

**REPORT OF ACCIDENTS OF BHUTAN POWER CORPORATION LIMITED FROM 2002 TO JUNE 2008**

**ACCIDENTS PERTAINING TO DISTRIBUTION & CUSTOMER SERVICES DEPARTMENT**

Sl. No.	As reported by BPC					Effects	Views of BEA Secretariat
	Location of Accident	Detail of the victims	Type of Accident	Voltage level	Causes		
<b>YEAR - 2002</b>							
1	Khuruthang, Punakha	Mr. Karchung	Non - Fatal	11kV	On 26 August, 2002, at 12:30 PM, the 11kV feeder II from Lobesa Substation had tripped due to earth fault. The line was shut down as the patrolling team went to rectify the fault. Karchung (BPC muster roll staff) climbed the pole without safety belt and attempted to short the live wires to earth with combination pliers. While short circuiting, he fell from the pole of 6 meters height due to residual current.	The victim was taken to the Hospital for medical examination and found to be normal with only a few external injuries.	(i) Staff not qualified to carry out the work. (ii) Proper safety measures was not in place.
2	Zangdopelri Shopping Complex, Thimphu	Mr. S. K Das	Non - Fatal	230V	On 2 September, 2002, Mr. Das was checking connections of the LT feeder panel at 1250 kVA Zangdopelri Substation. He slipped on the wet ground and accidentally dropped the instruments into the LT feeder panel which caused heavy flashing.	The victim suffered burns on his face & hands and was rushed immediately to the hospital for treatment.	It was due to gross negligence on the part of the employee of BPC.
3	Mongar	Mr. Nar Bahadur Biswa	Fatal	11kV	At 3:30 PM on 30 December, 2002, the power supply at Mongar town was disturbed. When checking, they spotted Mr. Nar Bahadur Biswa (BPC muster roll staff) on the top of a LT pole who was in the process of switching off LT supply without informing the incharge. Before anyone could react, he was thrown off the pole. The deceased has opened one of the service lines on the pole which accidentally touched the nearby 11kV line.	The victim taken to hospital where he was declared dead	This was due to improper implementation of BPC's safety working protocol on power line maintenance.
<b>YEAR - 2003</b>							
4	Lobessa, Punakha.	Mr. Kinley from Rinchengang, Wangdue and two bulls	Fatal	220V	On 12 June, 2003, Mr. Kinley was digging the paddy field near a LT pole. The bulls are believed to have accidentally hit the pole causing the binding wires to touch the LT bracket. The momentary current must have leaked to the ground, which was irrigated paddy field full of water. The current caused electrocution of Kinley and two bulls.	The victim and the two bulls were found dead at the spot.	The cause of the accident could be due to improper earthing or lack of earthing.
5	Jemina Apple orchard, thimphu	Ms. Sangay Dema (11yrs old)	Fatal	230V	On 13 September, 2003, Mr. Tau Tshering, the care taker of the apple orchard belonging to MTI had connected the aluminium fence of the orchard to a bulb point in order to keep the trespassers and wild animals away. Ms. Sangay was trying to pluck some fruits from outside the fence when she touched the electrically charged fence and got electrocuted.	The victim was taken to the hospital but died due to electrocution.	This was due to lack of public awareness on the safety.
6	Switchyard, LBS, Samtse	Mr. B. k Saha & Mr. Tashi Zangpo	Non - Fatal	11kV	On 25 September, 2003, in order to replace a blown out fuse, Mr. Saha (BPC Electrician) had climbed the line 11kV structure without disconnecting/isolating the structure from its power supply sources. He was of the assumption that the structure was isolated. The live line discharged to the ground through the fuse wires which he had held in his mouth.	Mr. Saha suffered burns from his right cheek to the left and fell to the ground. In this process, Mr. Tashi (BPC Driver) who was holding the ladder also got a shock and fell down.	It was due to negligence of employees and for not following proper safety procedures.
7	Wangkha Construction Site, Gedu.	Mr. Dendup Dukpa & Mr. Dilip Kumar Ghalley	Non - Fatal	Uncharged, dead line.	On 30 September, 2003, Mr. Dhendup & Mr. Dilip Kumar had both climbed the 8.5m pole carrying 70 sq.mm cable. The pole foundation gave way and both of them fell down still strapped to the pole. The accident was caused due to loose pole foundation combined with the weight of two people & the cable.	Both the victims, strapped on the pole with safety belts were thrown to the ground with the along with the pole. Mr. Dhendup suffered minor abdominal injury and Mr. Dilip got his hand fractured.	This is due to improper installation of the pole.
8	6.6 kV GO structure near DG shed, Tsirang	Mr. B. B Gurung	Non - Fatal	6.6 kV	On 13 November, 2003, Mr. B. B. Gurung climbed the 6.6 GO structure to inspect and replace the fuse. While in process, Mr. Dawa, DG operator switched on the DG set breaker without obtaining clearance from the on going work. The load breaker of the DG set charged the 400 kVA transformer and the GO switch electrocuting him.	The victim suffered severe burns on the face and both his hands. His left hand and the thumb on right hand had to be amputated as per Doctor's advice.	Lack of proper maintenance procedure to ensure safety of working personnel and lack of proper supervision. Mr. Dawa, DG operator should have checked and obtained clearance before charging the transformer.
<b>YEAR - 2004</b>							
9	Shaba Bara, Paro	Two Cows	1 Fatal, 1 Non-fatal	33kV	On 13 February, 2004, two cows were fighting near a 33kV pole section when one of them hit the 33kV pole structure. The impact of hitting the structure possibly caused the "Y" phase jumper to touch the cross arm of the structure causing fatal electrocution of one of the cows.	Instant death of one of the cows while the other suffered a shock.	This could have been due to lack of proper earthing or non operation of the protective devices in the 33 kV Substation.
10	Dzonglakha Substation, Luni Gewog, Paro	Mr. Kaka (66yrs old)	Non - Fatal	415V	On 16 April, 2004, Mr. Kaka had constructed a barbed wire fencing around his paddy field to keep the wild animals away. On April 16, 2004 he climbed the transformer platform with GI wire in his hand to tap power supply for connection to his fence. He touched the bare LV terminal and got electrocuted.	The victim suffered from heavy burns and his right arm had to be amputated.	It was due to lack of public awareness on the danger of electricity and its usage.

