

Equipment Specification Data Sheet

Equipment Name: Shipper Strapping Machine

Document No.: DS-STM 01

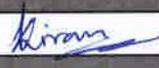
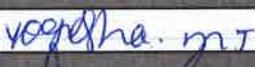
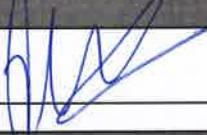
Revision: 02

Project No.: 120310

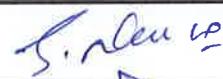
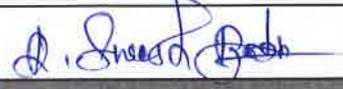
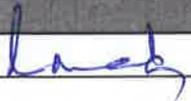
Project Name: Integrated Vaccines Complex,
Chengalpattu

Block Code	Block Name	Identification No.	Capacity	Quantity
P1	Secondary Packaging	P1-STM 01	20 shipper strapping/min	1
P1	Secondary Packaging	P1-STM 02	20 shipper strapping/min	1

NNE Pharmaplan India Limited

Name	Designation	Signature	Date
Prepared by			
Mr. Kiran Kumar M S	Engineer - Process		13.07.2015
Checked by			
Mr. Yogesha M J	Engineer - Process		13.07.2015
Approved by			
Mr. Vikas Katial	GM - Projects (SME) & Head COC		13.07.2015

HLL Biotech Limited

Name	Designation	Signature	Date
Reviewed by			
CH. LAKSHMI PUNNARAO	DM - Formulation		14.07.2015
VIGNESHWARAN.T	DM-PROJECTS		14.7.15
Approved by			
G. NARASIMHA REDDY	Sr. manager		16.07.2015
	DM		17.07.2015
Authorized by			
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Equipment Specification Data Sheet

HLL BIOTECH LIMITED, CHENNAI

nne pharmaplan	INTEGRATED VACCINES COMPLEX, CHEGALPATTU		 HBL <small>HLL BIOTECH LIMITED A Subsidiary of HLL Limited An Undertaking of India Company</small>
	Equipment Name	Shipper Strapping Machine	
	Document No.	DS-STM 01	
	Revision No.	02	

1	Process requirements	
1.1	This equipment will be used to strap the shippers in the specified configuration	
2	Equipment ID	
2.1	P1-CSM-01	
2.3	P1-CSM-02	
3	Technical Specification	
3.1	Model	cGMP
3.2	Type	Semi-automatic
3.3	Strapping Tension	Vendor to specify
3.4	Strapping Speed	It should in take 20 shippers / minute
3.5	Quantity	2 nos
	Shipping Weight	Vendor to specify
3.7	Power Consumption, KW	Vendor to specify
3.8	Dimension (H x W x L) in mm	Vendor to specify
4	Material Of Construction	
4.1	Body	SS 304 or Powder coated
4.2	Roller drive	SS 304
4.3	strapping material	polypropylene (PP) strap
4.4	Belt drive	Clean room compliant / FDA approved material
5	Specific Requirements	
5.1	Shipper Straping Machine should be suitable for strapping the cartons with below mentioned dimensions in specified configuration	
	DIMENSION (~)	(L x W x H) 590 ± 5 mm x 475 ± 5mm x 395 ± 5 mm
5.2	Instant-heating systems shall be provided with high safety.	
	Simple adjustable strap guide shall be provided to accommodate required strap width.	
5.4	It shall be easy to adjust tension from low to high.	
5.5	Infeeder shall be designed to load the cartons manually and also to receive the catons from the upstream machine through conveyor.	
5.6	Suitable cutting mechanism to be provided for the strapping material.	
5.7	Suitable control system shall be provided to control the strapping speed and other settable parameters.	
5.8	Equipment should stop with alarm if the infeed is empty for continuous 5 minutes.	
5.9	Strapping material roll shall be designed for easy loading in minimal time.	
5.10	Alarm shall be generated if the strapping material is empty.	
6	Other Requirements	
	Not Applicable	

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HLL BIOTECH LIMITED, CHENNAI

nne pharmaplan	INTEGRATED VACCINES COMPLEX,CHEGALPATTU		 <small>HLL BIOTECH LIMITED (Subsidiary of HLL Limited, A Government of India Enterprise)</small>
	Equipment Name	Shipper Strapping Machine	
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7	Regulatory guidelines / standards
	Not Applicable
8	Safety
8.1	Noise level should be below <75 dB.
8.2	Heat given out of the equipment should be stated.
9	Documents
9.1	Operation and maintenance manual.
9.2	warranty shall be of 1 year from the date of completion
9.3	IOQ Protocol to be provided by Vendor
9.4	DQ Documents
9.5	MOC certificates.
	NOTE: Accurate size and technical specification need to be mentioned by the vendor.

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HLL BIOTECH LIMITED, CHENNAI

nne pharma plan	INTEGRATED VACCINES COMPLEX, CHEGALPATTU		 HBL <small>HLL BIOTECH LIMITED Subsidiary of HLL Lifescare Limited A Government of India Enterprise</small>
	Equipment Name	Shipper Strapping Machine	
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Table-1: Equipment location

Equipment ID	Block Name	Room Name	Room No	Room dimension in mm	Room height in mm
P1-CSM 01	Secondary Packaging	Secondary Packing Hall - 1	P1G011	29200 X 8150	3000
P1-CSM 02		Secondary Packing Hall - 3	P1G009	29200 X 8150	3000

Table-2: Change Log

Date	Name	Revision	Section	Change/Comment
12-03-2015	Kiran Kumar M S	00	-	New document
23-06-2015	Yogesha M J	01	All	Updated as per comments received from HBL dated 19.06.2015
13-07-2015	Yogesha M J	02	All	Updated as per discussion had with HBL on 13-07-2015

Table-3: Annexure

Not applicable