

Tram Bogie Sand Filling Machine

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 26/07/2017						
1	Battery: a) Check auto filler operates correctly. b) Check float indicator is working on all cells. c) Refill distilled water station, if necessary. d) Check battery state of charge. Charge if required.	Y	Y	Y	Y	Y
2	Check the suction power of the dust extractor at the delivery head. Clean filter if required.	Y	Y	Y	Y	Y
3	Check hoses for air leaks.	Y	Y	Y	Y	Y
4	Check tyre pressures. Min 90psi to max 240psi.	Y	Y	Y	Y	Y
5	Check battery connecting cable and terminals for correct fit. If necessary tighten terminal screws.		Y	Y	Y	Y
6	Check torque of wheel nuts. Tighten if required.		Y	Y	Y	Y
7	Clean air filter. Replace if necessary.		Y	Y	Y	Y
8	Check brake fluid level.		Y	Y	Y	Y
9	Drain water from reservoir pipe.		Y	Y	Y	Y
10	Lubricate vehicle.			Y	Y	Y
11	Check oil level in final drive. Fill if required.			Y	Y	Y
12	Brakes: a) Check adjustment of service and parking brake. Adjust if necessary. b) Check brake pad thickness.			Y	Y	Y
13	Check wheel bearings. Replace if necessary.				Y	Y
14	Brakes: a) Lubricate handbrake lever bearing and ratchet. b) Oil hand brake cable assembly. c) Adjust hand brake cables. d) Replace brake fluid. e) Check brake shoes. Adjust if necessary.				Y	Y
15	Steering: a) Check free play. b) Check ball joint on steering rods and supports for damage to rubber sleeves. Replace if necessary. c) Check steering column bearing. Tighten or loosen if required.				Y	Y
16	Check wiper blade. Replace if necessary.				Y	Y
17	Electric Control: a) Clear interior of cabinet. b) Check all earth connections, cable connections and fuses are secure. c) Check earthing contacts for burns and general condition.				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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18	Replace suction filter on sand flow compressor.				Y	Y
19	Electric Motor: a) Check carbon brush wear. If less than 5mm replace. b) Clean carbon bush holder and collector with compressed air. c) Check condition of collector. d) Check that the cable connections are secure. e) Check motor rolling bearing.					Y
20	Replace brake line pipe.					Y
21	Record all results into log book.	Y	Y	Y	Y	Y

Special Comments and Technical Data

DAILY SERVICE (BY SITE):
 A) TOP UP ELECTROLYTE LEVEL IN BATTERY WITH DISTILLED WATER BEFORE USE.
 B) CHARGE BATTERY AFTER USE.
 A SERVICE WEEKLY (BY SITE)
 B SERVICE 3 MONTHLY
 C SERVICE 6 MONTHLY
 D SERVICE ANNUALLY
 E SERVICE 8 YEARLY
 AFTER 2500 HOURS BALL BEARINGS IN MOTOR ARE TO BE REPLACED.
 SERVICE FREQUENCIES AND ACTIVITIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURERS RECOMMENDATIONS.

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