left for emergency.
3. He will telephone or wireless to concerned effected mines regarding departure of vehicle & contact for any help the mine required from MRS.
4. He will record details of emergency in record book kept for the purpose.

EMERGENCY ORGANISATION AT EFFECTED MINE DUTIES OF PERMENENT BRIGADE.

1. He will act as per Rescue Rule 15.
2. They will discharge their duty as assigned by Captain& Instructor for assembly of apparatus dismantling, pumping, washing, up keeping the breathing apparatus, Reviving apparatus etc.

DUTIES OF CAPTAIN

1. He will obey the Rescue Rule 15 of 1985..
- 2..He will obey the order of Instructor & Supdt.
3. He will be in charge of emergency van and will see that all apparatus are in good working condition before sending it to U/G.
4. He will ensure that all P.Bs under him are performing their duty as per statute and instruction given by superior in as situation warrants.
5. If it is required by mine management of Supdt. that P.B. is required to go U/G with breathing apparatus, he will participate in team.
6. He will ensure that all apparatus & equipments are kept in van in proper safe condition.
7. He will see that persons deployed in pumping, washing apparatus assembly, dismantling have performed their duty in proper manner.

DUTIES OF INSTRUCTOR AT MINE

2. He will distribute the duties & responsibilities of all P.Bs. keeping in view the instructions of mine management & supdt.
3. He will record the registration of all teams reporting for emergency duty.
4. He will fill-up all statutory register.
5. He will give necessary instruction to all members of team before leaving the FAB as per Rescue rule.
6. He will be In charge of FAB.

Contd...5/page

7. He will check personally to all gas testing instrument, sampling device & apparatus correctness.
8. He will perform duty as per rule No.13.

DUTIES OF RESCUE SUPDT. AT MINE.

1. He will see that all emergency personnel have started their duty as per statute & emergency organization.
2. He will submit prepared Performa to mine management regarding team arrival at the mine.
3. He will participate in discussion about emergency with mine management.
4. He will allow team to go U/G as per written instruction of mine management.
5. In the event of emergency at a below mines, superintendent shall perform such Rescue & Recovery as may be assigned to him by the Manager or in his absence by the principal official present at the surface. He shall within three days or completion of Rescue or Recovery work send a report thereof to the DMS or the DGMS (Rule 12(7) of 1985).
6. All Rescue and Recovery work at a below ground mines shall be conducted under the control, direction and supervision of the Manager of the mine or in his absence the principal official present at the surface.
Provided that in the event of a major emergency such as ignition, explosion, big U/G fire or an accident involving a number of persons, the Manager or the principal official shall in taking decision regarding rescue & Recovery organization take guidance from group consisting of a senior officers of the management and representative each from the Director General of Mines safety, concerned Rescue Station and recognized Union of the Workers, so however that he must take necessary decision and direct the operation as the situation warrant, without waiting for the constitution or deliberation of the said group(Rescue Rule (2) 24 of 1985)
7. Inform to Rescue Station regarding facts and helps required from Rescue Station.

(Niranjan Singh)
Sr.Manager (Mining)/Supdt.(RS)
MRS, Ramgarh.

**DETAILS OF APPARATUS/EQUIPMENTS PROVIDED & MAINTAINED AT MRS
RAMGARH, RRRTs & RESCUE ROOMS AS PER SHEDULE I & II OF M.R.RULE
1985 UNDER RULE ,11 (i) & (ii). for the year -2014**

Sl. No.	APPARATUS	M.R.S. RAMGARH	RRRT KATHARA	RRRT CHURI	RR DHORI	RR KEDLA	RR URIMARI
	BREATHING APPARATUS						
1	DRAGER –BG-174	127	15	30	--	--	--
	DRAGER – BG-4	70	30	30	15	15	15
2	TRAVOX – 120	12	02	02	02	02	02
3	Absorbent Charges(in 2kgs) packs) as on 31.12.09	460	50	88	50	50	50
	REVIVING APP.						
a	MAXAMAN	12	04	05	03	02	02
b	. OXYLOG	-	-	-		01	01
c	.Oxylator FR-300	04		01			
d	. SPARE CYLINDER	08	03	04	03	03	03
	TUBE APPARATUS						
a	Pressure type with bellow	03	01	01	-	-	-
b	. Pressure type with fan	01	01	01	01	01	01
c	. Spare helmet	08	01	01	02	02	02
6	Mother oxygen cylinder	15	06	03	03	03	03
7	Oxygen pump, Manual	04	02	02	02	02	02
8	Oxygen pump, Power	02	01	01	NR	NR	NR
9	Universal tester	02	01	01	01	01	01
10	Apparatus testing tool kit	08	03	30	02	02	02
11	Pressure gauge testing device	02	01	01	01	01	01
12	Oxygen testing apparatus	01	01	01	01	01	01
13	Flame safety lamp	10	04	09	04	04	02
14	Cap lamp with Belt	60	20	20	20	20	20
15	Charging rack	01	01	01	01	01	01
16	Methanometer with battery charger	04	02	02	02	02	02
17	CO- Detector	03	02	01	01	02	01
18	CO – Tubes	-	-	-	-	-	-
19	Multi gas detector	03	01	01	01	01	01
20	Anemometer	01	01	01	NR	NR	NR
21	Velometer	01	NR	NR	NR	NR	NR
22	Clinical thermometer	02	01	01	01	01	01

