

110. AVALANCHE ROD

QUALITATIVE REQUIREMENTS	PICTURE OF EQUIPEMENT
<p>1. Scope : Lays down requirement for avalanche rods mountain ring .</p> <p>2. Nomenclature : As given in fig.</p> <p>3. Materials :-</p> <p>i) Cone :- Grade 24345 in wp condition IS 733-1983 specification for wrought aluminium and aluminium alloy rods and section (for general engineering purpose) (Third revision)</p> <p>ii) Aluminium pipe :- Grade 64430 in WP condition IS : 736-1977 specification for wrought aluminium alloy drawn tube for general engineering purpose (second revision)</p> <p>iii) Wire Holder :- Grade CuZn 30 Annealed IS 736-1977 specification for wrought aluminium and aluminium alloy drawn tube for general engineering purpose (second revision)</p> <p>iv) LUG :- Grade -64430 in WP condition IS : 736-1983</p> <p>v) Flexible Wire:- steel wire made from 0.3 mm dia galvanized steel wire tensile designation 1770 IS :Specification of round steel wire for ropes (third revision)</p> <p>vi) Aluminium Nut :- Grade 64430 in WP condition IS : 736-1983</p> <p>vii) Steel Hexagonal Nut :- Grade – 11C10S25 nut rolled IS : 4431-1978 Specification for carbon and carbon manganese free cutting steel (first revision)</p> <p>viii) Semi- threaded wire holder – Grade CuZn 30 Annealed IS : 4431-1978</p> <p>ix) Semi there'd wire holder :- Grade -11C10S25 nut rolled IS 4431-1978</p> <p>x) ROD :- Grade 1 wire of IS : 16731984 specification for mild steel wire cold heading quality (second revision)</p> <p>4. General requirement :</p> <p>1) The main tube shall be manufacture from suitable tube and shall be initially threaded on own side and plug shall be suitably wanted on the other so as to fit in successive rods. The avalanche rod shall contacts of rods come .</p> <p>2) The spikes shall be suitably for rod.</p> <p>3) The various part of avalanche rod shall be given suitable anti corrosive treatment</p> <p>6) Mass :- The mass of the contact of 8 rods knobs and point (two) shall be 1400g. max.</p>	