

Technical Specification of G.I 7/14 SWG earth wire

- i) Standards : Galvanised stranded earth wire shall comply with IS 2141 – 2000 with the latest amendments and galvanising shall comply with IS 4826 – 1979 with the latest amendments .
- ii) Tensile Grade : 4 ( as per IS 2141 -2000)
- iii) Minimum Tensile Strength : 700N/mm<sup>2</sup>
- iv) The wire shall not contain sulphur and phosphorus exceeding 0.06 percent .
- v) The wire shall be round , free from splits , scale , surface flaws and other surface defects .
- vi) For the purpose of galvanising , the wire shall be coated with Zinc conforming to at least grade Zn 98 specified in IS 209 – 1966 . Zinc coatings shall be uniform and free from imperfections as per IS 4826 – 1979 with the latest amendments.
- vii) Weight per meter of GI stranded wire shall be stated by the bidder .
- viii) Bidder shall submit test report carried out within five years in a NABL accredited test house or laboratory alongwith the bid .

