

Forklift Truck - Electric

Last Issue Date: 02/04/2012		Type Of Service				
Activity		A	B	C	D	E
1	General Check condition & operation of instrument / warning lights Check for chassis damage, loose bolts etc Check guards are secure and undamaged Check horn operation Check for any unusual noises or roughness in operation Check conditions of wheels / bearings Check controller operations - contactor, aceleration, plugging, speed limitations, emergency belly button Check hydraulic operations - switch & cylinder Clean the safety shield and the twist grips. Make any necessary adjustment to any of the above items		Y		Y	
2	Battery Test emmergency disconnect Check condition of leads and connectors Check electrolyte levels Take SG and voltage readings (load) Wipe top of battery and clean terminals		Y		Y	
3	Electrical Check all wiring and terminations Check condition and adjustment of all switches Check contactor tip condition and override Check condition of mast cables Motors - Check brush length and condition Check commuter condition Carry out earth leakage test				Y	
4	Brakes Check break adjustment - air gap Check condition of shoes or pads / rotor Check physical condition of pipes / hoses Check cylinders for leakage Check fluid level Check linkages for wear and damage Inflate tyres for correct pressure (if applicable) Check break operational stopping distance		Y		Y	
5	Hydraulics Check all hydraulic hoses for condition and leakage Check all hose clamps Clean pump and cylinders for leakage		Y		Y	
6	Steering Check chain adjustment and wear Check wear in column and linkages		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

Download Date: 22/12/2020

Forklift Truck - Electric

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 02/04/2012						
	Check steering turntable wear					
7	Transmission Check for leaks at plugs and seals Check for drive axle wear Check for mesh wear				Y	
8	Mast Check rail condition Check mast stops and latches Check roller and bearing condition Adjust for wear (where possible) Check lift chain condition and adjustment Check forklift condition and measure wear		Y		Y	
9	Lubrication Grease all grease nipples Grease reach, side shift and hoist rails Grease steering gears Lube all chains Lube linkages 'Amourall" mast cables (if applicable) Check hydraulic and gear oils				Y	
10	Battery charger Check plugs and leads Check physical condition Plug in battery and test operations				Y	
11	Check operation; - drive slowly in all directions. - operate through the full speed range in both forward and reverse.		Y		Y	
12	Record results in log book				Y	

**Special Comments and Technical Data**

D SERVICE ANNUAL; B SERVICE MONTHLY (HOSPITAL SITES)  
ALSO REFER TO MANUFACTURER'S RECOMENDATIONS FOR ADDITIONAL SERVICE DETAILS

**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

# Conditions of Use

A TDS should be used as a generic guide for Facilities Management Service Providers (FMSP) to deliver Facilities Maintenance Services, specifically Preventative Maintenance in accordance with the DPTI [Agency Work Procedure Manual](#).

Users of a TDS should familiarise themselves with the following **Conditions of Use**:

1. You use the information and data contained in any TDS published by DPTI at your sole risk. DPTI-AGFMA does not have the expertise to provide complete or accurate technical data schedules and provides these technical data sheets merely as a starting point and/or guide.
2. If you rely on the information in a TDS you are responsible for ensuring, by independent verification, its accuracy, currency and completeness. DPTI cannot guarantee that the information contained in a TDS meets the standards or requirements of legislative requirements.
3. A TDS is not an exhaustive list of tasks or obligations that may be required and is generally generic in nature. DPTI does not oblige the user of a TDS to rely on it to the exclusion of other sources of information. For example, manufacturer's requirements may need to be followed for additional and / or alternative tasks and for additional and / or alternative servicing frequencies. You should always check the primary source of information such as the Australian Standards, manufacturer's specifications, legislation and other standards before undertaking any work to which a schedule may apply.
4. You must apply appropriate risk management principles and carry out all tasks in accordance with obligations under the [Work Health and Safety Act 2012](#).
5. You must not use a TDS unless you meet the specific competency requirements for preventative maintenance servicing works and are capable of applying the TDS to your trade or area of expertise. A TDS is only to be used by people who are specifically instructed by DPTI to use them and only for work undertaken in South Australia.
6. DPTI, its agents, instrumentalities, officers and employees make no representations, express or implied, as to the accuracy of the information, the data contained in a TDS or the suitability of a TDS for a particular purpose.
7. DPTI does not provide legal advice. DPTI accepts no liability, howsoever arising, for any loss resulting from the use of a TDS and any information or data or reliance placed on them.
8. DPTI may change information and data in a TDS without notice.
9. DPTI may revise this disclaimer at any time by updating these Conditions of Use.