

Indian Standard IS 2546:1974 – Galvanized Mild Steel Fire Bucket –

A guide to purchase and use Safe and Effective Galvanized Mild Steel Fire Bucket

The Fire Bucket is used to store water or sand, which may use for fire extinguishing in case of any fire hazard. This is a product related to fire safety and used occasionally to throw sand or water in case of fire hazard, hence quality and reliability of this product is very important.

The key parameters to ensure a good quality Fire Bucket are Corrosion Resistance material for body, handles, top stiffeners etc., thickness of material, Shape and Dimensions, Good surface finish to avoid any harm to operator during use, Safety Instructions, Leakproof, Important information and Traceability of manufacturer in case of any problem related to quality etc.

The IS 2546:1974 is addresses all above quality parameters through various provisions, given as below:

| Sl.no | Quality Parameter | Clause no. |
|-------|--|--|
| (a) | Good quality material for body, handle and stiffeners | 2.1,2.2,2.3 |
| (b) | To ensure Corrosion resistance | 2.4 (quality of paint), 5.2 (Galvanized Sheet) |
| (c) | Thickness of material, Shape and Dimensions | Clause 4 |
| (d) | Surface Finish and Safety Instruction | Clause 5 |
| (e) | Leakproof | Clause 6 |
| (f) | Important information and Traceability of manufacturer in case of any problem related to quality | Clause 9 |

To ensure the compliance to the above quality parameters products are checked in BIS Laboratory / BIS approved laboratories before Grant of License to a manufacturer. Further during operation of license also, products are checked through a robust Surveillance Mechanism, to continue the license.

It is always advisable to buy/purchase BIS standard mark (ISI) marked Galvanized Mild Steel Fire Bucket to ensure quality, safety and reliability.