

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 1269
ANSWERED ON 11.02.2022

ACCIDENTS IN PSUs

1269. SHRI M. SHANMUGAM:

Will the Minister of **Heavy Industries** be pleased to state:

- (a) the number of accidents which occurred in the Public Sector Undertakings (PSUs) in the last three years, the details thereof;
- (b) whether any compensation was paid to the nearest kith of workers died, grievously injured, including providing employment, the details thereof;
- (c) the action taken to fix responsibility against officers for the negligence of the safety measures; and
- (d) the steps taken to ensure that such accidents do not recur in future?

ANSWER

THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a) to (d): Details, as reported by the Central Public Sector Enterprises (CPSEs) under this Ministry, is annexed.

ANNEXURE

Reply in respect of part (a) and (b):

Name of CPSE	Year	No. of Accidents	No. of workers died	No. of workers grievously injured	Details	Compensation Paid for died workers	Compensation Paid for injured workers
Andrew Yule & Co. Ltd.	2018-19	---	---	---		---	---
	2019-20	---	---	---		---	---
	2020-21	01	---	---	An accident of a workman was reported who fell down from Tea Factory shed height while cleaning.	---	After the incident of the accident, the expenditure for medical treatment was completely borne by the Company and the incumbent was paid his full salary & other benefits during his absence in duty.
	2021-22	---	---	---	---	---	---
Bharat Heavy Electricals Ltd.	2018-19	96	02	---	<ul style="list-style-type: none">• Factory location: Bhopal• Date: 25.04.2018• Type of worker: Contract worker• Incident Brief: Person suffered burn injuries on his body due to hot oil splash after flash in a transformer, and he succumbed due to his injuries. (Contract worker death.) <ul style="list-style-type: none">• Factory location: Ranipet• Date: 23.01.2019• Type of worker: Contract worker• Incident Brief: An ox cart which had come to collect some material started running uncontrollably and collided with	<ul style="list-style-type: none">• Incident-1 (at Bhopal): Rs. 5 Lakh paid to the family.• Incident-2 (at Ranipet): Rs.3.4 Lakh paid to the kith of the deceased through contractor (outsourcing vendor), and an additional amount of approx. Rs. 1.5 Lakh through charity by BHEL personnel.	---

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					a stationary vehicle, and wherein the ox cart rider suffered head injury and he died. (Contract worker death.)		
	2019-20	41	01	---	<ul style="list-style-type: none"> • Factory location: Jhansi • Date: 19.09.2019 • Type of worker: Contract worker • Incident Brief: While coming down from height after taking measurement of rooftop works, the contract worker slipped accidentally, and he succumbed due to his injuries. (Contract worker death.) 	Incident-1 (at Jhansi): Lump sum amount of Rs. 5 Lakh, and Rs. 15,000/- for funeral expenses was paid. Also a monthly pension of Rs. 3,404/- was started to the victim's parents through Employees' State Insurance Corporation.	---
	2020-21	34	00	---	---	---	---
	2021-22	35	02	02	<p>Incident-1 :</p> <p>Factory location: Jagdishpur Date: 17.04.2021 Type of worker: Contract worker Incident Brief: A pendent operated crane in the factory shop was being shifted without any load when the crane hook with sling suddenly got entangled with the upper portion of vertical beam and the whole vertical beam toppled on the contract worker resulting in his death. (Contract worker death.)</p> <p>Incident-2 :</p> <p>Factory location: Ranipet Date: 22.10.2021 Type of worker: Contract worker</p>	<p>Incident-1 (at Jagdishpur) : The family of the deceased has received all the due as per Provident Fund and Employee State Insurance Act. His family is receiving pension as per following detail:</p> <ol style="list-style-type: none"> 1. Employee State Insurance (ESI): Rs. 12,400/- per month (Wife) 2. Provident Fund: Rs. 2,500/- per month (Wife) 3. Provident Fund: Rs. 1,250/- per month (Children) <p>In addition, his wife is employed by the concerned contractor, and monetary aid of Rs. 3 Lakh also provided.</p> <p>Incident-2 (at Ranipet):</p>	<p>Incident-3 (at Haridwar) : The concerned employer (contractor) ensured treatment of the affected contract labour. The salary of the affected worker during the leave period has been paid by the contractor, and he joined his duties.</p> <p>Incident-4 (at Haridwar) : The concerned employer (contractor) ensured treatment of the affected contract labour. The salary of the affected worker during the leave period has been paid by the contractor,</p>

