# **AFTER CARE SERVICE REPORT**

**SMART SUCTION** 



| CATTANI DEALER:   |               |                   |  |
|-------------------|---------------|-------------------|--|
| Address:          |               |                   |  |
| Suburb:           | State:        | Post Code:        |  |
| Technician:       |               |                   |  |
| Phone:            | Email:        |                   |  |
| CUSTOMER:         |               |                   |  |
| Address:          |               |                   |  |
| Suburb:           | State:        | Post Code:        |  |
| Technician:       |               |                   |  |
| Phone:            | Email:        | Email:            |  |
| PRODUCT:          |               |                   |  |
| Description:      |               |                   |  |
| Serial Number:    | Gen Code:     | Act. Code:        |  |
| Invoice Number:   | Date of Sale: | <br>Date of Sale: |  |
| Installation Date | Hours Run:    |                   |  |



#### **AFTER CARE SERVICE SCHEDULE**

|    | VICE<br>JE | NO<br>HYDROCYCLONE AMALGAM<br>SEPARATOR | WITH<br>HYDROCYCLONE AMALGAM<br>SEPARATOR | SERVICE KIT<br>QUANTITY |  |
|----|------------|---|---|-------------------------|--|
| YE | AR         |   |   |                         |  |
|    | 1          | MINOR SERVICE                           | MINOR SERVICE                             |                         |  |
|    | 2          | MINOR SERVICE                           | MINOR & INTERMEDIATE SERVICE              |                         |  |
|    | 3          | MINOR SERVICE                           | MINOR SERVICE                             |                         |  |
|    | 4          | MINOR SERVICE                           | MINOR & INTERMEDIATE SERVICE              |                         |  |
|    | 5          | MINOR SERVICE & MAJOR SERVICE           | MINOR SERVICE & MAJOR SERVICE             |                         |  |
|    | 6          | MINOR SERVICE                           | MINOR & INTERMEDIATE SERVICE              |                         |  |
|    | 7          | MINOR SERVICE                           | MINOR SERVICE                             |                         |  |
|    | 8          | MINOR SERVICE                           | MINOR & INTERMEDIATE SERVICE              |                         |  |
|    | 9          | MINOR SERVICE                           | MINOR SERVICE                             |                         |  |
|    | 10         | MINOR SERVICE                           | MINOR & INTERMEDIATE SERVICE              |                         |  |

PLEASE NOTE: HEPA FILTERS ARE TO BE REPLACED ANNUALLY IF FITTED.

### **MINOR SERVICE TASKS**

| TASK |   | COMPLETED Please Tick |
|------|---|-----------------------|
| 1    | Clean and service suction inlet housing and filter. Replace inlet filter o-ring and lubricate with Lubri-Jet silicone drops. <b>PLEASE NOTE:</b> Excessive debris can be an indication of insufficient daily disinfection or ineffective infection prevention and control processes.  |                       |
| 2    | If fitted with a Hydrocyclone Amalgam Separator remove the amalgam cup, inspect nozzle at the base of the Hydrocylcone cone for any blockages, lubricate seal and cup locking guides. <b>NOTE:</b> Ensure that dental clinic is aware that EcoCycle offer an amalgam recycling service and sell spare cups. Call AUS: 1300 32 62 92   NZ: 0800 732 922. |                       |
| 3    | Inspect all tubing (suction inlet, fluid waste outlet, exhaust and internal), checking for loose connections or any leaks. Replace as necessary.  |                       |
| 4    | Schedule next suction system service as per Cattani After Care Service Schedule.  |                       |

