



TEST REPORT
(BIS & NABL ACCREDITED AND RITES, NAVY,
DGS&D, DGAQS, AIRPORT AUTHORITY APPROVED LAB)

Test report as per IS : 15298 (Part-2):2016
Report No : A1809380 Dated: 18.10.2018
Ref. No. : N.A. Dated: N.A.
Customer Name : Hindustan Rubber & Plastic Industries.
Customer Address : Plot no D1 & D-2,U.P.S.I.D.C Site-B,Industrial Area,Sikandra,Agra
Telephones : N.A.
Fax : N.A.
Email : hrpi_shoes@yahoo.com.

PART: A - PARTICULARS OF SAMPLE SUBMITTED

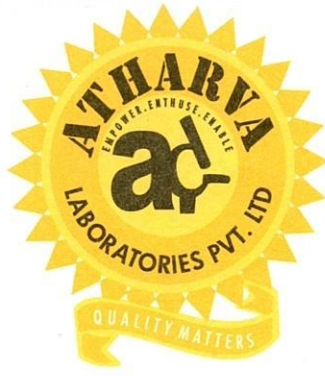
Nature of Sample : Personal Protective Equipment (Safety Footwear)
Material Description : Upper-Leather, Quarter Lining- Non Woven Textile, Vamp Lining-Non Woven Textile,
Tongue- Synthetic, Insole- Woven Textile, Sock- Synthetic, Outsole- Single density PU.
Grade/Variety/Type/Class/Size : Design-A, Class-I, Size-10.
Brand name : N.A. Declared values : N.A.
Code No : N.A. Batch No. & Date of manufacture : N.A.
Quantity : 5 Pairs Mode of Packing : Cartoon box.
BIS seal : N.A. Letter signature by : N.A.
Date of receipt : 29.09.2018 Any other Information : N.A.

PART: B- SUPPLEMENTARY INFORMATION

- a) Reference to sampling procedure, wherever applicable: NA
b) Supporting documents for the measurements taken and results derived like graphs, table, sketches and photograph: if any: NA
c) Deviation from the test methods as prescribed in relevant ISS/Work Instruction, if any: NA

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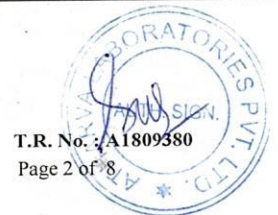


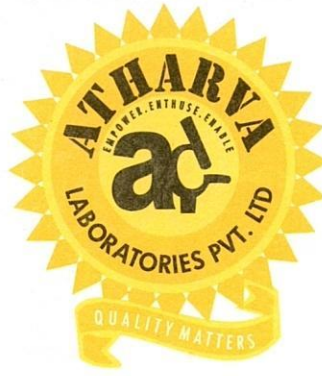
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PART: C- Test Result

Sl. No.	Name of the Test	Size of shoe	Clause no	Unit	Test Value Obtained	Specified Requirement	Conformity
1	Classification of shoe	Code designation-I (Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear)					
2	Design	10	5.2	--	Design A	Illustrated in figure 3 of IS 15298(Part 2):2016	Conform
a	Height of Upper (h)	10	5.2.2 Table -4	mm	89.6	<117	Conform
b	Seat region	10	5.2.3	--	The seat region was closed and There was no holes other than to form seams below the minimum height given for design A in table 10	The seat region shall be closed. There shall be no holes other than to form seams below the minimum height given for design A in table 10	Conform
3	Whole footwear	5.3					
a	Sole performance	5.3.1					
i.	Construction	10	5.3.1.1	--	Conform	Insole shall not be removed without damaging the footwear	Conform
ii.	Upper/outsole Bond strength	10	5.3.1.2	N/mm	5.2	4.0 (Min)& 3.0(Min) in case of sole tearing	Conform
b	Toe Protection (Metallic toecap)	5.3.2					
i.	General	10	5.3.2.1	--	Conform	Toecap shall be incorporated in such a manner that they cannot be removed without damaging the footwear. With the exception of all rubber and all polymeric footwear, fitted with internal toecaps shall have a vamp lining or an element of upper that serves as a lining and in addition the toecaps shall have an edge covering extending from the back edge of the toecap to at least 5 mm beneath it and at least 10mm in the opposite direction. Width of flange Shall Not greater than 10 mm scuff resistance coverings for the toe region shall be not less than 1 mm in thickness.	Conform

