



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

PLASTICS WOVEN BAG TESTING LAB-TECHNICAL TRAINING & RESEARCH  
CENTRE- TTRC (A DIVISION OF LOHIA CORP LIMITED), AMILHA TTRC  
COMPLEX, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8214

**Page No**

1 of 5

**Validity**

21/12/2024 to 20/12/2028

**Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 14738
2	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 14968, Annex C
3	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 16187, Annex B
4	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 16208, Annex C
5	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 9755, Annex F
6	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 14887, Annex C
7	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	GPM of Fabric	IS 1964
8	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 14968, Annex C
9	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 11652
10	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 13360 (Part 8, Section 8), Method A
11	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 14887, Annex D
12	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 14968, Annex D
13	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 16208, Annex D
14	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 16703, Annex D



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

PLASTICS WOVEN BAG TESTING LAB-TECHNICAL TRAINING & RESEARCH  
CENTRE- TTRC (A DIVISION OF LOHIA CORP LIMITED), AMILHA TTRC  
COMPLEX, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8214

**Page No**

2 of 5

**Validity**

21/12/2024 to 20/12/2028

**Last Amended on -**

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
15	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 16709, Annex E
16	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 7903, Annex F
17	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	IS 9755, Annex C
18	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ash Content	ISO 3451-1, Method - A
19	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking Strength of Bottom Seam	IS 9030
20	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking Strength of Fabric	ASTM D5035
21	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking Strength of Fabric	IS 1969 (Part 1)
22	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking Strength of Fabric	ISO 13934-1
23	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking Strength of Tape/Yarn	IS 1670
24	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE woven sack)	Breaking strength of UV stabilized PP/HDPE after being exposed to UV Radiation & Weathering	IS 11652, Annex F
25	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 14738
26	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 14887, Annex C
27	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 16187, Annex B
28	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 16208, Annex C
29	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	IS 9755, Annex F
30	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 11652, Annex B

**This is annexure to 'Certificate of Accreditation' and does not require any signature.**



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

PLASTICS WOVEN BAG TESTING LAB-TECHNICAL TRAINING & RESEARCH  
CENTRE- TTRC (A DIVISION OF LOHIA CORP LIMITED), AMILHA TTRC  
COMPLEX, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8214

**Page No**

3 of 5

**Validity**

21/12/2024 to 20/12/2028

**Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
31	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 14887, Annex B
32	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 14968, Annex B
33	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 16208, Annex B
34	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 16709, Annex B
35	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 1954
36	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Length)	IS 9755, Annex B
37	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 11652, Annex B
38	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 14887, Annex B
39	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 14968, Annex B
40	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 16208, Annex B
41	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 16709, Annex B
42	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 1954
43	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Dimension (Width)	IS 9755, Annex B
44	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation at break of UV stabilized PP/HDPE Fabric After being exposed to UV Radiation & Weathering	IS 11652, Annex F
45	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation of Fabric	ASTM D5035
46	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation of Fabric	IS 1969 (Part 1)
47	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation of Fabric	ISO 13934-1
48	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Elongation of Tape/Yarn	IS 1670
49	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 11652, Annex B





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

PLASTICS WOVEN BAG TESTING LAB-TECHNICAL TRAINING & RESEARCH  
CENTRE- TTRC (A DIVISION OF LOHIA CORP LIMITED), AMILHA TTRC  
COMPLEX, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8214

**Page No**

4 of 5

**Validity**

21/12/2024 to 20/12/2028

**Last Amended on -**

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
50	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 14887, Annex B
51	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 14968, Annex B
52	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 16208, Annex B
53	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 16709, Annex B
54	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 1963
55	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Ends per dm	IS 9755, Annex B
56	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	GSM of Fabric	IS 1964
57	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Liner Density of Tape (Denier)	IS 6192, Annex C
58	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Mass of Liner	IS 1964
59	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Mass of Sack	IS 1964
60	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Mass of sack/Fabric	IS 7903, Annex B & C
61	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Melt Flow Index of Plastics	ASTMD 1238
62	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Melt Flow Rate of plastics	ISO 1133-1
63	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Melt Flow Rate of Plastics (MFI)	IS 13360 (Part 4, Section 1)
64	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 11652, Annex B
65	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 14887, Annex B
66	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 14968, Annex B
67	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 16208, Annex B
68	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 16709, Annex B
69	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 1963



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

PLASTICS WOVEN BAG TESTING LAB-TECHNICAL TRAINING & RESEARCH  
CENTRE- TTRC (A DIVISION OF LOHIA CORP LIMITED), AMILHA TTRC  
COMPLEX, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8214

**Page No**

5 of 5

**Validity**

21/12/2024 to 20/12/2028

**Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
70	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Picks per dm	IS 9755, Annex B
71	MECHANICAL- TEXTILE MATERIALS	Packaging Textile (PP/HDPE Woven Sack)	Width of Tape	IS 6192, Annex B
72	MECHANICAL- TEXTILE MATERIALS	Plastics woven fabric	Elongation at break of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	ISO 21898, Annex A
73	MECHANICAL- TEXTILE MATERIALS	Plastics woven fabric	Breaking strength of UV stabilized PP/HDPE fabric after being exposed to UV Radiation and Weathering	ISO 21898, Annex A
74	MECHANICAL- TEXTILE MATERIALS	PP/HDPE Tape & Fabric	Heat Shrinkage	IS 6192
75	MECHANICAL- TEXTILE MATERIALS	PP/HDPE Woven bag	Drop Impact strength	IS 11652
76	MECHANICAL- TEXTILE MATERIALS	PP/HDPE Woven Bag	Drop Impact Strength	IS 16703
77	MECHANICAL- TEXTILE MATERIALS	PP/HDPE Woven bag	Drop Impact Strength	IS 16709
78	MECHANICAL- TEXTILE MATERIALS	PP/HDPE Woven bag	Drop Impact Strength	IS 9755
79	MECHANICAL- TEXTILE MATERIALS	Textiles — Polypropylene (PP) Woven, Laminated, Block Bottom Valve Sacks for Packaging of 50 kg Cement	Nominal capacity	IS 16709
80	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging Fertilizers	Nominal Capacity	IS 9755
81	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging of 10kg, 15kg, 20kg, 25kg & 30kg food grains	Nominal capacity	IS 16208
82	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging of 25kg Polymer Materials	Nominal filling capacity	IS 16703
83	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging of 50kg cement	Nominal capacity	IS 11652
84	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging of 50kg food grains	Nominal capacity	IS 14887
85	MECHANICAL- TEXTILE MATERIALS	Textiles- High density Polyethylene (HDPE)/Polypropylene (PP) woven sacks for packaging of 50kg/25kg Sugar	Nominal capacity	IS 14968