



Title: Preventive Maintenance of Metal Detector

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	1 of 3

1.0 OBJECTIVE

1.1 To describe a procedure for the preventive maintenance of metal detector.

2.0 SCOPE

2.1 This procedure applies to the Engineering department.

3.0 RESPONSIBILITY

3.1 Engineering

4.0 ACCOUNTABILITY

4.1 Plant Head

5.0 REFERENCE (S)

5.1 In-house.

6.0 PROCEDURE

6.1 Procedure for mechanical work:

- 6.1.1 Switch off the power supply to the machine and put “under maintenance” label.
- 6.1.2 Check condition of in feed & discharge chutes.
- 6.1.3 Check locking arrangement of metal detector assembly on vertical stand.
- 6.1.4 Switch on the mains & check functioning of diversion chutes.

6.2 Procedure for electrical work:

- 6.2.1 Check electrical connections & component.

6.3 Procedure for trial run:

- 6.3.1 Switch the power supply.
- 6.3.2 Run the machine according to SOP.
- 6.3.3 Check & record the observations as per Annexure-1.

6.4 Procedure for handover of the machines.

- 6.4.1 Remove under maintenance label & affix Preventive maintenance status tag and inform the concerned department.

6.5 Frequency of preventive maintenance is once two months.

7.0 HISTORY

02.03 Details are given below.

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE



PHARMA DEVILS

ENGINEERING DEPARTMENT

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8.0 ABBREVIATIONS: The abbreviations used in the SOP are as follows:

- 8.1 SOP - Standard Operating Procedure
- 8.2 No. - Number
- 8.3 QA - Quality Assurance



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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR METAL DETECTOR

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1	Checking of electrical connection.		
2	Checking of collection pan.		
3	Checking of proper oiling.		
4	Checking of nut bolts.		

Done by
(Sign & date)

Checked by
(Sign & date)