Name of CPSE	Year	No. of Accidents	No. of workers died	No. of workers grievously injured	Details	Compensation Paid for died workers	Compensation Paid for injured workers
					<p>Incident Brief: The accident victim along with another rigger was engaged in preparing bundle of heavy steel sheets for loading onto a tractor trailer, when the victim in a hurry unbundled the pack by cutting the steel strips of the pack which was stacked at the height of approx. 1.5 meters from the ground level. While both riggers were trying to position the lifting tackles by standing on the loose stack of sheets, the sheets began to slide, due to which the accident victim slipped and fell down on the floor due to loss of balance, and the sheets from the loose bundle fell on him, resulting in the accident victim getting multiple injuries and he succumbed to his injuries. (Contract worker death.)</p> <p>Incident-3 :</p> <p>Factory location: Haridwar Date: 14.06.2021 Type of worker: Contract worker Incident Brief: The contract worker was routinely cleaning a sand mixer. The sand in contact with resin became hard and got stuck with the blade of vertical mixture. An iron rod was used to clean the hardened sand. While cleaning manually the blade of vertical mixer, the contract worker was hit/struck by iron rod on his face and he got injured. (No death.)</p> <p>Incident-4 :</p>	<p>Employment given to spouse through contract, and monetary aid of Rs. 10 Lakh also provided.</p>	<p>and he resumed his duties.</p>

Name of CPSE	Year	No. of Accidents	No. of workers died	No. of workers grievously injured	Details	Compensation Paid for died workers	Compensation Paid for injured workers
					Factory location: Haridwar Date: 10.09.2021 Type of worker: Contract worker Incident Brief: During machining of a brass bush, the heavy job material under Truing fell and injured finger of the contract worker. (No death.)		
The Braithwaite Burn & Jessop Construction Co. Ltd.	2018-19	---	---	---	---	---	---
	2019-20	01	---	01	While shifting of Corrugated Galvanised Iron (CGI) Sheets on Bridge at work site, suddenly one worker slipped and fell down from the Bridge on 27.2.2020.	---	The expenses for treatment of injured worker borne by the Company entirely.
	2020-21	01	01	---	Worker went to fetch a tool from store. On the way, while crossing railway track, a diesel engine hit him on 27.3.2021.	---	---
	2021-22	01	---	---	While riveting steel girder worker slipped and fell from pier top to piling cap on 9.4.2021.	---	---
Bridge & Roof Co. (I) Ltd.	2018-19	01	01	---	Industrial Accident. (Fall from height while working in Boiler Panel at North Chennai Thermal Power Station site)	Compensation Paid. (Rs. 8,89,470/-)	---
	2019-20	---	---	---	---	---	---
	2020-21	01	01	---	Industrial Accident. (Suffered an electric shock while shifting of light at Thermal Power Station site, Manuguru, Telangana)	Compensation Paid. (Rs. 11,60,530/-)	---
	2021-22	---	---	---	---	---	---
HMT Machine Tools Ltd.	2018-19	08	---	---	All were minor accidents.	---	---
	2019-20	08	---	---	All were minor accidents.	---	---
	2020-21	---	---	---	---	---	---
	2021-22	05	01	---	On 19.12.2021, one contract workmen, while on assisting the work to his contractor on electrical maintenance of flood light, felt some uneasiness and rested on the safety	---	---