11	Zomling Village, Gelephu	Om Prasad Sharma (6 yrs)	Fatal	11kV	On 19 April, 2004, Some village teenagers were probably playing with coils of GI wire, by throwing it on the overhead conductors which actually got hooked to the live conductor. Due to wind, the GI coil had shifted towards the pole structure touching the pole crossarms. Om prakash guring happened to be near the affected pole and got electrocuted.	The victim was declared dead on reaching the hospital.	It was due to lack of public awareness on the danger of electricity.
12	Phurbay khola, Genchuna, Phuentsholing.	Bijay Tamang (16years)	Non - Fatal	11kV	On 30 April, 2004, the Amochu river has a 11kV line crossing it. Due to low clearance a wooden pole was used to maintain the ground clearance of the line. On the night before the accident, there was a heavy storm which uprooted the wooden pole causing the line to sag. Due to negligence, Bijay Tamang touched the 11kV line and got electrocuted.	The victim suffered heavy burns which was treated at the hospital.	BPC should have corrected such construction on time.
13	Dago Phu, Paro.	Horse	Fatal	415V	On 1 October, 2004, Mr. Tobgay, a resident of Dagophu village had drawn GI wire around the garden fencing and connected it to BPC's distribution system without the consent of ESD, Paro. On 1st Oct, 2004 a horse touched the live GI wire while attempting to cross the fence and got electrocuted.	The horse died at the spot.	It was due to lack of public awareness on the danger of electricity and its usage.
14	Lungtenphu RBA Complex, Thimphu	TV, Stabilizer & other electrical appliances	NA	11kV	On 1 November, 2004, the TV Cable passing over the 11kV feeder fell on the 11kV shorting the three phases resulting in heavy flow of current in the TV cable line. This resulted in the damage of a television set, stabilizer, etc.	Damage of Television set, Voltage Stabilizer and other electrical/electronic appliances.	The BPC should not have permitted the TV cable operator to route the TV line on 11kV poles.
<b>YEAR - 2005</b>							
15	Tshento Shari, Paro.	Mr. Changlo Tshering	Fatal	11kV	On 8 April, 2005, Mr. Changlo Tshering (carpenter) climbed the roof of a two storeyed house which had a 11kV line running over it. While laying the CGI sheet, he accidentally touched the 11kV line and got electrocuted to death.	The victim died at the spot. The house owner Mr. Nidup, was advised not to construct the house below the line as it didn't have sufficient clearance.	Regular public awareness through the media could have avoided such an accident.
16	Changji, Thimphu	Mr. Gembo (27 years old)	Non - Fatal	11kV	On July 6, 2005, Mr. Gembo, Lineman of Bhutan Telecom had climbed the telecom pole to dismantle their overhead cables which was only about a foot below our 11kV line. While dismantling, Mr. Gembo accidentally touched the 11kV live conductor and was thrown to ground.	The Victim suffered from severe burns and was immediately taken to hospital for treatment.	The clearance between the 11kV line and the telecom pole seems inadequate. At the same time the Bhutan Telecom lineman didn't follow the required safety procedures.
17	Toeb Chandana, Punakha.	Mr. Tshering Phuntsho	Non - Fatal	33kV	On 11 August, 2005, Mr. Tshering Phuntsho, Lineman of ESD Punakha was carrying out the sagging on 33kV line during maintenance. Since he could not reach the conductor for loosening from cross arm, he had attached his safety belt on the insulators. However, due to failure of the interlocking between the insulators, he was thrown to the ground.	The victim was rushed to the hospital and was found to be normal and was recommended for a few days rest.	It was due to the negligence of employee to follow the proper safety working procedures.
