

Technical Specifications & TDs for Come Along 1.5 Tons

S/No	Specifications	Trial Directives
1.	Come Along system should be of steel or hard aluminum alloy consisting three major parts i.e. Base, Mast & Boom complied with IS 3521: Part 7/ISO-14567.	BOO to verify through certification provided by OEM.
2.	The system should provide a safe secure anchorage for confined space entry, exit and rescue work.	BOO to physically check and verify.
3.	The system should be completely collapsible and portable for advantage of easy transportation.	BOO to physically check and verify.
4.	The system should be corrosion resistant.	BOO to check and verify through lab test report from Govt./NABL accredited lab/OEM certificate.
5.	All adjustment should be on key plugs easy to assemble and dismantle without any tools.	BOO to physically check and verify.
6.	The rated capacity in terms of working load should be more than 200 Kg.	BOO to physically check and verify by lifting full load (200 KG) from 100 mtr.
7.	The complete system should have compliance of European standard or should have certification from NABL approved Lab for safety factor.	BOO to check and verify through lab test report from national or international Govt./NABL accredited lab.
8.	Tendered should supply ascending descending device/winch, accessory handle, rope, rescue stretcher and Full body Harness, along with system should be comply with IS-3521: Part 3/EN 1496: Class B.	BOO to physically check and verify.
9.	Battery-operated Ascending-descending device /Winch should work on principle of wrap or contract friction along with manual operation	BOO to physically check and verify.
10.	Ascension handle should be made up of light forged aluminium Alloy.	BOO to check and verify through lab test report from Govt./NABL accredited lab?OEM Certificate
11.	The handle grip should be comfortable with thermal insulation.	BOO to physically check and verify.
12.	Rope should be made of polyamide.	BOO to check and verify through lab test report from Govt./NABL accredited lab/OEM certificate.
13.	The breaking load of rope should be more than-24 KN (with out end connection) and more than-18 KN (with end connection).	BOO to check and verify through lab test report from Govt./NABL accredited lab.
14.	The rope diameter should be 9 mm to 12 mm. The length of the Rope should be min 100 mtr.	BOO to physically check and verify.
15.	The rescue stretcher should be made up of Fibre/Lightweight aluminium alloy, comply with EN 1865/IS 9565.	BOO to check and verify through lab test report from Govt./NABL accredited lab/OEM certificate.
16.	It should be in bucket shape with the sufficient number of straps to hold the casualty.	BOO to physically check and verify.

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17.	It can be lifted vertically up & down.	BOO to physically check and verify.
18.	Full body Harness should be complied with EN 361/ EN 358/ IS-3521:Part 1.	BOO to check and verify through lab test report from Govt./NAB accredited lab/International Lab.
19.	Battery Power: - Min Run time 30 minutes at full load	BOO to physically check and verify.