

Bore - Pump - Draw Plunger Cyl - Engine Driven

Last Issue Date: 30/01/2008		Type Of Service				
		A	B	C	D	E
1	<p><b>BORE DATA SHEET</b> 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><b>WATER SAMPLING AND TESTING</b> Water sample to be:- - collected in an approved sterile container. - processed/tested within 24 hours of collection. - analysed for iron bacteria and iron levels. - tested by NATA or ISO registered body or organisation.</p>					Y
3	<p><b>BOREHOLE TREATMENT</b> Treat borehole with approved sterilising and disinfecting agent. *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><b>GEARING</b> Check condition and operation of:- - pinions and gearwheels, especially backlash. - pinion, main and gearwheel bearings. - connecting rods and crankpins. - crosshead, guide loop and guide roller. - oiling system. - pulleys for alignment, secure fixing and for signs of wear. Drain oil from reservoir, flush reservoir clean and refill with fresh oil to manufacturer's specifications, if fitted.</p>					Y
5	<p><b>ELECTRICAL CONTROLS</b> Check condition and operation of all electrical controls including:- - all safety devices. - indicator lamps and alarms. - contactors and relays, especially for noise and/or wear. - all control equipment and sensing devices. - all terminals and connections for contact, tightness and corrosion. - control cabinet, especially hinges, locks and for general cleanliness Check condition and operation of batteries and battery charger system, including:- - solar panels, if fitted, especially for cleanliness. - tracking system, if fitted.</p>					Y
6	<p><b>ENGINE</b> Check condition and operation of engine, including:- - condition, security and alignment of pulleys. - condition, alignment and tension of V belts. - fuel tank, fuel lines, fittings and filters especially for leaks or</p>					Y

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For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia  
Department of Planning,  
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	contamination. Service engine including:- - change engine oil and filter, if fitted. - check air filter.					
7	PUMP, PUMP ROD AND COLUMN Check column pipe especially for signs of damage or corrosion. Check condition and operation of pump including:- - barrel. - fit new buckets and pump cups. - plunger rod. - all valves.					Y
8	Check bore pit, plinth and/or floor is clean & free of any debris					Y
9	Provide completed/updated copy of Bore Data Sheet and written report on tests, results and any recommendations.					Y
10	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 SERVICE AS REQUIRED NOT AT ANY SPECIFIC FREQUENCY, REFER TO S24 OR S24B FOR ROUTINE SERVICE.

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