

Bore - Pump - Lineshaft Turbine - Engine Driven

Last Issue Date: 30/01/2008		Type Of Service				
		A	B	C	D	E
Activity						
1	<p>BORE DATA SHEET</p> <p>The Bore Data Sheet shall be used in conjunction with this Technical Data Schedule and shall have all sections acknowledged and details of equipment, tests, findings and results recorded.</p>					Y
2	<p>WATER SAMPLING AND TESTING</p> <p>Water sample to be:-</p> <ul style="list-style-type: none"> <li>- collected in an approved sterile container.</li> <li>- processed/tested within 24 hours of collection.</li> <li>- analysed for iron bacteria and iron levels.</li> <li>- tested by NATA or ISO registered body or organisation.</li> </ul>					Y
3	<p>BOREHOLE TREATMENT</p> <p>Treat borehole with approved sterilising and disinfecting agent,</p> <p>*Note: Prior approval to be obtained and work to be carried out in accordance with the authorising agents requirements and instructions.</p>					Y
4	<p>ELECTRICAL CONTROLS</p> <p>Check condition and operation of all electrical controls including:-</p> <ul style="list-style-type: none"> <li>- all safety devices.</li> <li>- indicator lamps and alarms, if fitted.</li> <li>- contactors and relays especially for noise and/or wear.</li> <li>- all control equipment and sensing devices.</li> <li>- control cabinet, especially hinges, locks and for general cleanliness</li> </ul> <p>Check condition &amp; operation of batteries &amp; charger system including:-</p> <ul style="list-style-type: none"> <li>- solar panels, if fitted, especially for cleanliness.</li> <li>- tracking system, if fitted.</li> </ul>					Y
5	<p>ENGINE</p> <p>Check condition and operation of engine, including:-</p> <ul style="list-style-type: none"> <li>- fuel tank, fuel lines, fittings and filters especially for leaks or contamination.</li> <li>- drive mechanism.</li> </ul> <p>Service engine including:-</p> <ul style="list-style-type: none"> <li>- change engine oil and filter, if fitted.</li> <li>- check air filter.</li> </ul>					Y
6	<p>RIGHT ANGLE GEARBOX DRIVE</p> <p>Check condition and operation of gearbox drive including:-</p> <ul style="list-style-type: none"> <li>- change oil.</li> <li>- gear meshing, especially backlash.</li> <li>- for signs of wear.</li> <li>- drive shafts.</li> </ul>					Y
7	<p>Replace right angle gearbox drive bearings and oil seals.</p>					Y
8	<p>PUMP, PUMP DRIVE SHAFT AND COLUMN</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

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	Pump to be flow tested and results recorded, prior to any dismantling. Check column pipe especially for any signs of damage or corrosion. Check condition and operation of driveshaft/s especially:- - for wear or corrosion. - straightness. - joints and couplings. - bearings. Check condition and operation of pump including:- - dismantle and overhaul. Re-install pump and flow test to ensure compliance with manufacturer's printed performance criteria including:- - duty point. - minimum and maximum flow. - closed head. Check condition and operation of valves.					
9	Check bore pit, plinth and/or shed floor is clean & free of any debris					Y
10	Provide completed/updated copy of Bore Data Sheet and written report on tests, results and any recommendations.					Y
11	Record all results in log book.					Y

**Special Comments and Technical Data**

- \*ALL CARE SHOULD BE TAKEN AND EQUIPMENT STERILISED WITH AN APPROVED STERILISING AGENT TO PREVENT THE TRANSFER OF ANY CONTAMINATION, ESPECIALLY IRON BACTERIA.
- \*APPROVED STERILISING AGENT, SODIUM HYPERCHLORIDE 12% AT THE RATE OF 120 MG/LITRE, EQUATING TO 120 PPM.
- \*ENSURE BORE SITE IS LEFT FREE OF ANY CONTAMINANTS OR REFUSE E SERVICE AS REQUIRED, REFER TO S24 OR S24AA FOR ROUTINE MAINTENANCE.

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