



Title: Preventive Maintenance of Air Jet Washing & Cleaning Machine

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	1 of 2

1.0 OBJECTIVE:

To describe a procedure for the preventive maintenance of Air Jet Washing & Cleaning machine.

1.0 SCOPE:

This procedure applies to the Engineering department.

2.0 RESPONSIBILITY

Engineering

4.0 ACCOUNTABILITY

Plant Head

5.0 REFERENCE (S)

In-house.

6.0 PROCEDURE

6.1 Procedure for mechanical work:

6.1.1 Switch off the power supply of the machine and put "under maintenance" label.

6.1.2 Check air or vacuum valve for any leakages.

6.1.3 Check oil level of vacuum pump.

6.1.4 Check Motor & vacuum pump.

6.1.5 Check the vacuum pump filter.

6.1.6 Check & clean air nozzles.

6.1.7 Clean compressed air filter and top the oil level in the filter regulator unit.

6.2 Procedure for electrical work:

6.2.1 Clean the panel and tighten the wire connection

6.3 Procedure for trial run:

6.3.1 Switch on the main power supply & also switch on the compressed air supply.

6.3.2 Check the vacuum.

6.3.3 Start the machine as per SOP.

6.3.4 Switch off the power supply.

6.3.5 Check & record the observations as per Annexure-I.

6.3.6 Remove "Under Maintenance" label & affix the preventive maintenance status tag and inform the concerned department.

6.4 Frequency of preventive maintenance is monthly

6.5 HISTORY:

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE
	The vacuum pump filter checking and new frequency of preventive maintenance is incorporated.	

8.0 ABBREVIATIONS: The abbreviations used in the SOP are:

SOP - Standard Operating Procedure

No. - Number

QA - Quality Assurance



PHARMA DEVILS
ENGINEERING DEPARTMENT

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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR AIR JET WASHING & CLEANING MACHINE.

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1.	Check vacuum pump oil level.		
2.	Check all the electrical connections.		
3.	Check pneumatic tubing connections.		
4.	Check air filter regulators.		

Done by
(Sign & date)

Checked by
(Sign & date)