## **INTERMEDIATE SERVICE TASKS**

| TASK |  | <b>COMPLETED</b> Please Tick |
|------|--|------------------------------|
| 1    | Remove and fully dismantle Hydrocyclone Amalgam Separator assembly.  |                              |
| 2    | Clean and service all internal parts. <b>IMPORTANT:</b> Note the condition of the brass valve (C-244185) and the cage (C-200207).  |                              |
| 3    | Replace all grey ISO tubing.   |                              |
| 4    | Reassemble Hydrocyclone Amalgam Separator assembly and refit to SMART Suction unit.  |                              |
| 5    | Test suction system to ensure no leaks are present at the Hydrocyclone Amalgam Separator. <b>PLEASE NOTE:</b> Ensure dental clinic is aware of EcoCycle amalgam recycling. |                              |
| 6    | Schedule next suction system service as per Cattani After Care Service Schedule.   |                              |

# MAJOR SERVICE TASKS

| TASK |  | COMPLETED Please Tick |
|------|--|-----------------------|
| 1    | Remove centrifuge and suction motor from SMART suction unit.   |                       |
| 2    | Fully dismantle centrifuge, replace (bearings, oil seal, flap valve, o-rings, end cover and cooling fan). Once complete reassemble.  |                       |
| 3    | Fully dismantle suction motor, replace (bearings, oil seal, foam and cages, gasket, end cover, cooling and rubber mounts). Once complete reassemble.                             |                       |
| 4    | Fit centrifuge and suction motor in frame. Replace suction hose between suction motor and centrifuge. Replace exhaust tubing between suction motor and exhaust non-return valve. |                       |
| 5    | Schedule next suction system service as per Cattani After Care Service Schedule.   |                       |

#### **TEST AND INSPECTION TASKS**

| TASK    |   |      | <b>TUS</b><br>se Tick | NOTES                            |
|---------|---|------|-----------------------|----------------------------------|
| 1       | Perform electrical safety test. Fit tag on plug end of power cable displaying "PASS" result.  |      | OK                    |                                  |
| 2       | Check machine start-up cycle and document fimrware versions.  |      |                       | Keypad:                          |
|         |   | Ш    | 0K                    | Inverter:                        |
| 3       | Test ON/OFF switching of machine (when disconnected from surgery plumbing and switching circuits).  |      | OK                    |                                  |
| 4       | Check direction of centrifuge motor rotation (rotates clockwise when viewed from above).  |      | OK                    |                                  |
| 5       | Check direction of suction motor rotation (rotates anti-clockwise when viewed from right hand side of cooling fan cowling).   |      | OK                    |                                  |
| 6       | Verify motor start sequence (centrifuge first and suction motor second).  |      | OK                    |                                  |
| 7       | Verify motor stop sequence (suction motor first and centrifuge second). Time and document off delay time for centrifuge.  |      | OK                    | Off delay time:                  |
| 8       | Verify vacuum at the suction inlet of the machine. Test maximum suction frequency and document. <b>IMPORTANT:</b> Maximum frequency should match the unit being tested.   |      |                       |                                  |
|         | Maximum Frequencies:  |      |                       | Maximum suction motor frequency: |
|         | Micro SMART = 120Hz Turbo SMART B = 110Hz   |      | OK                    | suction motor requertey.         |
|         | Micro SMART CUBE = 145Hz Turbo SMART B CUBE = 165Hz   |      |                       | Hz                               |
|         | Turbo SMART A = 85Hz Turbo SMART 2V = 110Hz   |      |                       |                                  |
|         | Turbo SMART A CUBE = 140Hz Turbo SMART HP = 90Hz  |      |                       |                                  |
| 9       | Check for abnormal noises or air leaks during operation.  |      | OK                    |                                  |
| 10      | Inspect plant-room ventilation and verify specification and vent size for the site. Fan Ventilation Formula: Watts x 0.15 = m <sup>3</sup> /hr.   |      | OK                    |                                  |
| 11      | Measure plant-room temperature.  IMPORTANT: Ambient temperature must not exceed 30°C if the suction unit is installed with a Cattani Compressor. If there is no Compressor installed in the same plantroom then ambient temperature must not exceed 35°C. |      | OK                    |                                  |
| 12      | Schedule next suction system service as per Cattani After Care Service Schedule.  |      | 0K                    |                                  |
| Signatu | re:   | Date | :                     |                                  |

## **SALES AND TECHNICAL SUPPORT**



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