18	Phuntsho Pelri, Punakha	Mr. Tshering Phuntsho	Non - Fatal	415V	On 25 August, 2005, Mr. Tshering Phuntsho, Lineman of ESD Punakha was carrying out right of way clearance on LV lines near the Phuntsho Pelri Substation. He was trimming the tree branches when the branch he was standing on gave way and he fell to the ground from a height of 5 to 6 meters.	The victim was taken to Punakha hospital and was further referred to JDWNRH, Thimphu where he was found to have fractured his backbone.	It was due to the negligence of employee to follow the proper safety working procedures.
19	Near BHU-I Kanglung, Trashigang.	Mr. Sonam Tobgay (46 years old)	Non - Fatal	415V	On 25 August, 2005, Mr. Sonam Tobgay, Line helper of ESD Trashigang was assigned to carry out some routine complaint duty which did not include climbing of poles. However, he climbed the LT pole without taking shutdown and accidentally touched the live line, which threw him on the ground.	The victim was taken to Trashigang hospital and was further referred to Mongar Referral Hospital where he was found to have suffered from paralysis of the lower part of his body. Resulting this he was further referred to Vellore, India for treatment.	It was due to carelessness of the victim and further not following proper safety working procedure.
20	Hangay, Samtse	Mr. Lalit Ghalay (25 yrs old) & Mr. Gokul Singh Ghallay (45 yrs old)	Fatal(both)	11kV	On 11 November, 2005, Mr. Lalit & Mr. Gokul, workers of M/s. Pema Electrical Construction (RE contractor, after completion the painting of a double pole structure, were removing the aluminum ladder used during the process. Due to the weight and height of the ladder, the direction of removing the ladder seems to have gone out of control, thereby touching the 11kV line nearby. This caused fatal electrocution of both the victims.	The victims got electrocuted and died at spot.	It was due to gross negligence on the part of the workers and lack of proper supervision.
21	IB Substation, Gelephu	Mr. Norbu II (46 yrs old)	Non - Fatal	11kV	On 23 November, 2005, Norbu, lineman & Chogyal line helper of ESD Gelephu had gone to IB substation for installation of LA and to carry out earthing rectifications after taking shut down of 11kV feeder I & II out of the total of three feeders running in parallel to the 500kVA, IB substation. Norbu had climbed the structure of the third 11kV feeder which was not under shut down. While climbing the pole of live feeder, Norbu's head touched the live wire and fell to ground.	The victim was immediately taken to Gelephu hospital and the next day he was referred to JDWNRH, thimphu where his hand has to be amputated.	It was due to lack of implementation of proper safety working procedures.
<b>YEAR - 2006</b>							
22	Phuntsho Pelri, Punakha	Mr. Tshewang Tenzin (21yrs old)	Non - Fatal	11kV	On 5 February, 2006, Mr. Tshewang had climbed the 11kV pole structure and touched the live wire suffering from shock and burns. He was found hanging on the pole structure with the help of a bolt which had pierced his clothes and skin.	The victim suffered from burns on his right arm and back. From the Punakha hospital, he was referred to JDWNRH, Thimphu on the same day.	The victim did not follow proper safe working procedures. Nothing was mentioned about the victim whether he was a BPC employee or not.

