



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

**USER REQUIREMENT SPECIFICATION
FOR
GRAMENT WASHING MACHINE**

00

LOCATION	THREE PIECE LINE
SUPERSEDES URS No.	NIL



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

CONTENTS

S.No.	TITLE	PAGE No.
1.0	APPROVAL	03
2.0	OBJECTIVE	04
3.0	SCOPE	04
4.0	RESPONSIBILITY	05
5.0	GMP / REGULATORY REQUIREMENTS	06
6.0	SYSTEM OVERVIEW	07
6.1	TECHNICAL SPECIFICATION	07
7.0	OTHER REQUIREMENT AND CONSTRAINTS	08
8.0	LIFE CYCLE	09
8.1	DEVELOPMENT	09
8.2	TESTING	09
8.3	SUPPORT	09
8.4	DELIVERY	09
9.0	DOCUMENTS TO BE PROVIDED	10
10.0	REVIEW COMMENTS	11
11.0	ABBREVIATIONS	12



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

1.0 APPROVAL:

INITIATED BY:

DESIGNATION	NAME	SIGNATURE	DATE
OFFICER/EXECUTIVE (QUALITY ASSURANCE)			

REVIEWED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (PRODUCTION)			
HEAD (ENGINEERING)			

APPROVED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (QUALITY ASSURANCE)			



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

2.0 OBJECTIVE:

- The User Requirements Specification (URS) is provided to aid the user through the critical aspects of Fabrication, Facility for Installation of Required Instruments, Cleaning / Proper Maintenance, machine that meets the user's needs in the most cost-effective method possible.
- The URS is then provided to Vendor to submit a Price Quote for procurement of Garment washing machine.
- The URS shall help Vendor in understanding the end user requirement in details. This document shall help vendor for developing the Design Specification, which on approval by the Site, will become a Contractual Agreement between Vendor and the Site.
- This URS Shall be recognized as an integral part of the procurement agreement with the vendor. The vendor will abide by the information and conditions set forth by this document as well as the Standard Purchase Terms and Conditions of the Site.

3.0 SCOPE:

- The scope of this document is limited to the User Requirement Specification (URS) of Garment Washing machine of the Site.
- The URS shall be used as a reference document for Design Qualification considering all aspects of Current Good Manufacturing Practices (cGMP) and Safety.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

4.0 RESPONSIBILITY:

The Team, comprising of a representative from each of the following departments shall be responsible for the overall compliance of this URS.

DEPARTMENTS	RESPONSIBILITIES
Quality Assurance	<ul style="list-style-type: none">• Initiation and Approval of User Requirement Specification.• Co-ordination with User Department to prepare User Requirement Specification.• To check the completeness and Technical Accuracy of the URS.
User Department	<ul style="list-style-type: none">• Review of User Requirement Specification for compliance with the Product Requirement.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

5.0 GMP/REGULATORY REQUIREMENTS:

The Purpose of procuring garment Washing machine is to clean & dry sterile area garment in injection Block.

- Schedule–M “Good Laboratory Practices and Requirements of Premises, Plant & Equipments for Pharmaceuticals Products”.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

6.0 SYSTEM OVERVIEW:

Garment Washing Machine is designed to wash the used garments by 3- Step Washing (Rubbing, shaking and disentangling). Machine should be able to eliminate the dirty particles, grease, and oil from used garments

6.1 TECHNICAL SPECIFICATION:

S.No.	Name of the Component	MOC	Technical Specification
1.0	Equipment Name	----	Garment washing machine
2.0	Capacity	----	8.0 Kg (Turbo Drum)
3.0	Overall Size of the Machine	----	As per your specification
4.0	Color	----	As per your specification
5.0	Program	----	Fuzzy / Wool / Quick Wash
6.0	Washing Type	----	3- Step Washing (Rubbing, rubbing & shaking,
7.0	Temperature Selection	----	Hot / Warm / Cold
8.0	Hot/ Cold Water inlet	----	Hot / Cold
9.0	Window (Glass Type)	----	Transparent (Glass)
10.0	Other Features	----	Auto Balance System, Child Lock, Digital
11.0	Inner Tube	SS	As per your specification
12.0	Powder Detergent Box	----	Process requirement
13.0	Function Selector	----	Process requirement
14.0	Drain Hose	----	Process requirement
15.0	Adjustable Legs	----	Process requirement
16.0	Water Supply Hose	----	Process requirement
17.0	Castors	----	Process requirement
18.0	Tub	SS	Process requirement
19.0	Start/ Pause Button	----	Process requirement



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

7.0 OTHER REQUIREMENTS AND CONSTRAINTS:

➤ **FUNCTIONAL REQUIREMENTS:**

- Washing machine shall comply as, industrial purpose.

➤ **RELIABILITY AND AVAILABILITY:**

- The system shall be available for continuous operation.
- Material of construction used shall be suitable for the intended service so as to withstand the working stress without frequent break down.

➤ **MAINTENANCE:**

- The system shall allow for maintenance by trained site personnel with supplier recommended tools and practices.
- The supplier shall replace the parts found to be damaged/ broken during Installation.
- The supplier shall be available at the site when asked in case of major breakdown.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

8.0 LIFE CYCLE:

8.1 DEVELOPMENT:

- The supplier shall follow industrial purpose in design, development, construction and Installation of the Machine.

8.2 TESTING:

- The system shall be Factory tested by the supplier with approval witness.
- The system shall be commissioned and qualified at site for Installation and Operation by the supplier with approval witness.

8.3 SUPPORT:

- Supplier shall provide support for Preventive maintenance plan development, Operation & cleaning procedure for garment washing machine, Assembly and Operator training.
- Supplier shall provide Safety Manuals during Installation, Operation & Calibration at the site.

8.4 DELIVERY:

- All parts of the system shall be sourced, delivered and installed by the Supplier.
- The supplier shall provide Functional design specification (MOC & Calibration Certificates) and Operation Manual in Soft as well as Hard Copy.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

9.0 DOCUMENTS TO BE PROVIDED:

- Operating & Service Manual
- Spare Part List.
- Warranty Certificate of machine

Note: The whole URS is a tentative document. Manufacturer or Vendor will be solely responsible for performance of machine specified in the catalogue or during discussion at the time of finalization of purchase order. Specifications and details mentioned in the DQ, duly signed by Vendor/ Manufacturer and duly signed by Head QA will be treated as final specifications of the machine.

The said DQ will be treated as an integral part of purchase order.



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

10.0 REVIEW COMMENTS:

- For any changes in the design/make of the machine if not as per the URS, prior intimation/approval should be taken by the supplier from the Site.
- All parts should have MOC certificates, test certificates, Calibration certificates for traceability and authenticity.

Approved By: _____
(Head QA)
(Sign./Date)



PHARMA DEVILS

**USER REQUIREMENT SPECIFICATION
FOR
GARMENT WASHING MACHINE**

URS No.:

11.0 ABBREVIATIONS:

URS	:	User Requirement Specification
DQ	:	Design Qualification
IQ	:	Installation Qualification
OQ	:	Operational Qualification
MOC	:	Material of Construction
cGMP	:	Current Good Manufacturing Practices
SS	:	Stainless Steel
QA	:	Quality Assurance
DWM	:	Dress washing machine