

GENERAL TECHICAL SPECIFICATION OF
ALUMINUM EXTENSION TILTABLE TOWER LADDER

Sl. No.	Description	Technical Specification
1	The required Aluminum tower ladder should be having adjustable platform for testing personnel to stand and making required connections safely on overhead bushings at adjustable height varying from 20 feet to 35 feet.	
2	Type of Ladder	Extension Tilttable Aluminum Tower ladder in two folds
3	Closed Height	20 feet
4	Extended Height	35 feet
5	Platform Height	32 feet
6	Working Height	37 feet to 38 feet
7	Sides	Aluminum Channel ' [' shaped section 75x35x3.6 mm (Min.)
8	Steps	26 mm Square Corrugated Aluminum Tubes with adequate numbers of Aluminum Scissor Type Cross for mechanical stiffening
9	Platform Size	Size 30" x 30" at 3ft. below from the top and covered with Aluminum Railing
10	Trolley	Made of MS Channel 125 x 62 mm and Angle 50 x 50 x 5 mm or equivalent. Trolley Size : 6 Ft. x 5 ft. (Approx.)
11	Tilting height	9 to 10 feet (Approx.)
12	Winch	2 Nos. Heavy Duty Hand Operated Winch Gear System will be provided. - One Winch for adjusting the height i.e. to extend and lower the ladder - Second Winch to tilt the ladder.
13	Rope Size	8 mm Double Steel Wire rope
14	Wheels	4 Nos. Rubber Casted / Polymer wheel of Size 12" (Approx.)
15	Jacks	4 Nos. Extended Screw Jacks

Prepared By :

(Signature)
 (VIROD JASEJA)
 Dy. General Manager (TTL)
 Transformer Testing Laboratory
 B.H.E.L., JHANSI (U.P.)

Approved By :

(Signature)
 14.03.18
 (PRAMOD KUMAR NOGIYA)
 Sr. Dy. GM
 (Transformer Testing) & Dy. GM
 B.H.E.L., JHANSI