

Training Climbing Tower (SAMFS)

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 31/08/2017						
1	During the inspection take photographs and methodical notes including locations of any defects. Refer to the Special Comments for detail.				Y	
2	Check for any defective repairs or added components that may effect the structural integrity of the tower or general safety during use.				Y	
3	Undertake an inspection of the tower (Activities 4-9):				Y	
4	BASE OF THE TOWER: a) Inspect the hardstand for any subsidence and check the area around the base plates for any cracking or movement. b) Check the condition of the base plates and the welded joints to the posts for any cracking or corrosion. c) Check the bolts & nuts for secure connections & general condition. d) Check the condition of the protective coating - looking for any cracking, flaking, corrosion or other defects. Clean.				Y	
5	STRUCTURE OF THE TOWER: a) Check the vertical and horizontal members for any deformation or mechanical damage. b) Check the condition of the protective coating - looking for any cracking, flaking, corrosion or other defects. Clean. c) Inspect all welded joints for any cracking or corrosion. d) Inspect the plate connections (4 no.) of the tower posts at platform 3 level by: - checking the condition of the connection plates and the welded joints to the posts for any cracking, corrosion or bending; - checking the bolts & nuts for secure connections & general condition.				Y	
6	BALUSTRADE PANELS (4 NO.): a) Check members (top rails and verticals) for any deformation. b) Check the condition of the protective coating - looking for any cracking, flaking, corrosion or other defects. Clean. c) Inspect all welded joints for any cracking or corrosion.				Y	
7	PLATFORM LADDERS (4 NO.): a) Check the stringers and rails for any deformation. b) Check the condition of the protective coating - looking for any cracking, flaking, corrosion or other defects. Clean. c) Inspect all welded joints for any cracking or corrosion.				Y	
8	PLATFORMS (4 NO.) FRAMING, FLOORS AND SOFFITS: a) Check the framing members for any deformation or mechanical damage. b) Inspect all welded joints for any cracking or corrosion. c) Check the condition of the chequerplate floor sheeting and the welded connections to the framing for corrosion or cracking. Check for ponding and ensure all drainage ports are open. d) Check the condition of the protective coating - looking for any cracking, flaking,				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

Download Date: 22/12/2020

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<b>Activity</b>						
	corrosion or other defects. Clean all components including the soffits and the framing.					
9	ENTRY GATE OF THE TOWER: a) Check members for any deformation or mechanical damage. b) Check the condition of the protective coating - looking for any cracking, flaking, corrosion or other defects. Clean. c) Inspect all welded joints for any cracking or corrosion. d) Check the operation of the gate swing and the barrel lock. e) Check the warning signage is securely attached to the gate.				Y	
10	INSPECTION AND REPORT BY A STRUCTURAL ENGINEER.					Y
11	Record the results in the log book and provide a report.				Y	Y

**Special Comments and Technical Data**

D SERVICE: ANNUALLY (DEFAULT FREQUENCY).  
 THE PREVENTATIVE MAINTENANCE SERVICING OF THIS TOWER IS TO BE DONE BY A PERSON COMPETENT IN UNDERTAKING CONDITION ASSESSMENTS OF STEEL STRUCTURES AND PROTECTIVE COATINGS. THE D SERVICE INCLUDES THE PROVISION OF A REPORT ON THE CONDITION OF THE STRUCTURE AND THE PROTECTIVE COATING. ANY DEFECTS OR AREAS OF CONCERN ARE TO BE METHODICALLY IDENTIFIED WITH A COLOUR PHOTO WITH THE LOCATION CLEARLY NOTED OR INDICATED ON A REFERENCE PHOTO OR DIAGRAM. ADVISE THE FACILITY MANAGER IF SPOT PAINTING SHOULD BE UNDERTAKEN ON THE STRUCTURE.  
 IF THE TOWER IS DAMAGED AND THE STRUCTURAL INTEGRITY IS OF CONCERN IT IS TO BE CLOSED OFF AND THE SITE REPRESENTATIVE AND THE FACILITY MANAGER IS TO BE NOTIFIED.  
 E SERVICE: 10 YEARLY INSPECTION AND REPORT BY A STRUCTURAL ENGINEER.  
 THIS TDS EXCLUDES THE SERVICING OF ANY HARNESSES, EQUIPMENT, ROPES AND CABLES AND ANY PULLEY AND CABLE SYSTEM/S FIXED TO THE SIDE OF THE TOWER.

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