Name of CPSE	Year	No. of Accidents	No. of workers died	No. of workers grievously injured	Details	Compensation Paid for died workers	Compensation Paid for injured workers
					harness around 10.45 a.m. Immediately he was brought down and shifted to nearest hospital which is less than 2 kms from the company and provided all the medical facilities available. Unfortunately, he expired on next day (20.12.2021). The cause of death is still not known due to non-receipt of Post-mortem report till date.		
Cement Corporation of India Ltd.	2018-19	12	---	---	Minor accidents.	---	---
	2019-20	08	---	---		---	---
	2020-21	03	---	---		---	---
	2021-22	---	---	---		---	---
Sambhar Salts Ltd.	2018-19	02	01	---	Smt. Sita Devi W/o Omprakash, Contractual Labour died in Sambhar Unit.	Employment has been given to the family member of the worker.	Worker has been compensated.
	2019-20	01	---	---	Minor accidents.	---	Worker has been compensated.
	2020-21	04	---	---	Minor accidents.	---	Workers have been compensated.
	2021-22	01	---	---	Minor accidents.	---	Worker has been compensated.
Nepa Ltd.	2018-19	04	---	---	Minor accidents.	---	---
	2019-20	06	---	---	Minor accidents.	---	---
	2020-21	06	01	---	5 minor accidents. 1 major accident: Late Sh. Satnam Singh, Shift In-Charge Nepa Ltd. went on the roof of the paper machine building to rescue his pet dog from where he fell down causing fatal head injury.	Rs.10 Lakh paid as compensation.	---
	2021-22	10	01	01	8 minor accidents. 1 major accident; Late Sh. Gopal Halli an employee of NEPA's contractor M/s Arvind Envisol working on effluent treatment plant, lost his balance while working on	Rs.7,49,070/- paid as compensation to Sh. Gopal Halli.	All medical and hospital expenditures of Sh. Devendra Verma including extending financial support to his family during his stay in hospital (Rs. 4 lakh

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					<p>scaffolding causing fatal head injury and death.</p> <p>1 grievous incident: Sh. Devendra Verma, hired employee of Nepa Ltd. was injured due to accidental operation of metallic door on foot causing lacerated injury over left leg, ankle & foot. Individual is still under medical attention at Indore.</p>		approx..) borne by the company.

Reply in respect of part (c) and (d):

Name of CPSE	(c) Action taken to fix responsibility for negligence	(d) Steps taken to ensure non-recurrence of such accidents
Andrew Yule & Co. Ltd.	Factory officers were cautioned to adopt safety measures so as not to repeat such incidents.	The Organization always give maximum emphasis on Health, Safety and Welfare aspects of the employee. Training on Safety & Health are being organized at regular intervals where all categories of employee participate. Projection of Placards, Posters are being displayed at different places of the Factory to make the employee aware about “Dos” & “Don’t” at the workplace.
Bharat Heavy Electricals Ltd.	<ul style="list-style-type: none"> • BHEL has well laid down safety guidelines and procedures implemented across the company. Each unit has a Health Safety and Environment (HSE) Manual and periodic internal audit and external audits by 3rd party in every six months are being conducted. • All reportable accidents including fatal accidents are investigated as per laid down procedure to undertake corrective and preventive actions. • Implementation of these actions by the concerned unit is ensured by the concerned safety department. It is also verified during the Audits by External agency (ISO 14001 & ISO 45001 Certifying Body) during audits. • The accidents which led to fatality or grievous injuries in the factories of BHEL during the period, occurred due to violation of laid down safety guidelines and procedures, electrical failure and unsafe act by the victims. • After such accidents the concerned contractor(s) have been reprimanded and warned to be careful and not repeat these mistakes in future. • However, BHEL always strives towards improvement in safety management system and making the safety guidelines and procedures more stringent based on the corrective and preventive actions brought out during investigations. 	<p>Safety measures / activities undertaken in the manufacturing Units of BHEL to minimize workplace accidents, increase safety of every individual and ensure that such accidents do not occur include:</p> <ul style="list-style-type: none"> • Making Safety Procedure and Guidelines more stringent after implementation of the corrective and preventive actions brought during accident investigation as per laid down procedure • Providing Personal Protective Equipment (PPE) and its proper usages • Plant Safety Inspection by Safety Officers • Conducting departmental safety meetings • Display of posters and instructions at workplaces regarding safety • Organizing regular health and safety related training programmes to sensitize the workmen about the safe practices to be adopted during the work and share with them the learning from past incidents • Sensitizing the contractor about BHEL’s safe work practices & procedures to be followed while doing the execution of the work and arranging training for contract labor to implement the same while doing the work. • Undertaking of health & safety audits internally and by external agency • Capturing of unsafe acts, unsafe conditions, near miss incident and accidents, and its knowledge sharing • Development of operation control procedures and its issuance to the concerned for implementation • Ensuring strict supervision by concerned Supervisor(s)
The Braithwaite Burn & Jessop Construction Co. Ltd.	No officer was responsible for the accidents	The company takes due precaution to safety norms and provides safety tools such as safety helmet, full body harness, reflective jackets, hand gloves, welding goggles, grinding goggles, grinders mask, safety ropes, safety belt, safety shoes, safety ladder.

