

**GOVERNMENT OF INDIA
MINISTRY OF COAL
RAJYA SABHA
UNSTARRED QUESTION NO. 679
ANSWERED ON 29.07.2024**

Loss of lives in coal mines

679. Shri C. Ve. Shanmugam:

Will the Minister of Coal be pleased to state:

- (a) whether Government is aware that people lose their lives while working in coal mines;
- (b) if so, the details thereof, of the casualties during the last four years, year-wise, coal-mine-wise;
- (c) the details of the compensation paid to the families of deceased during the said period;
- (d) whether action had been contemplated against officials in case of negligence, if any;
- (e) if so, the details thereof; and
- (f) steps taken by Government to prevent recurrence of such accidents in future?

**ANSWER
MINISTER OF COAL AND MINES
(SHRI G. KISHAN REDDY)**

(a) & (b): Government is aware that people lose their life while working in coal mines. Government is making all efforts to achieve zero accident in coal mines. However, despite undertaking necessary safety measures, accidents happen in coal mines, like in any other sector. The details of the casualties year-wise and coal mine-wise during the last four years (2020-2023) is at **Annexure**.

(c): Details of compensation paid during the last four years from 2020 to 2023 by CIL, SCCL & NLCIL to the next of kin of deceased employees, who died in any mine accident arising out of and in course of employment, as per the Employees Compensation Act- 1923 (Principal Act amended as on date) are as follows:

Sl No.	Year	Compensation paid (Rs.)
1.	2020	4,72,41,216
2.	2021	4,93,80,369
3.	2022	3,18,87,127
4.	2023	3,85,20,396
Total		16,70,29,108

(d) & (e): All fatal accident cases were enquired to ascertain the causes and circumstances leading to these mine accidents. The law enforcing agency/regulatory authority under the Mines Act, 1952 i.e. the Directorate General of Mine Safety (DGMS) conducted the statutory inquiry to find out the causes and circumstances leading to those mine accidents and to suggest the corrective measures required to be taken to prevent a recurrence. Further, all fatal and serious accidents were also inquired by the Mine Manager or any Assistant Manager authorized by the Mine Manager under reg. 42(10) of Coal Mines Regulations (CMR, 2017) and by the Safety Officer of the respective mine under Reg. 44(1c) of CMR, 2017.

The details of action taken for the accidents in coal mines during the last four years (2020-2023) are as follows:

Action Taken	2020	2021	2022	2023	No. of cases
Prosecution	38	28	19	10	95
Suspension	18	22	4	12	56
Increment withheld	38	34	26	28	126
Removed from service	10	11	6	14	41
Removed from statutory post	1	0	0	0	1
Demotion	5	4	5	3	17
Censured	20	7	13	10	50
Promotion withheld	1	0	4	1	6
Warned by Management	29	35	18	25	107
Grand Total					499

(f): Coal Mines are governed by the Mines Act, 1952 and rules and regulations framed thereunder. Mines Act, 1952 is administered by DGMS by way of development of suitable legislation, rules, regulations, standard and guidelines, inspections, investigation of accidents, awareness activities, formulating risk management plans.

Apart from compliance of the statutory provisions made under the Mines Act, 1952, the Mines Rules- 1955, the Coal Mine Regulations 2017 and Bye-laws & Standing Order framed thereunder, the following steps are being taken to reduce occurrence of such accidents in mines-

1. Preparation and implementation of Site Specific Risk Assessment based Safety Management Plans (SMPs).
2. Preparation and implementation of Principal Hazards Management Plans (PHMPs).
3. Formulation and compliance of Site-specific Risk Assessment based Standard Operating Procedures (SOPs).
4. Conducting Safety Audit of mines through multi-disciplinary Safety Audit teams.
5. Adoption of the state-of-the art mechanism for Strata Management.
6. Monitoring of mine environment.
7. Specific Safety measures for OC mines:
 - Use of eco-friendly Surface Miners for blast free safe mining.
 - Formulation and implementation of Mine-specific Traffic Rules.
 - Training on Simulators to HEMM operators.
 - Dumpers fitted with Proximity Warning Devices, Rear view mirrors and camera, Audio-Visual Alarm (AVA), Automatic Fire Detection & Suppression system etc.
 - Ergonomically designed seats & AC Cabins for operators' comfort.
 - GPS based Operator Independent Truck Dispatch System (OITDS) and Geo- fencing in some large OCPs for tracking movement of HEMMs inside OC mine.
 - Lighting arrangement using high mast towers for increasing level of illumination.
8. Training on Mine Safety:
 - Initial and Refresher training & On-the-Job Training as per statute.
 - Training on Simulators to HEMM operators.
 - Skill up-gradation of frontline mine officials on continual basis on various topics.
 - Sensitization of all employees including Members of Safety Committees and contractual workmen on regular basis.
 - Various training programme for enhancement of knowledge of mine executives.

