

## Electrical Shock on a Ship

If you are new to a ship, the first few days might leave you confused, lost, and extremely apprehensive as to how are you going to spend the rest of your days of your contract on the ship safely without confronting any accidents. The huge matrix of pipes, the complex machinery, and the massive bunch of wires which runs without any restrictions in different directions might leave you a bit messed up in your mind. It is during this vulnerable mindset, you can come across the worst accident that has happened to you.



When we talk about accidents on a ship, an electrical shock is the worst of all kinds. Electrical wires and connections are present everywhere on a ship and it is important to escape them to prevent yourself and others from getting a major electrical shock. Moreover, it is said that a person on board a ship gets an electrical shock mainly due to its negligence and unawareness. In this article we will learn as to how you can save yourself and others from an electrical shock on board a ship. Also find out what all precautions you should take to minimize the risk of an electrical shock on board.

## **Steps to Minimize the Risk of an Electrical Shock On board**

- 1) Start with the first round of the day; check all electrical motors, wiring, and switches, for abnormal sounds, variation in temperatures, and loose connections.
- 2) Ensure that all electrical connections are inside the panel box so that no one can touch them accidentally.
- 3) In accommodation area multiple socket plugs shouldn't be used.
- 4) Turn off the breaker before starting any work on an electrical system.
- 5) Use ply card and notice board as much as possible to inform others about the ongoing work to avoid accidental starts.
- 6) Double check the electrical tools like portable drills for any loose wires before attempting any job.
- 7) Always wear protective clothing, rubber gloves, rubber knee pads and safety shoes to avoid risk of shock.
- 8) Use electrically insulated handle tools for working or checking electrical system.
- 9) Before working, remove jewellery wrist band and other conductive items.
- 10) When working or removing multiple wires, tape off all but the one wire you are working on.

11) Try as much as possible not to work on live system and even if you do so be a professional and work carefully with full concentration.

12) During working in group or pair, organise a tool box meeting and discuss the procedure, risk and hazards of the job in hand.

13) If you don't know about the system, ask for assistance. Don't work without knowing it.

14) Always think about your own safety and safety of fellow persons while carrying out any electrical work.