



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8214 Page No. : 1 / 2

Validity 21/12/2018 to 20/12/2020 Last Amended on -

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Ash Content	IS 14887 Annexure D: 2014	1 % to 30 %
2	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Average Breaking Strength of Fabric (Lengthwise)	IS 1969 (Part 1) : 2009, RA : 2014	250 N to 1100 N
3	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Average Breaking Strength of Fabric (Widthwise)	IS 1969 (Part 1) : 2009, RA : 2014	250 N to 1100 N
4	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Dimensions (Inside Length)	IS 14887 Annexure B: 2014	10 mm to 1000 mm
5	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Dimensions (Inside Width)	IS 14887 Annexure B: 2014	10 mm to 1000 mm
6	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Elongation at break of Fabric (Lengthwise)	IS 1969 (Part 1) : 2009, RA : 2014	10 % to 50 %
7	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Elongation at break of Fabric (Widthwise)	IS 1969 (Part 1) : 2009, RA : 2014	10 % to 50 %
8	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Elongation at break of UV stablized HDPE/PP fabric after been exposed to UV radiation and weathering (Lengthwise)	IS 1969 (Part 1) : 2009, RA : 2014	5 % to 25 %



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
9	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Elongation at break of UV stablized HDPE/PP fabric after been exposed to UV radiation and weathering (Widthwise)	IS 1969 (Part 1) : 2009, RA : 2014	5 % to 25 %
10	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Ends per dm	IS 14887 Annexure B: 2014	30 per dm to 50 per dm
11	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Mass of Sack	IS 1964 Method A: 2014 RA: 2017	40 g to 160 g
12	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Minimum Breaking Strength of Bottom Steam	IS 9030: 1979 RA: 2014	250 N to 1000 N
13	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	Picks per dm	IS 14887, Annexure B: 2014	30 per dm to 50 per dm
14	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	UV Resistance & Mechanical Testing post UV exposure (Lengthwise)	IS 1969 (Part 1): 2009 RA: 2014	125 N to 1100 N
15	MECHANICAL-TEXTILE MATERIALS	HDPE/PP Woven Sacks for Packaging of 50 kg Food Grains	UV Resistance & Mechanical Testing post UV exposure (Widthwise)	IS 1969 (Part 1): 2009 RA: 2014	125 N to 1100 N