

Lifts - Screw Drive

| Activity | | Type Of Service | | | | |
|-----------------------------|---|-----------------|---|---|---|---|
| | | A | B | C | D | E |
| Last Issue Date: 18/02/2015 | | | | | | |
| 1 | Check operation landing level call station. | | | Y | Y | |
| 2 | Check pre-lock and through lock on landing level doors. | | | Y | Y | |
| 3 | Check door lock operating correctly on landing level doors. | | | Y | Y | |
| 4 | Check car lights. | | | Y | Y | |
| 5 | Check phone and intercom. | | | Y | Y | |
| 6 | Check in car operation. | | | Y | Y | |
| 7 | Check car floor level with landing level. | | | Y | Y | |
| 8 | Check general condition of car and ride quality. | | | Y | Y | |
| 9 | Check count sensors. | | | Y | Y | |
| 10 | Check door zone sensor. | | | Y | Y | |
| 11 | Check zero reset under travel switch. | | | Y | Y | |
| 12 | Check manual winder including switch. | | | Y | Y | |
| 13 | Check safety nut including its switch engagement. | | | Y | Y | |
| 14 | Check drive nut for wear. | | | Y | Y | |
| 15 | Check drive belts. | | | Y | Y | |
| 16 | Check condition of drive unit. | | | Y | Y | |
| 17 | Check motor brake. | | | Y | Y | |
| 18 | Check electrical connections of motor. | | | Y | Y | |
| 19 | Check lubrication level, adjust spouge. | | | Y | Y | |
| 20 | Check drive screw for damage. | | | Y | Y | |
| 21 | Clean excess oil and grease from drive unit. | | | Y | Y | |
| 22 | Check guide wheels for tightness and alignment. | | | Y | Y | |
| 23 | Check and lubricate guide rails and associated equipment. | | | Y | Y | |
| 24 | Check all lift clearances. | | | Y | Y | |
| 25 | Check pit stop including switch. | | | Y | Y | |
| 26 | Check UPS including leads and plugs. | | | Y | Y | |
| 27 | Check UPS voltage output with mains power off. | | | Y | Y | |
| 28 | Check trail cables. | | | Y | Y | |
| 29 | Check control box including contactors, relays and fuses. | | | Y | Y | |
| 30 | Check emergency lowering. | | | Y | Y | |
| 31 | Check and test operation of car safeties. | | | 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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| 32 | Check and test top flap switches and over travel switch. | | | Y | Y | |
| 33 | Check and test down stand pin switches. | | | Y | Y | |
| 34 | Check lift is running at correct speed. | | | Y | Y | |
| 35 | Carry out an inspection to statutory requirements. Provide a copy to the Facility Manager and also leave a copy in log book. | | | | Y | |
| 36 | Information to be included in inspection report. - Name and address of building - Name of manufacturer - Registration number - date of manufacture - Safe working load or rated working load - Name and address of person making the inspection - Date of the inspection - Description of any defects found - State whether the installation is safe to operate. | | | | Y | |
| 37 | Record results in log book. | | | Y | Y | |

Special Comments and Technical Data

C SERVICE 6 MONTHLY
 D SERVICE ANNUAL
 REGISTRATION REQUIRED EVERY 5 YEARS (REFER TO LF3)

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