23	Zichey, Guma Gewog, Punakha	Mr. Gopal Tamang (36 yrs old)	Fatal	11kV	On 24 May , 2006, Mr. Gopal, assistant field survetor of Punakha Dzongkhag was carrying out survey works and was not aware of the 11kV line behind him. He was positioning his field staff and moving backwards, whereby his field stick accidentally touched the 11kV line and he got electrocuted to death.	The victim suffered a electric shock and died at spot.	Anyone near the power line must be cautious. In such cases, there must be a supervisor.
24	Pachudara, Phuentsholing	A pregnant cow	Fatal	11kV	On 26 June, 2006, a "Y" phase pin insulator of the 11kV live line to Tdaing had broken resulting in the ACSR conductor touching the single pole cross arm at Pachudara. A cow passing by and had touched this dangerously charged pole and got electrocuted.	The cow died at the spot.	(i) It was due to improper earthing of the pole. (ii) Lack of routine maintenance.
25	Dungkhar Naktshang Area, Lhuentse	Mr. Trashi Sonam (9yrs old)	Non - Fatal	11kV	On 4 August , 2006, two students from Dungkhar Primary School, Mr. Trashi Sonam & Dorji Ranzin were playing with a 12m GI wire which was discarded after being used for drying clothes. They were throwing the wire on the 11kV live line. Trashi Sonam hit the charged 11kV line with the wire and fell to the ground in an unconscious state.	The victim got electrocuted and suffered from severe burns on his hands and abdomen. He was taken to Lhuentse hospital from where he was further referred to Monagar Referral Hospital.	Regular public awareness through the media could have avoided such accidents.
26	Changzamtok, Thimphu	Mr. J. B Chhetri ( 63 yrs old)	Non - Fatal	415V	On 7 October, 2006, Mr. J. B Chhetri was working on three phase LV live line to extend a new service connection. Since he was not using a safety belt, he got a shock from the third phase cable and fell down to the ground.	The victim was taken to the Hospital and was found to have no external injuries but a slight pain in the chest.	The victim did not follow proper safe working procedures.
<b>YEAR - 2007</b>							
27	Thinlaygang, Punakha	Mr. Kesang Phuntsho (21 yrs old)	Non - Fatal	33kV	On 2 April , 2007, after rectifying the loose jumper connection of the LV line feeding Thinlaygang lhakhang, kesang Phuntsho had climbed the transformer to put on the MCCB. While doing so, he accidentally moved his hands towards the 33kV jumper, reducing the clearance between his hand and the 33kV line. This gave him a shock and he was thrown off to the ground.	The victim was taken to the Hospital and was found to have surgical burns on the entire right side of his body including his right arm and leg.	It was due to gross negligence of the BPC's employee and non-adoption of the safe working procedures.
28	Dakpai Village, Zhemgang	Mr. Sherub Tenzin (8 yrs old)	Fatal	33kV	On 6 July , 2007, after forcefully entering the fence and locked up 63kVA, 33/0.4kV S/s at Dakpai along with his two friends, the victim then climbed the transformer and further touched the 33kV line, whereby he got severely electrocuted.	The victim was immediately taken to the Yebilaptsa Hospital by a passer by where he died the same day. The victim's two friends had bluish marks on the nose after getting shock through earth.	Regular public awareness through the media could have avoided such an accident.
29	Lekithang, Gelephu	Mr. Kul Bahadur Gurung (35 yrs old)	Fatal	220V	On July 19/20,2007, Mr.Kul Bahadur to work for Mr. Ugyen Tshewang, Ex-Drimpon, RBG. Inorder to protect the tapioca planted in Mr. Ugyen Tshewang's land from wild animals, they had fenced the place with binding wire and used to connect it to the electric supply from a light point of a cow shed at night. They had been practicing this electric fencing for about a year without the notice of the Gup and the ESD. It was informed that on the previous night (July 19, 2007) the victim had left a neighbour's house at around 7 pm when it was raining heavily. After that no one saw him the whole night until his body was discovered at 6:30 in the morning. Therefore, the exact time of the accident could not be found out.	The victim was found dead on the spot. ESD, Gelephu has levied a fine on Mr. Ugyen Tshewang for the illegal practice and has warned him not to repeat the same in future.	It was due to lack of public awareness on the danger of electricity. The use of electricity for the purpose other than that for which the supply is contracted for is an offence as per Section 69 (viii) of the Electricity Act of Bhutan 2001 .
30	Natongla, Trashiyangtse	Mr. Tshering Wangdi (42 yrs old)	Fatal	33kV	On 12th August, 2007, Sunday, ESD Trashiyangtse had planned shutdown to improve and strengthen their 33kV, RE-I line from Doksum. The shutdown had been tentatively scheduled for 8:00 AM that morning, however, due to improper communication between the incharges, the shut down was not taken as per the scheduled time. At around 8:45AM, thinking that the 33kV line was isolated at Doksum, Tshering Wangdi line man with others started erecting the pole which touched the 33kV line electrocuting the victim and causing minor injuries to two others.	Mr. Tshering Wangdi with the two muster roll labourers injured, were rushed to the Hospital, where Mr. Tshering Wangdi was declared dead.	It was due to lack of proper communication and safe working procedures.

