

Static lines and anchor points (Structural)

Last Issue Date: 07/10/2020		Type Of Service				
Activity		A	B	C	D	E
1	Carry out an inspection of the system (steel rope or rail system).				Y	Y
2	Carry out a visual inspection of the parent structure and fixings for any modification, damage or deterioration e.g. corrosion, cracking etc.				Y	Y
3	Check the condition and correct operation of the line tensioners and line energy absorbers (horizontal lines).				Y	Y
4	Check the integrity and condition of the cable, rails and all fittings.				Y	Y
5	Check the condition of the rigid rails especially: a) Connections are intact (brackets, plates, clips, nuts etc.). b) Connections are tight. c) Connections are free from corrosion, dirt, grit etc. d) Condition of end stops.				Y	Y
6	Check the condition and correct function of permanently installed mobile attachment devices.				Y	Y
7	Check for the presence of contaminants that may affect the operation of the system.				Y	Y
8	Ensure the inspection plate is legible and located at each entry point.				Y	Y
9	Check the tag for the date of the last inspection and update.				Y	Y
10	Load (proof) test all the anchor points in accordance with AS1891.4 clause 3.1.2(g). See the Special Comments for more information.					Y
11	Record the results in the logbook and submit a customer service report to the FMSP.				Y	Y

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
Transport and Infrastructure

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Special Comments and Technical Data

THIS TDS B44 IS FOR STEEL ROPE OR RAIL SYSTEM WITH `OTHER' TYPES OF ANCHORS. (FOR SYSTEMS WITH DRILLED, GLUED OR FRICTION TYPE ANCHORS REFER TO TDS B44A).
NOTE: THIS TDS APPLIES TO ANCHOR POINTS AND STATIC LINES ON EXISTING STRUCTURES ONLY (CONSTRUCTION ITEMS ARE NOT APPLICABLE).

D SERVICE ANNUAL.
E SERVICE 3 YEARLY. (REFER NOTE BELOW.)

SERVICE FREQUENCIES AND ACTIVITIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS WHICH MUST BE FOLLOWED.

THE SERVICE IS TO BE CONDUCTED BY A HEIGHT SAFETY EQUIPMENT INSPECTOR AND DONE IN ACCORDANCE WITH AS1891.2, AS1891.4, AND AS4488.2.

THE LOAD TESTS OF THE ANCHORS ARE TO BE PERFORMED IN ACCORDANCE WITH AS1891.4 AND AS4488.2 (AS FOR DRILLED IN ANCHORS). THE TEST IS AN AXIAL PULL OUT (PROOF) TEST TO 50% OF THE DESIGN ULTIMATE ANCHOR STRENGTH AS SPECIFIED IN AS1891.4 TABLE 3.1 IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. (NOTE: THIS IS NOT A REQUIREMENT OF THE STANDARD FOR THIS TYPE OF ANCHOR POINT BUT IS A RECOMMENDATION.)

ALL SERVICE WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING LEGISLATION AND CODE:

- * WH&S REGULATIONS. AND SPECIFICALLY REGULATION 78: `MANAGEMENT OF RISK OF FALL'.
- * WH&S REGULATIONS. AND SPECIFICALLY REGULATION 79: `SPECIFIC REQUIREMENTS TO MINIMISE RISK OF FALL'.
- * SAFE WORK AUSTRALIA'S `MANAGING THE RISK OF FALLS AT WORKPLACES' CODE OF PRACTICE'.

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