



## **IS 15073 (Part 2) : 2008 Packaging of electric detonator: Part 2 corrugated fibreboard cases**

Electric detonators are **explosive devices** used to initiate a controlled explosion. They are typically small, cylindrical devices with wires attached. Electric detonators are essential components in various industries, including mining and construction. They are used to initiate controlled explosions. However, due to their hazardous nature, it's crucial to ensure their safe transportation and storage. This IS 15073 (Part 2): 2008 focuses on the packaging of electric detonators using corrugated fibreboard cases.

This standard ensures the quality and safety of these packages by specifying **rigorous performance requirements**. These requirements include withstanding **drop tests, inclined impact tests, and stacking tests** to simulate potential hazards during transportation and storage. Additionally, the standard mandates specific **material and construction guidelines** for the corrugated fibreboard cases, such as using suitable kraft liner or paperboard and adhering to approved construction methods.

- **Material and construction:** The standard outlines the requirements for the material and construction of the corrugated fibreboard cases, ensuring they are sturdy and reliable.
- **Performance requirements:** The standard mandates that the packaging must pass specific performance tests, including drop tests, impact tests, and stacking tests, to verify its ability to protect the detonators under various conditions.
- **Marking requirements:** The standard requires clear and informative labelling on the packaging, including details about the product, manufacturer, safety instructions, and regulatory information.

To further enhance safety, the standard mandates **clear and concise labelling** on the packages. This labelling includes essential information like the product name, manufacturer details, safety warnings, and handling instructions. Additionally, the standard emphasises the importance of **adhering to statutory regulations** and obtaining **necessary certifications** to ensure the quality and safety of the packaging.