23	Hygrometer	02	01	01	01	01	01
24	Genophone	02	01	01	Under -	Procurement	-Process
25	Safety Helmet	60	20	20	20	20	20
26	Safety Belt	06	03	04	02	02	02
27	First Aid Box	10	04	04	04	04	04
28	Blankets	15	10	06	04	04	04
29	Folding stretcher	12	04	04	04	04	04
30	Self rescuer	40	04	14			
31	FIRE EXTIGUSHER						
a	CO ₂ type Fire Extinguisher	03	07	02	03	02	-
b	Foam type Fire Extinguisher	07	14	02	02	02	02
c	Foam Charges	50 P	20 P	20 P	20 P	20 P	20 P
d	DCP type Fire Extinguisher	37	26	05	05	06	08
32	Stop Watches	03	02	01	01	01	01
33	Rain Gauge	01	01	01	01	01	01
34	Life Line	01 Roll	01 Roll	02 Roll	01 Roll	01 Roll	01 Roll
35	Guide Line	1000 mtr	1000 mtr	1000 mtr	1000 mtr	1000 mtr	1000 mtr
36	Sampling Tubes	10	05	-	05	-	05
37	Sampling Bottle	10	02	03	02	03	02
38	Siren, Hand Operated	01	01	01	01	01	01
39	Siren, Power Operated	01	01	01	-	-	01
40	Barometer	01	01	01	-	01	-
41	VHF Sets	02	01	01	01	01	01
42	Rescue Van	02	01	01	-	-	-
43	Station wagon	02	-	01	-	-	01
44	Additional equipment as per DGMS Circular						
i	Fire protection suit	02	-	-	-	-	-
ii	Concrete cutter	01	-	-	-	-	-
iii	Hydraulic Rescue Tools (including spreader, cutters, lifting bags, rams, hydraulic jacks etc)	01 (set)	01(set)	01(set)	-	-	-

○ **List of Permanent Brigade & Rescue Trained Persons posted at Rescue Station, RRRTs &RRs**

Sl. No.	Unit	Permanent Brigade	Executive	Total
01	Mines Rescue Station, Ramgarh	16	04	20
02	RRRT, Kathara	05	01	06
03	RRRT Churi	07	02	09
04	RR Urimari	05	01	06
05	RR Kedla	02	02	04
06	RR Dhorri	03	01	04
Total		38	11	49

**STATUS OF RESCUE TRAINED PERSONS AVAILABLE FOR UNDER GROUND MINES IN
CCL AS ON 01/06/2014**

SI No	AREA	NAME OF COLLIERY/UNIT	U/G MANPOWER	REQUIRED RTP AS PER STATUTE	STATUS OF RTP AS ON 01/06/2014
1	ARGADA	ARGADA COLLIERY	423	05	04
2		SIRKA COLLIERY	206	05	05
3	BARKA-SAYAL	BHURKUNDA COLLIERY	897	09	09
4		SOUNDA 'D' COLLIERY	501	06	10
5		C// SOUNDA COLLIERY (pumping)	141	05	03
6		SAYAL 'D' COLLIERY	650	07	08
7		URIMARI U/G	501	06	26
8	KUJU	KUJU COLLIERY	357	05	11
9		TOPA COLLIERY	456	05	06
10		SARUBERA COLLIERY	452	05	06
11	HAZIRIBAG	KEDLA U/G PROJECT	749	08	08
12	N. K	CHURI CILLIERY	380	05	08
13	PI PARWAR	RAY BACHRA COLLIERY	430	05	11
14	KATHARA	SAWANG COLLIERY	488	05	10
15		GOVIND PUR COLLIERY	595	06	09
16		JARANGDIH COLLIERY	661	07	10
17	B & K	BSI U/G	215	05	09
18		KSP II U/G	216	05	05
19	DHORI	DHORI KHAS	627	07	10
		TOTAL (IN U/G MINES)		111	168