



# PHARMA DEVILS

PRODUCTION DEPARTMENT

## STANDARD OPERATING PROCEDURE

<b>Department:</b> Production	<b>SOP No.:</b>
<b>Title:</b> Cleaning and Operation of Portable IR Thermometer	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

**Vernacular SOP:** No

### 1.0 OBJECTIVE:

1.1 To lay down the procedure for Cleaning and Operation of Portable IR Thermometer.

### 2.0 SCOPE:

2.1 This SOP is applicable for Cleaning and Operation of Portable IR Thermometer in General Block.

### 3.0 RESPONSIBILITY:

3.1 Technical associate/ Officer/ Executive (Production/IPQA): Follow the procedure for Cleaning and Operation of Portable IR Thermometer

3.2 Department HOD (Production/IPQA): SOP compliance of Cleaning and Operation of Portable IR Thermometer

### 4.0 DEFINITIONS:

4.1 NA

### 5.0 PROCEDURE:

#### 5.1 CLEANING

5.1.1 After every use clean the portable IR thermometer by using dry lint free cloth.

#### 5.2 OPERATION:

5.2.1 °C/°F and Battery: Pull open the unit's handle using the finger indents near the trigger to access the C/F switch or to insert/remove the battery. To toggle between °C and °F, push the switch. Insert the 9 volt battery into the battery compartment.

5.2.2 To measure a temperature, point gun LASER at object and pull the trigger. Temperature reading will display in C/F.

5.2.3 The backlit LCD displays the current temperature in Celsius or Fahrenheit. The unit will hold the reading for 7 seconds after trigger is released; the word HOLD appears.

5.2.4 The presence of the battery icon indicates a low battery.

5.2.5 Portable IR thermometer is used when even temperature probe is not feasible to use or if required.

#### 5.3 PRECAUTIONS:



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- 5.3.1 Not recommended for use in measuring shiny or polished metal surfaces (stainless steel, aluminum, etc.).
- 5.3.2 The unit cannot measure through transparent surfaces such as glass. It will measure the surface temperature of the glass instead.
- 5.3.3 Steam, dust, smoke, etc., can prevent accurate measurement by obstructing the unit's optics.
- 5.3.4 Do not aim the LASER into the eyes.

### 6.0 ABBREVIATION (S):

- 6.1 IPQA : In Process Quality Assurance
- 6.2 HOD : Head of Department
- 6.3 IR : Infra-red
- 6.4 °C : Degree Celsius
- 6.5 °F : Degree Fahrenheit
- 6.6 LCD : Liquid Crystal Display

### 7.0 REFERENCE (S):

- 7.1 NA

### 8.0 ANNEXURE (S):

- 8.1 NA

### 9.0 DISTRIBUTION COPY:

- 9.1 **Master Copy:** Quality Assurance
- 9.2 **Control Copy (s):** Quality Assurance (01), Production (01)
- 9.3 **Reference copy (s):** Production Department (01)

### 10.0 REVISION HISTORY:

S.No.	Version No.	Change Control No.	Reason (s) for Revision	Details of Revision	Effective Date
1.	00		New SOP	NA	