



PHARMA DEVILS

PRODUCTION DEPARTMENT

STANDARD OPERATING PROCEDURE

Title: Procedure for Operation and Cleaning of Online Visual Inspection (Empty And Filled Bottles) Conveyor Belt/Inspection Table

SOP No.:		Department:	Production	
		Effective Date:		
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1.0 OBJECTIVE:

To lay down a procedure for Operation & Cleaning of online visual inspection (Empty and filled bottles) conveyor belt / inspection Table.

2.0 SCOPE:

This SOP is applicable for operation & Cleaning of online visual inspection (Empty and filled bottles) conveyor belt/Inspection table.

3.0 RESPONSIBILITY:

Officer / Executive- Production

4.0 ACCOUNTABILITY:

Head-Production

5.0 ABBREVIATIONS:

SOP	Standard Operating Procedure
PL	Production Liquid
Pvt.	Private
IPQA	In-process Quality Assurance

6.0 PROCEDURE:

6.1 OPERATION:

6.1.1 Visual Inspection before washing.

6.1.1.1 Ensure the area and machines are clean and shall be verified by IPQA before operation.

6.1.1.2 Transfer the bottle from store to De-cartooning area as per **SOP** after getting line clearance from QA.

6.1.1.3 Connect the plug with electricity supply and switch on the button, light of the inspection table will start glowing. Ensure that all tube light start working.

6.1.1.4 Put the empty bottle on the glass surface of inspection table and check visually for any defect like foreign particle, cracked, De shaped etc.

6.1.1.5 Discard the rejected bottle in rejected tray after checking and transfer good bottle for washing area.

6.1.2 Visual Inspection after washing.

6.1.2.1 Ensure the area and machine is clean and shall be verified by IPQA before operation.



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6.1.2.2 Switch 'ON' the mains knob.

6.1.2.3 Switch 'ON' the conveyer & and set the speed by control knob.

6.1.2.4 Put the washed empty bottles on the conveyer.

6.1.2.5 Allow to pass the washed empty bottles through magnifying glass attached with visual inspection conveyer belt.

6.1.2.6 All washed empty bottles shall be visually checked for its cleanliness, dryness, free from any adhered foreign material, any visual defects like denting, damaged & crakes etc.

6.1.2.7 Defective bottles shall be removed from the conveyer and kept in rejected tray.

6.1.2.8 Good empty bottles shall be allowed for further process like filling and sealing.

6.1.3 Visual Inspection after filling and sealing.

6.1.3.1 After filling and sealing, the filled bottles shall be passed through the visual inspection belt having required visual lux tube light and black / white inspection board inside of the inspection hood.

6.1.3.2 All filled bottles shall be visually checked for any defects like less/more fill volume against standard, sealing/crimping defects, bottle/cap denting, suspended foreign particles and leakage.

6.1.3.3 Defected bottles shall be removed from the conveyer and rejected with proper status label.

6.1.3.4 Good filled bottles shall be allowed for further packing process.

6.2 CLEANING:

6.2.1 Ensure the equipment having the status label as "TO BE CLEANED".

6.2.2 Remove the previous batch/product bottles from conveyor belt/ inspection table.

6.2.3 Clean the conveyer belt, magnifying glass/base glass of empty bottle inspection, nylon rubber belt, internal lighting, black & white station, SS table and hood for final inspection by moping with wet lint free cloth followed by dry lint free cloth.

6.2.4 Affix the **CLEANED** label to the equipment.



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7.0 ANNEXURES:

Not Applicable

8.0 DISTRIBUTION:

- Controlled Copy No. 01 Quality Assurance
- Controlled Copy No.02 Production
- Master Copy Quality Assurance

9.0 REFERENCES:

Not Applicable

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revision No.	Change Control No.	Details of Changes	Reason for Change	Effective Date	Updated By