- Training on Risk Management by SIMTARS accredited executives.
9. Mine Safety Inspection:
- Round-the-clock Supervision of all mining operations by adequate number of competent & statutory Supervisors and mine Officials.
 - Regular Inspection by Workmen Inspectors appointed in each mine.
 - Surprise back shift mine Inspections by mine and area level officials.
 - Regular mine Inspection by officials of Internal Safety Organization.
 - Periodic mine Inspections by senior officials.

Details of Fatal Accidents Occurred during (2020 to 2023) coal mines-wise-

YEAR	Name Of The Coal Mine	OWNER	Date of accident	Killed
2020	Sodepur	Eastern Coalfields Ltd.	11-01-20	1
2020	Bonjamehari	Eastern Coalfields Ltd.	22-01-20	1
2020	Amalgamated Ramakrishnapur Ocp	SCCL.	24-01-20	1
2020	Jampalli O/C Mine	South Eastern Coalfields Ltd.	13-02-20	1
2020	Chapuikhas	Eastern Coalfields Ltd.	24-02-20	1
2020	Lingaraj Ocp	Mahanadi Coalfields Ltd.	21-03-20	1
2020	New Kenda	Eastern Coalfields Ltd.	25-03-20	1
2020	Kalyani Khani Ocp	SCCL.	05-04-20	1
2020	Godavari Khani No.11 Incline Mine	SCCL.	07-04-20	1
2020	Lakhanpur Open-Cast	Mahanadi Coalfields Ltd.	30-04-20	1
2020	Adriyala Longwall Project	SCCL.	30-04-20	1
2020	Kusmunda Ocp	South Eastern Coalfields Ltd.	02-05-20	1
2020	Ananta O/C	Mahanadi Coalfields Ltd.	03-05-20	1
2020	Hingula Opencast Mine	Mahanadi Coalfields Ltd.	05-05-20	1
2020	Amalgamated Amlo-Dhori Ocm	Central Coalfields Ltd.	12-05-20	1
2020	Chasnalla	Indian Iron & Steel Company Ltd.	22-05-20	1
2020	Makardhokra Mine No.I	Western Coalfields Ltd.	22-05-20	1
2020	Parascole West	Eastern Coalfields Ltd.	25-05-20	1
2020	Rocp/South Jharia	Bharat Coking Coal Ltd.	29-05-20	1
2020	Churcha	South Eastern Coalfields Ltd.	30-05-20	1
2020	Ramagundam Oc-I	SCCL.	02-06-20	4
2020	Mahakali	Western Coalfields Ltd.	18-06-20	1
2020	Kurasia Colliery	South Eastern Coalfields Ltd.	24-06-20	1
2020	Indaram Khani No.1a Mine	SCCL.	05-07-20	1
2020	Ramagundam Oc-II	SCCL.	06-07-20	1
2020	Block "B" Project	Northern Coalfields Ltd.	13-07-20	1
2020	Dudhichua Project	Northern Coalfields Ltd.	20-07-20	1
2020	Moonidih Project	Bharat Coking Coal Ltd.	21-07-20	1
2020	Kusmunda Ocp	South Eastern Coalfields Ltd.	23-07-20	1
2020	Gevra Project	South Eastern Coalfields Ltd.	30-07-20	1
2020	Nandira	Mahanadi Coalfields Ltd.	20-08-20	1
2020	Ravindra Khani No.5	SCCL.	02-09-20	1
2020	Jampalli O/C Mine	South Eastern Coalfields Ltd.	14-09-20	1
2020	Tawa	Western Coalfields Ltd.	15-10-20	1
2020	Gevra Project	South Eastern Coalfields Ltd.	15-10-20	1
2020	Bhatadi O.C	Western Coalfields Ltd.	18-10-20	1
2020	Parascole East	Eastern Coalfields Ltd.	27-10-20	1