Name of CPSE	(c) Action taken to fix responsibility for negligence	(d) Steps taken to ensure non-recurrence of such accidents
		Every morning a Tool Box meeting is also held to appraise of safety equipment.
Bridge & Roof Co. (I) Ltd.	<p>Bridge and Roof follows very strict safety standards and precautions at all their construction project sites. Moreover, most of the projects sites are within industrial plants where the clients also have their own safety regulations and norms which have to be adhered to by all contractors. Accordingly, all the equipment, fixtures, etc. are routinely inspected for fitness and adequate Personnel Protective Equipment (PPE) are provided to all personnel at the sites. Workmen are also given regular Safety Toolbox talks to encourage observance of safety measures. With all these precautions number of accidents have been reduced as compared to earlier years.</p> <p>However, stray accidents still happen at the project sites in spite of all precautionary measures incident, the reason for the same is investigated and conveyed to all personnel, such that safety measures are sincerely and strictly followed to prevent such mishaps in the future. So far there is no case where action against officer is required.</p>	The Health Safety and Environment (HSE) policies are implemented throughout the Company, complying with applicable laws and rules to ensure that no hazards or mishaps take place. Internal audits and management reviews are undertaken at regular intervals to identify scopes for further improvement and measuring effectiveness.
HMT Machine Tools Ltd.	No negligence of safety measures. Company is maintaining utmost care and providing proper safety measures to all regular and contract employees.	<ul style="list-style-type: none"> • Action taken to ensure that, such incidents do not occur in future. • Provided safety guard to workmen working on machines/hazardous area to prevent even minor accidents in future. • Adequate Training & re-training for workmen with respect to safety and systems adopted for safety at workplace. • Identify highly innovative and effective hazard recognition strategies such as implementing techniques to avoid future accidents.
Cement Corporation of India Ltd.	Advisory issued to responsible officers.	<ul style="list-style-type: none"> • Providing regular safety trainings, to prevent accidents at workplace. • Organizing awareness sessions to create awareness among workers about hazardous process, if any. • Performing Regular inspections of Machinery, equipment and tools. • Deployment of new processes to mitigate the accidents as per the requirement/directions given by the appropriate government etc. • Reviewing Safety Protocols time to time and communicating them to workers.
Sambhar Salts Ltd.	Instructions have been issued to the concerned to ensure that such accidents do not recur in future.	Instructions have been issued to the concerned to ensure that such accidents do not recur in future.
Nepa Ltd.	No officer found responsible during investigation conducted by	Concerned are advised to strictly observe necessary safety measures as per the job

Name of CPSE	(c) Action taken to fix responsibility for negligence	(d) Steps taken to ensure non-recurrence of such accidents
	<p>the M.P. Government Industrial Health & Safety Department for accidents causing death.</p> <p>Accidental operation of Metallic door of paper machine was the cause for accident causing grievous injury. No individual was found responsible.</p>	<p>requirement at work place with proper instructions, training and supervision. For height work following advice has been given:-</p> <ul style="list-style-type: none"> • Safe Access & egress to work place. • Proper platforms with railings. • Suitable scaffoldings around the work place. • Openings to be covered with barricades. • Work spot should be easy to climb up and down. • Use of safety belt should be ensured duly anchored to fixed location. • Use of safety net below the work place. • Rope of safety belt not to be tied to sharp members. • Patients suffering from vertigo, epilepsy & high blood pressure not to be allowed. • Only trained workers should be allowed. • Workers to be explained hazards & precautions. • Shock loaded safety harness to be destroyed. • Proper illumination at work place. • Adequate communication with the workman. • Refresher Training to be workers. • Strict suspension of the work. • Any other precaution specified to the job.