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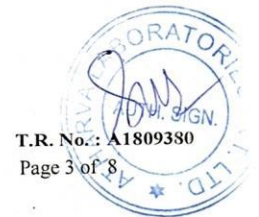




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Sl. No.	Name of the Test	Size of shoe	Clause no	Unit	Test Value Obtained	Specified Requirement	Conformity
ii.	Internal Length of Toecap	10	5.3.2.2 Table -5	mm	42.4	40 (Min.)	Conform
c	Impact Resistance (Metallic toecap)		5.3.2.3				
i.	Impact resistance of safety footwear	10	5.3.2.3 Table -6	mm	19.2 toecap was not develop any cracks on the test axis through which light can be seen	The clearance under toecap 14.5 (Min) and toecap shall not develop any cracks on the test axis through which light can be seen	Conform
d	Compression Resistance (Metallic toecap)		5.3.2.4				
i.	Compression resistance of safety footwear	10	5.3.2.4 Table -6	mm	20.3	The clearance under toecap 14.0 (Min)	Conform
e	Behavior of Toe-Caps		5.3.2.5				
i.	Corrosion resistance of metal toecaps	10	5.3.2.5.1	mm ²	No Corrosion observed	Corrosion shall not exhibit more than 3 areas and none of which shall exceed 2.0 mm in any direction.	Conform
f	Leak proof footwear	10	5.3.3	--	NA for Classification-I	Shall be no leakage of air	N.A.
g	Specific ergonomic features (Questionnaire)		5.3.4				
i.	Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury?					Yes	OK
ii.	Are there no pinch points caused by the toecap or the edge covering of the toecap?					Yes	OK
iii.	Is the footwear free of features that you consider to make wearing the footwear hazardous.					Yes	OK
iv.	Can the fastening be adequately adjusted? (if necessary)					Yes	OK
v.	Can the following activities be performed without problems:						
	Walking (For 5 min at speed approx. 6Km/hr)					Yes	OK
	Climbing stairs (climb & descent 17 ± 3 stairs for 1 min)					Yes	OK
	Kneeling/crouching down (Figure 1 of EN ISO 20344)					Yes	OK

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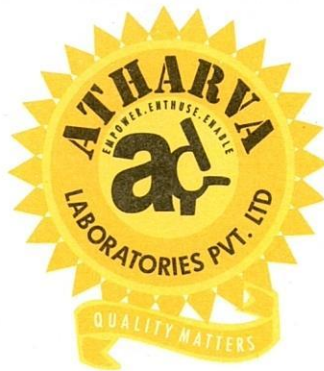


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Sl. No	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
h	Slip resistance		5.3.5				
i.	Slip Resistance on Ceramic floor with NaLS solution (SRA)	10	5.3.5.2	--			Conform
	i)Condition A (Forward Heel Slip)				0.31	≥0.28	
	ii) Condition B (Forward Flat Slip)				0.36	≥0.32	
4	Upper (Leather)		5.4				
a	General	10	5.4.1 Table -10	mm	63.6	52 (Min)	Conform
b	Thickness	10	5.4.2 Table -11	mm	(Not Applicable for leather)	Rubber 1.50(Min)Polymeric1.0 (Min)	N.A.
c	Tear strength	10	5.4.3 Table -12	N	289.3	120 (Min)	Conform
d	Tensile strength	10	5.4.4 Table -13	N/mm ²	34.3	15 (Min)	Conform
e	Flexing resistance (Rubber/polymer)	10	5.4.5 Table -14	--	(Not Applicable for leather)	Rubber- No cracking before 125000 flexes, Polymeric- No cracking before 150000 flexes	N.A.
F	Water Vapour Permeability	10	5.4.6	mg/cm ² .h	1.7	0.8 (Min)	Conform
g	Water Vapour Coefficient	10	5 4.6	mg/cm ²	24.6	15 (Min)	Conform
h	pH value	10	5.4.7	--	4.4	3.2(Min), If pH value below 4 the difference figure shall be less than 0.7	Conform
i	Hydrolysis	10	5.4.8	mm	(Not Applicable for leather)	No cracking shall occurs before 150000 flexing cycle	N.A.
j	Chromium VI Content	10	5.4.9	mg/kg	Not detected	Shall not exceed 3.0 mg/kg	Conform

