



# PHARMA DEVILS

## PRODUCTION DEPARTMENT

### STANDARD OPERATING PROCEDURE

<b>Department:</b> Production	<b>SOP No.:</b>
<b>Title:</b> SOP for Operation of Autocoater	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

**Purpose:** To lay down operating procedure for the operation of Autocoater.

**Scope:** This procedure is applicable for .....

**Responsibility:** Production Chemist  
To supervise the activity

**Pre-operating Check:** Check no material or residue should be there.

**Equipment used:** Autocoater (150 kg)

#### Operation:

1. Connect the silicon pipes to SS tank & the peristaltic pump.
2. Load the tablets into the pan.
3. Set the system operation serially as:  
Press F3 → D→E→F→G→H→I→J s
4. Check the flow of automized spray by moving out the spray bar.
5. Start the stirrer.
6. Adjust the hot air & exhaust air pressure by adjusting hot air & Exhaust air damper controller.
7. Adjust the atomizing air & fan air pressure to 2kg/cm<sup>2</sup> & 3 kg/cm<sup>2</sup> Respectively.
8. Press spray air key K & peristaltic pump key L.
9. Adjust the RPM of the peristaltic pump as required.
10. Adjust the inlet, outlet & bed temperature & press ENTER.
11. To confirm the temperature setting, Press U once & Prev.SR twice.
12. Check the spray pattern, move the spray bar inside the pan .
13. Start the pan by adjusting the speed-adjusting knob.
14. At the end of the process, switch OFF the spray air, peristaltic Pump, atomizing & fan air knob.



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#### PRECAUTIONS:

1. Before starting the operation, always check the clockwise rotation of the pan.
2. Check the insertion of silicon tubes in the peristaltic pump & check any twisting/folding in the silicon tubes.
3. Check the rotation of pressure roller for peristaltic pump.
4. While moving the spray bar inside the pan, keep the atomizing & Fan air pressure to zero & stop the spray bar key K & peristaltic Pump key L.
5. Do not touch key A 7 b during operation, when the system is in Manual.
6. Observe the alarm during the process & take the necessary action.