QUALITY ASSURANCE DEPARTMENT

| STANDARD OPERATING PROCEDURE | | |
|--|------------------------|--|
| Department: Quality Assurance | SOP No.: | |
| Title: Terminal Inspection and Transfer of Finished Goods | Effective Date: | |
| Supersedes: Nil | Review Date: | |
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1.0 **OBJECTIVE**:

To lay down a procedure for Terminal Inspection and Transfer of Finished Goods.

2.0 SCOPE:

This SOP is applicable for Terminal Inspection and Transfer of Finished Goods at

3.0 RESPONSIBILITY:

Officer/Executive- QA

4.0 ACCOUNTABILITY:

Head - QA

5.0 DEFINITION: Not Applicable.

6.0 PROCEDURE:

- **6.1** During secondary packing of batch, production personnel shall prepare intimation for Terminal Inspection in "Terminal Inspection Intimation cum Inspection Report", as Annexure-I.
- 6.2 Intimation may be raised by production for terminal inspection in case of partial release.
- 6.3 IPQA person shall receive the intimation from production and select the Nos. of shippers for terminal inspection as per below mentioned criteria including first & last shipper and lower & higher weight shipper. Terminal inspection observation details shall be filled by QA in "Terminal Inspection Check List", as per Annexure-II.

| A | Selection of Packed Corrugated Boxes | | |
|------------|--------------------------------------|---|--|
| i) | 10 or less | 100% | |
| ii) | 11 to 100 | 20% of total C. boxes but not less than 10 Nos. | |
| iii) | More than 100 | 10% of total C. boxes but not less than 20 Nos. | |
| В | Selection of Shrink Pack | | |
| i) | Less than 50 | 30% | |
| ii) | Pack of 50 to 100 | 15% but not less than 15 Nos. | |
| iii) | Pack more than 100 | 8% but not less than 15 Nos. | |
| C | Selection of Unit Pack | | |

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| i) | Less than 50 | 30% | |
|-------|---|------------------------------|--|
| ii) | Pack of 50 to 100 15% but not less than 15 Nos. | | |
| iii) | Pack more than 100 | 8% but not less than 15 Nos. | |
| D | Following Parameters to be Checked, but not limited to: | | |
| i) | No. of shipper received | | |
| ii) | Name of the product | | |
| iii) | B. No., Mfg., Expiry, Retail. Price | | |
| iv) | Spreading of ink on label | | |
| v) | Quantity of unit pack Ampoules/Vial per shipper | | |
| vi) | Quantity of Ampoules/vial per catch cover/carton | | |
| vii) | BOPP tape printed/plain | | |
| viii) | Quality of shipper (5ply/7ply/others) | | |

6.3.1 If any Critical defects shall be observed during terminal inspection, hold the batch for 100 % rechecking by production followed by re verification by QA. Details of critical defects are given below, but not limited to:

Critical Defects:

- ➤ Containers without Label/Reverse Label
- ➤ Containers or cartons without Batch Coding/Cut Batch Coding.
- > Cartons without Containers/SWFI etc.
- > Containers without Medicine.
- > Crack or broken Containers
- ➤ Observation of particulate matter
- > Sealing defects
- **6.3.2** In case of major defects hold the material and send to production packing department for necessary correction according to identified issue. Details of major defects are given below, but not limited to:

Major Defects:

➤ B. No., Mfg., Exp. and retail price on Carton/Labels is not readable.

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- ➤ Weight/volume of drug is not within specified limit in Ampoule/Vials/bottles.
- ➤ Less or more quantity of unit packed in container.
- > Spreading of ink on label & carton
- **6.3.3** In case of minor defects, solve the problem on-the-spot. Details of minor defects are given below are given below, but not limited to:

Minor Defects:

- > Shipper has dent
- ➤ BOPP tape is not properly placed.
- ➤ Label on shipper is not properly placed.
- **6.3.4** After Corrective action IPQA Officer/Executive shall again check the defect marked and approve the product.
- 6.3.5 IPQA Pack stock inspector shall mention the Inspection details in "Final Terminal Inspection Report" as mentioned in Annexure-III
- **6.3.6** Partially batch can be transferred in case of any urgency after verification of complete documents of relevant product.
- 6.4 IPQA Officer/Executive shall check the final Terminal Inspection Check List along with respective products BMR/ BPR and after satisfactory review of all required documents, IPQA personnel shall mention their remark in required column of "Terminal Inspection Intimation cum Inspection Report" and submit to production personnel.
- After receiving of satisfactory remark from IPQA personnel in "Terminal Inspection Intimation cum Inspection Report" production personnel shall generate the Transfer ticket for the said batch of product and submitted to IPQA Officer/Executive.
- 6.6 IPQA Personnel e shall check the Transfer .Ticket and match the quantity & other details of Transfer ticket with "Terminal Inspection Intimation cum Inspection Report" & also with respective product

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BPR and after satisfactory review of the same, IPQA personnel shall put their signature in Transfer ticket & handover to Production department for transfer of batch to FG warehouse.

- 6.7 After receiving of transfer ticket Production personnel shall transfer the batch to FG warehouse area along with Transfer ticket for awaiting of release. Two transfer tickets along with complete terminal inspection report shall be enclosed with respective product BPR.
- **6.8** Record the Inspection Report details in "Terminal Inspection Record Log" as mentioned in Annexure-IV.

7.0 ABBREVIATIONS:

SOP Standard Operating Procedure

QA Quality Assurance QC Quality Control

No. Number Ltd. Limited

FG Finished Goods
B. No. Batch Number
T.T. Transfer Ticket

Qty. Quantity

Mfg. Manufacturing

IPQA In Process Quality Assurance

Exp. Expiry

BMR Batch manufacturing record

BPR Batch packing records

8.0 ANNEXURE:

| ANNEXURE No. | TITLE OF ANNEXURE | FORMAT No. |
|---------------|--|------------|
| Annexure-I | Terminal Inspection Intimation cum Inspection Report | |
| Annexure-II | Terminal Inspection Check List | |
| Annexure- III | Final Terminal Inspection Report | |
| Annexure- IV | Terminal Inspection Record Log | |



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9.0 **DISTRIBUTION:**

Master CopyControl CopyQuality AssuranceQuality Assurance

• Control Copy Production

10.0 REFERENCES:

Not Applicable

11.0 REVISION HISTORY:

| Revision No. | Change Control No. | Details of Changes | Reason of Changes | Effective Date | Done By |
|--------------|-----------------------|-----------------------|----------------------|----------------|----------------|
| 00 | Not Applicable | Not Applicable | New SOP | | |



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ANNEXURE-I TERMINAL INSPECTION INTIMATION CUM INSPECTION REPORT

| Date:- | | | |
|----------------------------|--------------------------|---------------------------|--|
| Floor | Section | Line | |
| Product Name | | Batch Size | |
| Batch No. | Mfg. Date | Exp. Date | |
| Intact Packed Qty. Details | | Loose Packed Qty. Details | |
| Total Packed Qty. | | Total No. of Packed C.B. | |
| Product Type | Sales/PS/Hospital Supply | | |
| Manufactured For: | | | |

Officer/Executive - Production Sign & Date

Head – Production Sign & Date

| T.I. Report No. | Date | |
|--------------------|--------------------------|--|
| Intact Packed Qty. | Loose Packed Qty.: | |
| Total Packed Qty.: | Total No. of Packed C.B. | |

QA Remark:

The Product Packed is/is not of Standard Quality and hence it May/May not be transferred to Finished Goods Store in "Under Test"/"Approved" Area.