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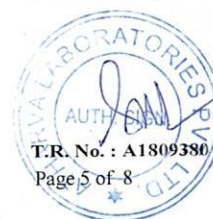

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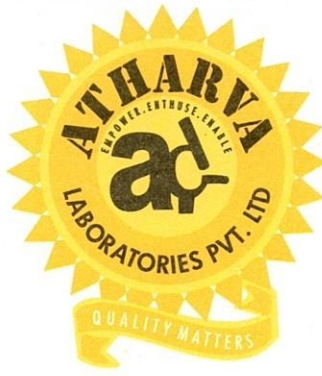


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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
5	Lining -Vamp		5.5				
a	Tear strength	10	5.5.1 Table -15	N	46.5	15 (Min)	Conform
b	Abrasion resistance	10	5.5.2	--	No development of hole	Shall not develop any holes	Conform
	i)Dry 25,600 cycles					Shall not develop any holes	Conform
	ii)Wet 12,800 cycles			--	No development of hole	Shall not develop any holes	Conform
c	Water Vapour permeability	10	5.5.3	mg/cm ² .h	21.5	2.0 (Min)	Conform
d	Water Vapour Coefficient	10	5.5.3	mg/cm ²	178.6	20 (Min)	Conform
e	pH value	10	5.5.4	--	(Not applicable for Textile)	3.2(Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
f	Chromium VI Content	10	5.5.5	mg/kg	(Not applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.
6	Lining-Quarter		5.5				
a	Tear strength	10	5.5.1 Table -15	N	32.4	15.0 (Min)	Conform
b	Abrasion resistance	10	5.5.2	--	No development of hole	Shall not develop any holes	Conform
	i)Dry 25,600 cycles					Shall not develop any holes	Conform
	ii)Wet 12,800 cycles			--	No development of hole	Shall not develop any holes	Conform
c	Water Vapour Permeability	10	5.5.3	mg/cm ² .h	20.3	2.0 (Min)	Conform
d	Water Vapour Coefficient	10	5.5.3	mg/cm ²	172.4	20 (Min)	Conform
e	pH value	10	5.5.4	--	(Not Applicable for Textile)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
f	Chromium VI Content	10	5.5.5	mg/kg	(Not Applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.

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7	Tongue (Synthetic)		5.6				
a	Tear strength	10	5.6.1 Table 16	N	28.6	36 (Min) for leather 18N(Min) for synthetic	Conform
b	pH value	10	5.6.2	--	N.A. (Not Applicable for Synthetic)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
c	Chromium VI Content	10	5.6.3	mg/kg	N.A. (Not Applicable for Synthetic)	Shall not exceed 3.0 mg/kg	N.A.
8	Insole (Woven)		5.7				
a	Thickness	10	5.7.1	mm	2.3	2.0 (Min)	Conform
b	pH value	10	5.7.2	--	(Not Applicable for Textile)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
c	Water Absorption	10	5.7.3	mg/cm ²	>70	70 (Min)	Conform ✓
	Water Desorption			%	> 80	80 (Min)	Conform ✓
d	Insole abrasion	10	5.7.4.1	--	No severe damage observed before 400 cycles.	There shall no more severe damage before 400 cycles	Conform
e	Chromium VI Content	10	5.7.5	mg/kg	(Not Applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.