2020	Vakilpalli	SCCL.	29-10-20	1
2020	Ena	Bharat Coking Coal Ltd.	05-11-20	1
2020	Moher & Moher Amlohri Extension Ocp	M/S SASAN POWER LTD.	14-11-20	2
2020	Churcha	South Eastern Coalfields Ltd.	21-11-20	1
2020	Chhaal Open Cast	South Eastern Coalfields Ltd.	30-11-20	1
2020	Gevra Project	South Eastern Coalfields Ltd.	02-12-20	1
2020	Ukni O.C	Western Coalfields Ltd.	02-12-20	1
2020	Khoodia	Eastern Coalfields Ltd.	08-12-20	2
2020	Rocp/South Jharia	Bharat Coking Coal Ltd.	19-12-20	1
2020	Rajrappa Project	Central Coalfields Ltd.	19-12-20	1
2020	Dipka Mine No.Ia	South Eastern Coalfields Ltd.	20-12-20	1
2021	Bhowra(South)	Bharat Coking Coal Ltd.	13-01-21	1
2021	Penganga Oc Mine	Western Coalfields Ltd.	05-02-21	1
2021	Nichitpur	Bharat Coking Coal Ltd.	13-02-21	1
2021	Sasti Oc	Western Coalfields Ltd.	16-02-21	1
2021	Moonidih Project	Bharat Coking Coal Ltd.	23-02-21	2
2021	Chora 7 & 9 Pit Colliery	Eastern Coalfields Ltd.	01-03-21	1
2021	Dipka Mine No.Ia	South Eastern Coalfields Ltd.	04-03-21	1
2021	Sial Ghogri Coal Mine	M/S RCCPL PVT. LTD.	05-03-21	1
2021	Mic Jhanjhra Project	Eastern Coalfields Ltd.	08-03-21	1
2021	Topa Oc	Central Coalfields Ltd.	15-03-21	1
2021	Vindhya Project	South Eastern Coalfields Ltd.	17-03-21	1
2021	Narsamoda	Eastern Coalfields Ltd.	20-03-21	1
2021	West Bokaro O/C(Quarry SE)	Tata Iron & Steel Co. Ltd.	27-03-21	1
2021	Ananta O/C	Mahanadi Coalfields Ltd.	02-04-21	1
2021	Pauni O.C	Western Coalfields Ltd.	03-04-21	1
2021	Dudhichua Project	Northern Coalfields Ltd.	06-04-21	1
2021	Kakatiya Khani No.6 Incline	SCCL.	07-04-21	2
2021	Dhelwadih Project	South Eastern Coalfields Ltd.	15-04-21	1
2021	Bina Project	Northern Coalfields Ltd.	21-04-21	1
2021	Tawa - II Mine	Western Coalfields Ltd.	19-05-21	1
2021	Manuguru Opencast Mine	SCCL.	03-06-21	1
2021	Sonepur Bazari Proj. (Kumarkhala O.C.P)	Eastern Coalfields Ltd.	23-06-21	2
2021	Churcha	South Eastern Coalfields Ltd.	04-07-21	1
2021	Jagannath	Mahanadi Coalfields Ltd.	16-07-21	1
2021	Nimcha (R)	Eastern Coalfields Ltd.	31-07-21	1
2021	Dhemomain Pit	Eastern Coalfields Ltd.	16-08-21	1
2021	Prakasham Khani Opencast Mine	SCCL.	18-08-21	3
2021	Chora Block Incline	Eastern Coalfields Ltd.	22-08-21	1
2021	Bokaro	Central Coalfields Ltd.	28-08-21	1

2021	Sonepur Bazari Proj.(Kumarkhala O.C.P)	Eastern Coalfields Ltd.	19-09-21	1
2021	Pakri Barwadih Coal Mining Project	NTPC LTD.	19-09-21	1
2021	Gangaramchak & Gangaramchak Bhadulia	WEST BENGAL POWER DEVELOPMENT CORP. LTD.	05-10-21	1
2021	Amlohri Ocp	Northern Coalfields Ltd.	20-10-21	1
2021	Penganga Oc Mine	Western Coalfields Ltd.	29-10-21	1
2021	Srirampur No.3 & 3 A	SCCL.	10-11-21	4
2021	Kalyani Khani Ocp	SCCL.	19-11-21	1
2021	Surakachar 3&4	South Eastern Coalfields Ltd.	28-11-21	1
2021	Ramagundam Oc-Ii	SCCL.	01-12-21	1
2021	Mohan	Western Coalfields Ltd.	02-12-21	1
2021	Ramagundam Oc-I	SCCL.	22-12-21	1
2021	Churcha	South Eastern Coalfields Ltd.	26-12-21	1
2021	Rajnagar R.O.	South Eastern Coalfields Ltd.	30-12-21	1
2021	New Kenda	Eastern Coalfields Ltd.	31-12-21	1
2022	Jayant	Northern Coalfields Ltd.	13-01-22	1
2022	Urimari Project	Central Coalfields Ltd.	15-02-22	1
2022	Jaykaynagar	Eastern Coalfields Ltd.	17-02-22	1
2022	Rocp/South Jharia	Bharat Coking Coal Ltd.	20-02-22	1
2022	Ashok Opencast Project	Central Coalfields Ltd.	25-02-22	1
2022	Adriyala Longwall Project	SCCL.	07-03-22	3
2022	Tadicherla-I Coal Block Oc Mine	TSPGC LTD.	21-04-22	1
2022	Bartarai	South Eastern Coalfields Ltd.	07-05-22	1
2022	Tawa	Western Coalfields Ltd.	13-05-22	2
2022	Rk Ocp Mine	SCCL.	18-06-22	1
2022	Selected Dhori Qry.No.1 (Kalyani Proj.)	Central Coalfields Ltd.	24-06-22	1
2022	Rajgamar 4&5	South Eastern Coalfields Ltd.	05-07-22	1
2022	Amadand Open Cast Mine	South Eastern Coalfields Ltd.	30-07-22	1
2022	Bhowra(South)	Bharat Coking Coal Ltd.	11-08-22	2
2022	Srirampur No.1	SCCL.	08-09-22	1
2022	Satgram Incline	Eastern Coalfields Ltd.	18-09-22	1
2022	Dipka Mine No.Ia	South Eastern Coalfields Ltd.	29-09-22	1
2022	Kusmunda Ocp	South Eastern Coalfields Ltd.	08-10-22	1
2022	Kalyan Khani No.1	SCCL.	06-11-22	1
2022	Kurja Ug Project	South Eastern Coalfields Ltd.	16-11-22	1
2022	Nichitpur	Bharat Coking Coal Ltd.	19-11-22	1
2022	Dipka Mine No.Ia	South Eastern Coalfields Ltd.	27-11-22	1