Officer/Executive - QA Sign & Date Head – QA Sign & Date



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ANNEXURE –II TERMINAL INSPECTION CHECK LIST

| Product Name | | | Mfg. Date | | |
|---------------------|---|------------------------------|--|-------------|--------|
| Batch Number | | | Exp. Date | | |
| Batch Size | | | Date | | |
| Pack Size | | | | • | |
| Item | Check Parar | neters | Qty. Checked | Observation | Remark |
| | Packed shipper shall be checked a clean & un-mutilated. | nd ensured that it is intact | | | |
| | No. of Ply shall be checked and it mentioned in it's Specification. | shall be same as | | | |
| | Klass marking details must be che on the outer surface of all the C. B | | | | |
| | Printed Matter on Packing Slip sh | all be identical with | Total No. of C.B.: | | |
| Communicated Box | respect to Product's BMR/BPR (wapplicable. | | Checked C.B. No. | | |
| Corrugated Box | Product Name | | | | |
| | Batch No. | | | | |
| | Mfg. Date | | | | |
| | Exp. Date | | | | |
| | Pack Size | | | | |
| | Manufactured By | | | | - |
| | Marketed By: | | | | - |
| | Printed Matter on all the Outer Ca Carton shall be identical with resp BPR. | | Total No. of Shrink Packed / Outer Carton Checked: | | |
| Outer Carton / | Additional Inserts | | | | |
| Shrink Wrapped | Batch coding information | | | | |
| Carton | Batch number | | | | |
| | Mfg. Date | | | | |
| | Exp. Date | | | | |
| | *M.R.P. with (I.A.T.) | | | | |
| | Ink quality | 4/I1C.C | Transition of | | |
| Inner Carton | Printed Matter on all the inner Car | | Total No. of Inner Carton /Container | | |
| /Tray/ Label of | Container as well as it's Quality si respect to Product's BMR & BPR | | Checked: | | |
| Container | Packing Specification | . 0.5 | Checked. | | |



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| | STA | CEDURE | | | | | |
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| | | | | | | | |
| | Additional Inserts | | | | | | |
| | Generic Name | | | | | | |
| | Product Name | | | | | | |
| | Batch number | | | | | | |
| | Mfg. Date | | | | | | |
| | Exp. Date | | | | | | |
| | *M.R.P. | | | | | | |
| | Ink quality | Ink should not is erase after small rubbing | | | | | |
| | Labeling | Improper labeling not allowed. | | | | | |
| | Cleanliness | Each Unit must be properly cleaned | | | | | |

Checked By: (Sign & Date)



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ANNEXURE –III FINAL TERMINAL INSPECTION REPORT

| Generic Name | | | | | Shift | | Date | |
|---------------------|-----------------|------------|---------|---------|----------------------|--|------------------------------|--------|
| Product Name | | | | | Line | | Transfer 1 | Detail |
| Batch No. | N | Ifg Date | | | Section | | Part | Qty. |
| Batch Size | E | xp. Date | | Sale/P. | le/P.S./Export/Other | | \mathbf{I}^{st} | |
| MRP Rs./Unit | P | Pack Size | | | | | | |
| MRP Rs./Carton | N | Ianufactui | red For | | | | $\mathbf{III}^{\mathrm{rd}}$ | |
| Sample Detail | Control + Extra | | | Party | | | Stability | |

| | | Pac | xing Style | | Weight Range | | | | |
|--------|--------|-------------------------|-------------|----|----------------|---------|--|--|--|
| S. No |). | Pack | Qty. | | Mono Cart | ton | | | |
| 1. | Mo | no Carton Pack/ Tray Pa | ick | | | | | | |
| 2. | Shr | ink | | | Shrink | | | | |
| 3. | Blis | ter Pack | | | Outer Carton | | | | |
| 4. | Out | er Carton Pack | | | | | | | |
| 5. | Cor | rugated Box Pack | | | Corrugated Box | | | | |
| | Total | No. of Checked C. Box | | | | | | | |
| | Total | No. of Packed C. Box | | СВ | CB Ply | | | | |
| S. No. | CB No. | Checked CB Wt. | Observation | | Rechecked CB | Remarks | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Done By Sign. & Date Checked By (Prod.) Sign. & Date

Verified By (QA) Sign. & Date



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ANNEXURE –IV TERMINAL INSPECTION RECORD LOG

| S.No. | Product Name | B. No. | B. Size | Pack Size | Mfg. | Exp. | Transfer Qty. | Gross Yield | Net Yield | Rej. Qty | % Rejection | Sample Qty. | Transfer Date | Market | Sign & Date (QA) | Remarks |
|-------|-----------------|-----------|------------|--------------|------|------|---------------|----------------|--------------|-------------|----------------|----------------|------------------|--------|---------------------|---------|
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