

Medical Suction System - Cattani

| Last Issue Date: 21/03/2019 | | Type Of Service | | | | |
|-----------------------------|---|-----------------|---|---|---|---|
| Activity | | A | B | C | D | E |
| 1 | Disinfect the suction system in accordance with the manufacturer's recommendations. | Y | Y | Y | Y | Y |
| 2 | FILTER: a) Remove the filter and clean with water; b) Clean the outside of the filter basket, the inside of the filter housing and the O-ring seal; c) Lubricate the O-ring; d) Insert an anti-foaming disinfectant tablet into the basket; and e) Reinstall the filter, checking the O-ring seal is seated correctly. If damaged, replace and advise the site rep. and facility manager. | Y | Y | Y | Y | Y |
| 3 | OPERATION CHECK: Run the unit at different pressures with fluid being aspirated through the unit and listen for any suspect or irregular noise. | | | Y | Y | Y |
| 4 | HOSES: a) Check all hoses are in good condition and replace if necessary; and b) Check all hose connections, tighten if necessary. | | | Y | Y | Y |
| 5 | CENTRIFUGE: a) Check for any leaks from the centrifuge; b) Inspect and clean the filter checking that the filter mesh is in good condition. (Refer activity 2 above). Replace the filter if required. c) Inspect and check the operation of the recirculation and bypass (if fitted) valves on the waste of the centrifuge. Replace the valve/s if wear is present. | | | Y | Y | Y |
| 6 | BLOWER (SUCTION MOTOR): Check that no fluids or foam have entered the suction motor. | | | Y | Y | Y |
| 7 | PCB (Process Control Block): a) Check inside the control panel for any foreign particles and clean if required; b) Check that the electrical connections are tight and sound; and c) Using the display, check the maximum detected temperature and alarm log for any signs of overheating or re-occurring faults and rectify if needed. | | | Y | Y | Y |
| 8 | ENVIRONMENT: a) Check the ventilation system is working and adequate and the unit is easily accessible and the area surrounding suction unit is clear; b) Ensure that the exhaust is being vented outside the room and check the exhaust pipe for any distortion; and c) Notify the site representative / facility manager if there are any concerns. | | | Y | Y | Y |
| 9 | ISO-18 Hydrocyclone: a) Drain the ISO cone of fluids & check the amalgam cup, if full advise the site representative to arrange for collection for recycling; c) Remove and clean the Hydrocyclone tip; d) Inspect the 5 holes in the top where the fluid enters the cone and ensure they are clear of any debris; e) Remove the top of the float chamber and inspect for signs of wear; | | | Y | 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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| | f) Check the condition of all O-rings & lubricate. Replace any worn O-rings; & g) Check the functioning of the level sensor on the amalgam canister. | | | | | |
| 10 | If applicable, replace the Hepa or bacterial filter cartridge. | | | Y | Y | Y |
| 11 | ELECTRICAL: a) TEST AND TAG: Check the tag date. If the service has not been done advise the site representative and the facility manager. (Refer Special Comments). b) Check the cable and electrical connections are undamaged and secure. | | | Y | Y | Y |
| 12 | Replace all O-ring seals and hoses. | | | | Y | Y |
| 13 | Undertake all the above activities and replace the following components: a) The recirculation and bypass (if fitted) valves; b) The inlet filter; c) The recirculation valve diaphragm; d) The vacuum hose; and e) The blower bearings and the seal. | | | | | Y |
| 14 | Record all the results in the log book. | Y | Y | Y | Y | Y |

Special Comments and Technical Data

A SERVICE DAILY / B SERVICE WEEKLY (BOTH UNDERTAKEN BY SITE)
 C SERVICE ANNUAL
 D SERVICE 2 YEARLY
 E SERVICE 5-6 YEARS (DEFAULT). THIS TIMEFRAME IS DEPENDENT ON USAGE AND IS TO BE DONE EVERY 8,000-10,000 HOURS.
 SERVICING ACTIVITIES & FREQUENCIES TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 ADVISE THE SITE REPRESENTATIVE AND FACILITY MANAGER IF: THERE ARE ANY CONCERNS THE DAILY AND WEEKLY ACTIVITIES ARE NOT BEING CARRIED OUT CORRECTLY & THE SERVICE MANUALS ARE NOT ACCESSIBLE FOR ANY OF THE SERVICES.
 FOR PLUG-IN TYPES THE RECOMMENDED TEST AND TAG SERVICE FREQUENCY IS ANNUAL (DEFAULT), USE TDS E09B. NOTE: FOR FREQUENCY PARAMETERS REFER TO TDS E09, SPECIAL COMMENTS.
 FOR CLINICAL AND DAY CARE INSTALLATIONS THE SERVICING IS TO COMPLY WITH AS2896 WHICH DOES NOT COVER INSTALLATIONS IN LABORATORIES AND HOSPITAL DENTAL UNITS.
 APPLICABLE LEGISLATION: PUBLIC HEALTH ACT.

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