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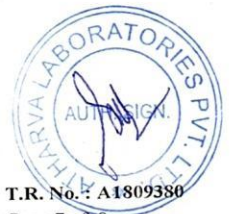




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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
9	Insock (Full Insock Removable & Not Water Permeable)		5.7				
a	pH value	10	5.7.2	--	N.A.(Not Applicable for fabric)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
b.	Water Absorption	10	5.7.3	mg/cm ²	>70	70 (Min)	Conform
	Water Desorption			%	> 80	80 (Min)	Conform
c.	Chromium VI Content	10	5.7.5	mg/kg	N.A.(Not Applicable for fabric)	Shall not exceed 3.0 mg/kg	N.A.
d.	Abrasion resistance	10	5.7.4.2				
	i)Dry 25,600 cycles			--	No development of hole	Shall not develop any holes	Conform
	ii)Wet 12,800 cycles			--	No development of hole	Shall not develop any holes	Conform

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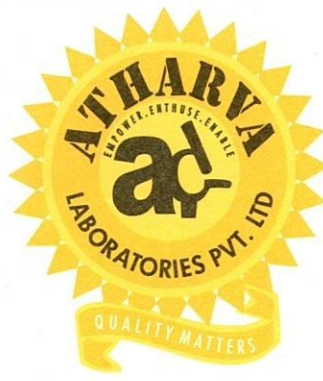
Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
10	Outsole Cleated (Single Density PU)		5.8				
a	Design		5.8.1		Cleated Outsole		Conform
b	Thickness of Cleated outsole i) d 1 ii) d 2	10	5.8.1.1 & 5.8.1.3	mm	11.2 3.8	4 (Min) 2.5 (Min)	Conform Conform
c	Cleated Area	10	5.8.1.2	--	0.51 x L 0.30 x L (L= 330 mm)	0.45xL (Min) at Fore Part 0.25xL (Min) at Heel Part	Conform Conform
d	Tear strength	10	5.8.2	kN/m	9.2	5 kN/m (Min) for a material with a density lower than 0,9 g/cm ³ .	Conform
e	Abrasion resistance	10	5.8.3	mm ³	146.5	The relative volume loss, 250 mm ³ (Max) for density of outer sole <0.9g/cm ³	Conform
f	Flexing resistance	10	5.8.4	mm	1.1	4 (Max) cut growth before 30,000 flex cycle	Conform
g	Hydrolysis(Ross flexing)	10	5.8.5	mm	2.7	6 (Max) cut growth before 1,50,000 flex cycle	Conform
h	Interlayer bond strength	10	5.8.6	N/mm	N.A (Not applicable for Single density)	4.0 (Min)& 3.0(Min) in case of sole tearing	N.A.

Prasanna
Checked by

Mr. Snehasish Nandi
(Technical Manager)
Authorized Signatory

-----End of the Test Report-----

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Report No : A1809380 Dated: 18.10.2018
Ref. No. : N.A Dated: N.A.
Customer Name : Hindustan Rubber & Plastic Industries.
Customer Address : Plot no D1 & D-2,U.P.S.I.D.C Site-B,Industrial Area,Sikandra,Agra
Telephones : N.A.
Fax : N.A.
Email : hrpi_shoes@yahoo.com.

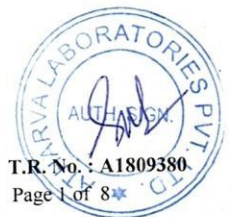
PART: A - PARTICULARS OF SAMPLE SUBMITTED

Nature of Sample : Personal Protective Equipment (Safety Footwear)
Material Description : Upper-Leather, Quarter Lining- Non Woven Textile, Vamp Lining-Non Woven Textile,
Tongue- Leather, Insole- Woven Textile, Sock- Synthetic, Outsole- Single density PU.
Grade/Variety/Type/Class/Size : Design-A, Class-I, Size-8.
Brand name : TORETTO Declared values : N.A
Code No : N.A Batch No. & Date of manufacture : N.A
Quantity : 5 Pairs Mode of Packing : Cartoon box.
BIS seal : N.A Letter signature by : N.A.
Date of receipt : 29.09.2018 Any other Information : N.A.

