

Overhead fall arrest rail system

Last Issue Date: 06/06/2017		Type Of Service				
Activity		A	B	C	D	E
1	<p>STRUCTURE AND SUSPENSION COMPONENTS:</p> <p>a) Check all bolts and nuts are secure (18Nm).</p> <p>b) Check for any signs of structural breakdown or damage.</p> <p>c) Check the components and fixings to the building structure, ensuring all bolts and nuts are secure (18Nm) and the connection brackets have no signs of deformation.</p> <p>d) Check the T-Nut mounts are secure (18Nm for M10 bolts and 25Nm for M12 bolts).</p>				Y	
2	<p>RAILS:</p> <p>a) Check that the bearing travel flanges on the rails are not bent or damaged and are free from grime.</p> <p>b) The maximum opening between the travel flanges is 19mm.</p> <p>c) Check the rails for any damage and for signs of excessive load.</p>				Y	
3	<p>RAIL SPLICE JOINS:</p> <p>a) Check all bolts, nuts and grub screws are secure (18Nm).</p> <p>b) Check for any signs of deformation in the spline joints.</p> <p>c) The maximum rail join gap is 4mm.</p>				Y	
4	<p>RAIL END STOPS:</p> <p>a) Check all bolts and nuts are secure (18Nm).</p> <p>b) Check there is no damage to the end stop plates.</p>				Y	
5	<p>TROLLEYS:</p> <p>a) Check all bearing axles and middle bearing bolts are secure.</p> <p>b) Check there is no deformation in the connection plates and that they are undamaged.</p> <p>c) Check the bearings to ensure there are no signs of wear.</p> <p>d) Check the operation of the trolleys and that they run freely in the tracks (rail section).</p>				Y	
6	<p>FALL ARREST BLOCKS AND LANYARDS:</p> <p>a) Check the entire length of the lanyards for any signs of damage, cuts or abrasions.</p> <p>b) Check the lanyard snap hooks are undamaged, operate correctly and the gates move freely.</p> <p>c) Check the lanyard karabiner attachments to the rail trolleys for any damage or malfunction.</p> <p>d) Check the operation of the locking mechanisms by giving the lanyards a sudden tug. The cable should lock in position until the load is removed. Undertake this check 3 times.</p>				Y	
7	<p>RECORD THE RESULTS IN THE LOG BOOK:</p> <p>a) Check the current service date does not exceed the due service date.</p> <p>b) Any non-conformance must be clearly identified and tagged 'Do Not Use' until corrective action by a competent person has been done.</p>				Y	

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



Government of South Australia  
Department of Planning,  
Transport and Infrastructure

Download Date: 22/12/2020

## Special Comments and Technical Data

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INSPECTION AND CERTIFICATION OF THE SYSTEM IS TO BE DONE BY A HEIGHT SAFETY EQUIPMENT INSPECTOR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND THE REQUIREMENTS OF: AS1891.1, AS1891.2 AND AS1891.4.

FREQUENCY:

NON CORROSIVE/MILD ENVIRONMENT: ANNUALLY (DEFAULT FREQUENCY)

CORROSIVE/HARSH ENVIRONMENT: 6 MONTHLY

AFTER MAINTENANCE AND RECERTIFICATION THE IDENTIFICATION LABEL MUST BE COMPLETED. SUBMIT SYSTEM MAINTENANCE DOCUMENTS TO THE SITE REPRESENTATIVE AND TO THE FACILITY MANAGER.

THIS TDS EXCLUDES THE SERVICING OF THE HARNESSSES/EQUIPMENT.

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2 of 3

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