2022	Bangwar U/G Project	South Eastern Coalfields Ltd.	30-11-22	1
2022	Amalgamated Dhansar Industry Colliery	Bharat Coking Coal Ltd.	31-12-22	1
2023	Koyagudem oc mine	SCCL	12-01-23	1
2023	Gourangdi (A) colliery	Eastern Coalfields Ltd.	17-01-23	1
2023	Kolar Pimpri oc	Western Coalfields Ltd.	19-01-23	1
2023	West Bokaro O/C (Quarry A&B)	Tata Iron & Steel Co. Ltd.	21-01-23	1
2023	Ramagundam OC-I	SCCL	04-02-23	1
2023	Garjanbahal OCP mine	Mahanadi Coalfields Ltd.	11-04-23	1
2023	Bharatpur Oc	Mahanadi Coalfields Ltd.	14-03-23	1
2023	Sendra Bansjora Oc	Bharat Coking Coal Ltd.	21-03-23	1
2023	Garjanbahal OCP mine	Mahanadi Coalfields Ltd.	11-04-23	3
2023	Bhowra (S) Colliery	Bharat Coking Coal Ltd.	17-04-23	1
2023	Jayant OCP mine	Northern Coalfields Ltd.	17-04-23	1
2023	Churcha mine	South Eastern Coalfields Ltd.	23-04-23	1
2023	Dhoptala OC	Western Coalfields Ltd.	10-05-23	1
2023	Ena Colliery	Bharat Coking Coal Ltd.	20-05-23	1
2023	Dudhichua Project	Northern Coalfields Ltd.	22-05-23	1
2023	Nimcha (R)	Eastern Coalfields Ltd.	01-06-23	1
2023	Neyveli No 1	NLCIL	01-06-23	1
2023	Khas Mahal Project	Central Coalfields Ltd.	25-06-23	1
2023	Integrated Baranj OC mine	Karnataka Power Corp. Ltd.	02-07-23	1
2023	Tilaboni Colliery	Eastern Coalfields Ltd.	09-07-23	1
2023	Lingaraj Oc	Mahanadi Coalfields Ltd.	18-07-23	1
2023	Lakhanpur Oc	Mahanadi Coalfields Ltd.	24-07-23	1
2023	Adriyala Longwall Project	SCCL	25-07-23	1
2023	Amadand OC mine	South Eastern Coalfields Ltd.	06-08-23	1
2023	Kujama colliery	Bharat Coking Coal Ltd.	15-08-23	2
2023	Godavari Khani No. 11 A	SCCL	17-08-23	1
2023	Ramagundam OC-III	SCCL	28-08-23	1
2023	Amalgamted Muraidih Phularitand coll.	Bharat Coking Coal Ltd.	13-09-23	1
2023	Sawang O/C	Central Coalfields Ltd.	01-10-23	1
2023	Jhanjra Project Colliery	Eastern Coalfields Ltd.	09-10-23	1
2023	Jagannath	Mahanadi Coalfields Ltd.	11-10-23	1
2023	Block "B" Project	Northern Coalfields Ltd.	13-10-23	1
2023	Gevra Project	South Eastern Coalfields Ltd.	14-10-23	1
2023	Bahula Colliery	Eastern Coalfields Ltd.	19-10-23	1
2023	Topa RO OCP (A) mine	Central Coalfields Ltd.	27-10-23	1
2023	Gevra Project	South Eastern Coalfields Ltd.	27-11-23	1
2023	Bhowra (South)	Bharat Coking Coal Ltd.	25-12-23	1