

Equipment Specification Data Sheet

Equipment Name: Labelling Printer

Document No.: DS/LPR 01

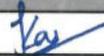
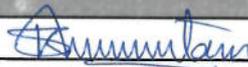
Revision: 00

Project No.: 120310

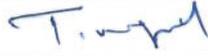
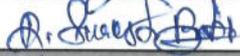
Project Name: Integrated Vaccines Complex,
Chengalpattu

| Block Code | Block Name | Identification No. | Capacity | Quantity |
|------------|----------------|--------------------|----------|----------|
| Q1 | Admin, QA & QC | Q1-LPR 01-03 | - | 3 |

NNE Pharmaplan India Limited

| Name | Designation | Signature | Date |
|---------------------|-----------------------|--|------------|
| Prepared by | | | |
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| Mr. Krishna Amrutam | Manager - Formulation |  | 2016-10-26 |

HLL Biotech Limited

| Name | Designation | Signature | Date |
|--|-------------|--|------------|
| Reviewed by | | | |
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| Project Authority DAMAN K.R | CEO |  | 04/11/16 |

Equipment Specification Data Sheet

HLL Biotech Limited, CHENNAI

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INTEGRATED VACCINES COMPLEX, CHENGALPATTU

Equipment Name Labelling Printer

Project No. 120310

Document No. DS/LPR 01



| | | |
|-----------|--|---|
| 1 | Process Requirement | |
| 1.1 | Labelling Printer used for printing of lables in ware house and Raw & Packing material team in QC | |
| 2 | Equipment ID | |
| 2.1 | Q1-LPR 01-03 | |
| 3 | Technical Specification | |
| 3.1 | Print width | 4.09 inc/104mm |
| 3.2 | Print Length | 130inch |
| 3.3 | Maximum Speed | 14 ips/356mm per second <u>For Microbiology 6 ips/152mm per second</u> |
| 3.4 | Print Resolution | 203dpi/8 dots per mm |
| 3.5 | Ribbons length | 450 m |
| 3.6 | Display | LCD |
| 3.7 | Ink durability | Vax resin 20 years |
| 3.8 | Printing Direction | Horizontal/vertical |
| 3.9 | Printing technology | Thermal tranfer/Thermal direct |
| 3.10 | Roll paper thickness | 0.058 - 0.25mm |
| 3.11 | Roll dimensions | 203.OD and 76mm ID |
| 3.12 | Ribbon dimensions | 81.3 mm OD & 25.4mm ID |
| 3.13 | Media sensors | Tranmissive and reflective |
| 3.14 | Memory of instrument | 256 MB RAM,512 Flash memeory |
| 3.15 | Power supply | To be compatible to standard Indian Power supply socket |
| 3.16 | Quantity | 3 Nos |
| 3.17 | Dimensions (W x D x H) Internal Work area External dimensions | Vendor to specify |
| 4 | Material of Construction | |
| 4.1 | Body | Metal frame and Bifold media frame |
| 4.2 | Finishes | Design of the equipment should enhance cleaning by providing minimum sharp corners, minimum crevices and smooth finished welds joints |
| 5 | Specific Equipment Requirements | |
| 5.1 | Compatable PC should be provided | |
| 5.2 | Suitable ribbons are provided | |
| 5.3 | The body construction shall provide tempearture stability. | |
| 5.4 | The equipment shall be compatible for cleaning with all standard disinfectants | |
| 6 | Other Requirement | |
| 6.1 | Training/Demo for the users on operation and cleaning to be provided. | |
| 7 | Regulatory aspects | |
| 7.1 | CE certification | |
| 8 | Safety Requirements | |
| | Following facilities must be provided to protect personnel and equipment: | |
| 8.1 | Appropriate closure of all parts | |
| 8.2 | Proper earthing is necessary | |
| 8.4 | Noise level should be below 60 decible at a distance of 1m from the equipment | |
| 9 | Documents | |
| 9.1 | Following documents, but not limited to these, are expected from the vendor as part of the supply package in hard copy as well as editable electronic file | |
| 9.2 | IOQ document. | |
| 9.3 | Warranty Letter for Minimum 1 year from the date of installation. | |
| 9.4 | Vendor should provide list of standard spare parts with ordering information. | |
| 9.5 | Vendor should provide list of change parts (if applicable) with ordering information | |
| 10 | Timelines | |
| 10.1 | Not Applicable | |
| 11 | Preferred list of Makes | |

| nne pharmaplan® | INTEGRATED VACCINES COMPLEX, CHENGALPATTU | |  <small>HBL BIOTECH LIMITED</small> | | |
|------------------------------------|---|-------------------|---|----------------------|-------------------|
| | Equipment Name | Labelling Printer | | | |
| | Project No. | 120310 | | | |
| | Document No. | DS/LPR 01 | | | |
| 11.1 | Zebra | | | | |
| | NOTE: Accurate size and technical specification need to be mentioned by the vendor | | | | |
| Table-1: Equipment location | | | | | |
| Equipment ID | Block Name | Room Name | Room No | Room dimension in mm | Room height in mm |
| Q1-LPR 01-03 | Admin, QA & QC | Pkg. Mat. Lab | Q1S027 | 3915X2765 | 2400 |
| | | | | | |
| | | | | | |
| | | | | | |
| Table-2: Change Log | | | | | |
| Date | Name / Initial | Revision | Section | Change/Comment | |
| 16.10.2016 | RHSE | 00 | - | New Document | |
| | | | | | |
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