31	Gairigaon, Samtse	Mr. Sunil Prasad (35 yrs old)	Non - Fatal	230V	On 8 September, 2007, Mr. Sunil Prasad (Muster roll) along with Mr. Santi Kr. Yakha (Lineman) went to Nima Singh Tamang's house at Garigaon to change the service cable which was damaged by heavy rainfall. Upon reaching the site, Mr. Santi Kr. Yakha started cable connection to the Energy Meter while Mr. Sunil Prasad went for connecting the cable to the pole without taking shut down. Suddenly, Mr. Shanti & the house owner heard Mr. Sunil's cracking voice and when they looked up, they saw Mr. Sunil's hand hanging on the live conductor . Immediately, Mr. Santi Kr. Yakha removed the ladder after which Mr. Sunil fell down.	The victim was rushed to Hospital and was found to have three fractured ribs The Victim being Indian, Doctor told that the case could not be handled at Samtse hospital. He was then taken to Siliguri Paramount Hospital	It was due to gross negligence of BPC's employee and non-adoption of safe working procedures.
32	Bidung, Trashigang	Mr. Sonam Dorji	Fatal	230V	Mr. Sonam Dorji,a farmer from Bidung village was electrocuted on September 25, 2007. The case was reported to BPC three days after the accident. The accident happened when the deceased was walking pass Mr. Trala.s ( his neighbour) paddy field where electric fencing was provided to protect from wild animals during night time. The power supply to the fencing was extended from a power point in his house.	The Victim was electrocuted to death at the spot. ESD, Trashigang has levied a fine of 500.00 on Mr. Trala for the illegal and the supply has been temporarily disconnected. Mr. Trala was also warned not to repeat the same in future.	It was due to lack of public awareness on the danger of electricity. The use of electricity for the purpose other than that for which the supply is contracted for is an offence as per Section 69 (viii) of the Electricity Act of Bhutan 2001 .
33	Tana Village, Punakha.	Mr. Dego (55 yrs old)	Fatal	33kV	On 7 December, 2007, Mr. Dego, a farmer was cutting bamboo in his field to build a cow shed near the 33kV line and a 63kVA Substation. While cutting the second bamboo, it accidentally fell on the 33kV line . The area was marshy and the victim was bare footed which resulted in his electrocution.	The victim died on the spot.	Regular public awareness through the media could have avoided such an accident.
<b>YEAR - 2008</b>							
34	Natsho Fabrication Workshop, Phuentsholing	Mr. Rohit & Mr. Chencho.	Fatal & Non-Fatal		On 10 May, 2008, Mr. Chencho, Manager of Natsho Fabrication Workshop had climbed the wall near the iron gate of the workshop to erect a steel prayer flag. In the process of erection, the steel pole got tilted and accidentally touched the 11kV live line thereby, electrically charging the Iron Gate which was in contact with the flag pole. At this time, Mr. Rohit (Indian worker of the workshop) who leaning on the gate got a shock and fell down.	Due to the electric shock Mr. Rohit fell down and hit a rock suffering a deep cut on his head. He was immediately rushed to the hospital where he was declared dead.	Regular public awareness through the media could have avoided such accidents.
<b>ACCIDENTS PERTAINING TO TRANSMISSION DEPARTMENT</b>							
<b>YEAR - 2006</b>							
35	132/66/11kV, Gelephu Substation	Mr. Sonam Norbu, Supervisor, SMD, BPC, Semtokha.	Non Fatal	66kV	On 6 November, 2006, M/s. ABB Service Engineer and the BPC officials observed a slight change in the level of SF6 gas by 0.1 bar (reduced from 7.2 to 7.1 bar) in the breaker. Service Engineer from M/s. ABB insisted to recheck the same with the help of gas leakage detector. Before completing the opening of isolator the victim climbed over the platform along with the gas leakage detector. Due to less clearance with the detector nozzle a flash over took place causing heavy electric spark which made him fall down from the platform.	Mr. Sonam Norbu suffered from severe burns on his hands, face, some portion of neck and chest also. Immediately he was taken to Gelephu hospital and on the next day he was referred to JDWNRH in Thimphu.	It was due to gross negligence on the part of BPC's employee.
36	33/11kV Tangmachu Substation	Mr. Tandin Wangdi, Lineman, SMD, BPC, Kanglung	Non Fatal	33kV	On 21 November, 2006, Mr. Tandin Wangdi who was weeding in the switchyard had climbed up on the post insulator of main bus to clean it and got heavy electric shock.	Mr. Tandin Wangdi got heavy electric shock and fell to the ground. He suffered from superficial burns on his right hand, abdomen and slight head injury. He was taken to Lhuentse hospital and from there he was referral to to General Regional Referral Hospital at Monggar. X-ray report confirmed that there was no internal damage.	It was due to gross negligence on the part of BPC's employee.

