

**RESEARCH DESIGNS & STANDARDS ORGANISATION
(TRACTION INSTALLATION DIRECTORATE)**

Dated, 16th Oct, 2020

Reasoned documents for uploaded draft STR no TI/STR/009 (Rev.2).

1. A draft STR No.TI/STR/009 (rev.2) Schedule of Technical Requirements for Manufacture of stainless steel wire ropes was uploaded on RDSO website for one month for comments and suggestion.
2. Comments/suggestion has been received from M/s Shree Steel Wire Rope Ltd and M/s BWR.

SN	Comments on clause/Para of DRAFT STR no. TI/STR/009 (rev.2) uploaded on RDSO website	Comments /Suggestion	RDSO Remarks
Comments received form M/s SSWRL Mumbai vide letter no. SSWRL:548 RDSO-SS:2020 dated 28.08.2020.			
1	<p>2.1 MACHINERY & PLANT The following machinery and plant of suitable capacity should be essentially available.</p> <p>(i) Wire spooling machines (0.41 mm & 0.46 mm)-(For 8.5 mm dia of wire only) - 2 Nos.</p> <p>(ii) Wire Spooling machines (0.6 mm & 0.6 mm) - (For 5.5 mm dia of wire only) -2 Nos.</p> <p>(iii) Wire Stranding machines with performing heads for the above wire sizes (6/1 construction) 1+6 spools to one - 2Nos.</p> <p>(iii) Wire strands cum rope closing machines with performing heads upto 10-mm diameter for 34(6/11/17-Fibre core) x7 (6/1) construction. - 2 Nos.</p> <p>(iv) Wire rope abrasive cutter`1 Nos.</p> <p>(v) Welding machine, grinder etc 1 Nos.</p> <p>(vi) Hydraulic press/ other arrangements for making samples for tensile testing of wire rope - one set.</p> <p>(vii) Arrangement for Identification marking on S.S. ropes as laid down - One set.</p> <p>(viii) Arrangement for lubrication of wires at stranding stage as well as at the stage of closing of strands, during manufacturing of wire ropes.</p> <p>(ix) Adequate tools & tackles.</p>	Wire rope dia should be corrected as 8.65 in place of 8.50	Accepted and clause change accordingly

	M/s BWR email on uploaded STR of Wire rope TI/STR/00 (rev.2)		
1	1.0 SCOPE: This Schedule covers the technical requirement for manufacture and supply of Stainless Steel wire ropes of size 8.5 mm and 5.5 mm.	This Schedule covers the technical requirement for manufacture and supply of Stainless Steel wire ropes of size <u>8.65 mm</u> and 5.5 mm	Accepted and clause change accordingly
2	<p>2.1 MACHINERY & PLANT The following machinery and plant of suitable capacity should be essentially available.</p> <p>(i) Wire spooling machines (0.41 mm & 0.46 mm)-(For 8.5 mm dia of wire only) - 2 Nos.</p> <p>(ii) Wire Spooling machines (0.6 mm & 0.6 mm) - (For 5.5 mm dia of wire only) -2 Nos.</p> <p>(iii) Wire Stranding machines with performing heads for the above wire sizes (6/1 construction) 1+6 spools to one - 2Nos.</p> <p>(iii) Wire strands cum rope closing machines with performing heads upto 10-mm diameter for 34(6/11/17-Fibre core) x7 (6/1) construction. - 2 Nos.</p> <p>(iv) Wire rope abrasive cutter`1 Nos.</p> <p>(v) Welding machine, grinder etc 1 Nos.</p> <p>(vi) Hydraulic press/ other arrangements for making samples for tensile testing of wire rope - one set.</p> <p>(vii) Arrangement for Identification marking on S.S. ropes as laid down - One set.</p> <p>(viii) Arrangement for lubrication of wires at stranding stage as well as at the stage of closing of strands, during manufacturing of wire ropes.</p> <p>(ix) Adequate tools & tackles.</p>	(i) Wire spooling machines (0.41 mm & 0.46 mm)-(For <u>8.65 mm</u> dia of wire only) - 2 Nos.	Accepted and clause change accordingly.