PART: B- SUPPLEMENTARY INFORMATION

- a) Reference to sampling procedure, wherever applicable: NA
b) Supporting documents for the measurements taken and results derived like graphs, table, sketches and photograph: if any: NA
c) Deviation from the test methods as prescribed in relevant ISS/Work Instruction, if any: NA

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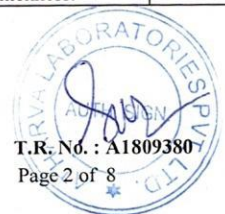


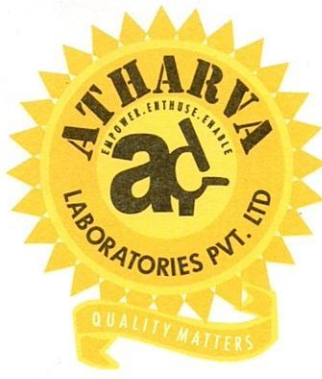
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PART: C- Test Result

Sl. No.	Name of the Test	Size of shoe	Clause no	Unit	Test Value Obtained	Specified Requirement	Conformity
1	Classification of shoe	Code designation-I (Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear)					
2	Design	8	5.2	--	Design A	Illustrated in figure 3 of IS 15298(Part 2):2016	Conform
a	Height of Upper (h)	8	5.2.2 Table -4	mm	84.3	<113	Conform
b	Seat region	8	5.2.3	--	The seat region was closed and There was no holes other than to form seams below the minimum height given for design A in table 10	The seat region shall be closed. There shall be no holes other than to form seams below the minimum height given for design A in table 10	Conform
3	Whole footwear	5.3					
a	Sole performance	5.3.1					
i.	Construction	8	5.3.1.1	--	Conform	Insole shall not be removed without damaging the footwear	Conform
ii.	Upper/outsole Bond strength	8	5.3.1.2	N/mm	5.1	4.0 (Min)& 3.0(Min) in case of sole tearing	Conform
b	Toe Protection (Metallic toecap)	5.3.2					
i.	General	8	5.3.2.1	--	Conform	Toecap shall be incorporated in such a manner that they cannot be removed without damaging the footwear. With the exception of all rubber and all polymeric footwear, fitted with internal toecaps shall have a vamp lining or an element of upper that serves as a lining and in addition the toecaps shall have an edge covering extending from the back edge of the toecap to at least 5 mm beneath it and at least 10mm in the opposite direction. Width of flange Shall Not greater than 10 mm scuff resistance coverings for the toe region shall be not less than 1 mm in thickness.	Conform

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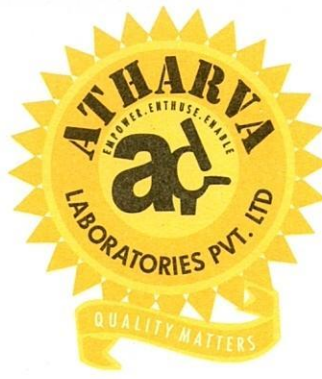


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ii.	Internal Length of Toecap	8	5.3.2.2 Table -5	mm	41.2	39 (Min.)	Conform
c	Impact Resistance (Metallic toecap)	5.3.2.3					
i.	Impact resistance of safety footwear	8	5.3.2.3 Table -6	mm	18.6 toecap was not develop any cracks on the test axis through which light can be seen	The clearance under toecap 14.0 (Min) and toecap shall not develop any cracks on the test axis through which light can be seen	Conform
d	Compression Resistance (Metallic toecap)	5.3.2.4					
i.	Compression resistance of safety footwear	8	5.3.2.4 Table -6	mm	19.4	The clearance under toecap 14.0 (Min)	Conform
e	Behavior of Toe-Caps	5.3.2.5					
i.	Corrosion resistance of metal toecaps	8	5.3.2.5.1	mm ²	No Corrosion observed	Corrosion shall not exhibit more than 3 areas and none of which shall exceed 2.0 mm in any direction.	Conform
f	Leak proof footwear	8	5.3.3	--	NA for Classification-I	Shall be no leakage of air	N.A.
g	Specific ergonomic features (Questionnaire)	5.3.4					
i.	Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury?					Yes	OK
ii.	Are there no pinch points caused by the toecap or the edge covering of the toecap?					Yes	OK
iii.	Is the footwear free of features that you consider to make wearing the footwear hazardous.					Yes	OK
iv.	Can the fastening be adequately adjusted? (if necessary)					Yes	OK
v.	Can the following activities be performed without problems:					Yes	OK
	Walking (For 5 min at speed approx. 6Km/hr)					Yes	OK
	Climbing stairs (climb & descent 17 ± 3 stairs for 1 min)					Yes	OK
	Kneeling/crouching down (Figure 1 of EN ISO 20344)					Yes	OK