YEAR - 2007							
37	132kV Nangkor-Deothang Line	Mr. Tshewang Tenzin, Technician, TMD, BPC, Nangkor	Fatal	132kV	On July 23,2007, a group of line staff from TMD, Nangkor were deputed to carry out the line patrolling/span bush cutting from location No. ND 17 to ND 32. On July 23,2007, the line patrolling, cleaning and bush cutting was completed for the location between ND 24-28. And on the second day, the group did location cleaning only at location ND 32. On July 25,2007, the same group moved for span bush cutting between the location No. ND 29-30. When Mr. Tshewang Tenzin was trying to clear a small climber which was entangled on the high voltage transmission line he was electrocuted on the spot	The victim lost his life on the spot because of electrocution.	It was due to gross negligence on the part of the deceased.
ACCIDENTS PERTAINING TO DEVELOPMENT & CONSTRUCTION DEPARTMENT							
YEAR - 2006							
38	Malbase Substation, Phuentsholing	Mr. Md. Jahiruddin( an employee of BPC's contactor M/s. L&T)	Fatal		On 29 November, 2006, the stringing between gantries at height of 21 mtr for 220kV Bus for Bay no. 10 of Malbase Substation was in progress. At 5.00 PM Mr. Jahiruddin was sitting on the insulator string near the yoke plate for fixing the tension clamp. His safety belt was tied up with one of the insulator string where he was sitting. While he was about to hold the clamp the insulator string got disconnected in between 10 & 11 from the gantry beam side (total no. insulator 15 per string). In the process his safety belt that was tied up between the above insulators came out and fell down to earth.	The victim suffered multiple head injuries and was taken to the nearest hospital where he was declared dead.	It was learnt from BPC that the security clip of the 11th insulator was not properly inserted.
ACCIDENTS PERTAINING TO RURAL ELECTRIFICATION DEPARTMENT							
YEAR - 2008							
39	Jigmecholing, Sarpang	Mr. Agom Singh Mongar (24 yrs old)	Non Fatal	11 kV	On May 3, 2008, Mr. Agom Singh Mongar, 24 years old village Gong, Sarpang, Contractors Lineman of M/s. KD Construction, Phuentsholing during the RE-Additional works under Umling, Jigmecholing and Dekiling gewogs under Sarpang Dzongkhag. (Cause of the accident was communication error).	Superficial burns with some fracture and fully recovered and leading normal life at present.	The cause of the accident is not clear.

Note: All the above accident cases have been summarized and the views of the BEA expressed. The above accident cases have not been investigated by BEA. For the accidents from July 2008 onwards, BEA will bring out a separate report since it has carried out independent investigations for all accidents reported by BPC and as well as those that came to the notice of BEA.

NA- Non Applicable

Fatal = 18

Non-Fatal = 22