



Title: Preventive Maintenance of Steam Jacketed Kettle

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

1.0 OBJECTIVE

1.1 To describe a procedure for the preventive maintenance of steam jacketed kettle.

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 Switch off the power supply of the machine and put “under maintenance” label.

6.2 Check for any steam leakages.

6.3 Check spring plunger of safety valve.

6.4 Clean the steam trap.

6.5 Procedure for trial run.

6.5.1 Open the steam valve and check the operation of the kettle.

6.5.2 Check & record the observations as per Annexure-1.

6.6 Procedure for handover of the machines.

6.6.1 Remove under maintenance label & affix preventive maintenance status tag and inform the concerned department.

6.7 Frequency of preventive maintenance is once in two months.

7.0 HISTORY

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE

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



PHARMA DEVILS

ENGINEERING DEPARTMENT

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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR STEAM JACKETED KETTLE

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1	Checking for steam leakage.		
2	Checking of safety valve plunger.		
3	Checking of steam trap.		

Done by
(Sign & date)

Checked by
(Sign & date)