

Circular No. - Fire and Safety/60/2023

To all Hon'ble Members

Subject: Urgent notification regarding strengthening of electrical safety system of garment factories.

Dear colleague,

You are aware that the summer season has begun. At this time, the rising temperature and other factors lead to a spike in the number of explosions and fire incidents. In most cases, these accidents are caused by the electrical disturbances. Especially electrical short circuit is one of the causes of fire accidents in summer. Overheating of factory electrical substations, generators, main switch boards and panel boards, distribution boards, and various electrical machinery and parts can lead to major explosion or fire accidents at any time. In addition, if the connection of the electrical cable is not secure during storms and rainy seasons, water may spark, leading to a fire. We believe that taking early preventive measures in factories to avoid electrical explosions and fire accidents can help to prevent any unforeseen incidents such as worker/employee casualties. Given the urgency, all garment factories are requested to adopt the electrical safety measures mentioned below:

01. A qualified BSC Engineer or at least a qualified Diploma Engineer should regularly inspect all electrical cables, wiring, and other electrical equipment in the factory, such as sub-stations, generators, main switchboards, sub-main switchboards, distribution boards, junction boards, and all types of electrical machinery.
02. Regularly measure the electrical voltage and temperature (Hotspot) of all electrical equipment including wires.
03. Use proper quality wire for all electrical appliances according to the load being used, ensure proper earth-in connection and check insulation of all electrical wires at least once a month.
04. Any electrical appliances, circuit breakers, wiring, broken plugs and sockets, power cords, etc. that have been used in the factory for an extended period of time or are damaged should be replaced.
05. The factory's electrical installations and channels should be regularly dusted.
06. No goods or combustible materials should be kept within a 3-foot radius of any electrical installation..
07. All electrical activities of the factory are to be handled by certified skilled electricians.

In order to prevent electrical and fire accidents in factories, it is essential for you to be aware of the potential danger.

Thanking you,


Faruque Hassan
President

BANGLADESH GARMENT MANUFACTURERS & EXPORTERS ASSOCIATION (BGMEA)

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