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h	Slip resistance		5.3.5				
i.	Slip Resistance on Ceramic floor with NaLS solution (SRA)	8	5.3.5.2	--			Conform
	i) Condition A (Forward Heel Slip)				0.30	≥0.28	
	ii) Condition B (Forward Flat Slip)				0.35	≥0.32	
4	Upper (Leather)		5.4				
a	General	8	5.4.1 Table -10	mm	57.3	50 (Min)	Conform
b	Thickness	8	5.4.2 Table -11	mm	(Not Applicable for leather)	Rubber 1.50(Min)Polymeric 1.0 (Min)	N.A.
c	Tear strength	8	5.4.3 Table -12	N	285.6	120 (Min)	Conform
d	Tensile strength	8	5.4.4 Table -13	N/mm ²	30.6	15 (Min)	Conform
e	Flexing resistance (Rubber/polymer)	8	5.4.5 Table -14	--	(Not Applicable for leather)	Rubber- No cracking before 125000 flexes, Polymeric- No cracking before 150000 flexes	N.A.
F	Water Vapour Permeability	8	5.4.6	mg/cm ² .h	1.3	0.8 (Min)	Conform
g	Water Vapour Coefficient	8	5 4.6	mg/cm ²	22.3	15 (Min)	Conform
h	pH value	8	5.4.7	--	4.5	3.2(Min), If pH value below 4 the difference figure shall be less than 0.7	Conform
i	Hydrolysis	8	5.4.8	mm	(Not Applicable for leather)	No cracking shall occurs before 150000 flexing cycle	N.A.
j	Chromium VI Content	8	5.4.9	mg/kg	Not detected	Shall not exceed 3.0 mg/kg	Conform

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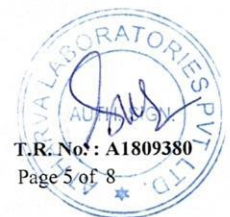


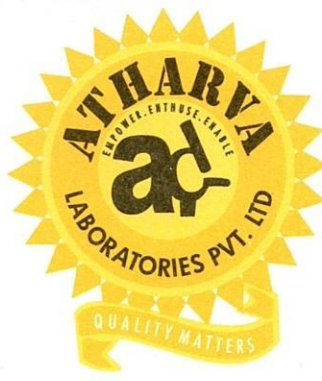


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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
5	Lining –Vamp		5.5				
a	Tear strength	8	5.5.1 Table -15	N	43.3	15 (Min)	Conform
b	Abrasion resistance	8	5.5.2	--	No development of hole	Shall not develop any holes	Conform
	i)Dry 25,600 cycles						Conform
	ii)Wet 12,800 cycles				No development of hole	Shall not develop any holes	Conform
c	Water Vapour permeability	8	5.5.3	mg/cm ² .h	22.8	2.0 (Min)	Conform
d	Water Vapour Coefficient	8	5.5.3	mg/cm ²	189.6	20 (Min)	Conform
e	pH value	8	5.5.4	--	(Not applicable for Textile)	3.2(Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
f	Chromium VI Content	8	5.5.5	mg/kg	(Not applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.
6	Lining-Quarter		5.5				
a	Tear strength	8	5.5.1 Table -15	N	31.2	15.0 (Min)	Conform
b	Abrasion resistance	8	5.5.2	--	No development of hole	Shall not develop any holes	Conform
	i)Dry 25,600 cycles						Conform
	ii)Wet 12,800 cycles				No development of hole	Shall not develop any holes	Conform
c	Water Vapour Permeability	8	5.5.3	mg/cm ² .h	20.5	2.0 (Min)	Conform
d	Water Vapour Coefficient	8	5.5.3	mg/cm ²	173.4	20 (Min)	Conform
e	pH value	8	5.5.4	--	(Not Applicable for Textile)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
f	Chromium VI Content	8	5.5.5	mg/kg	(Not Applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.

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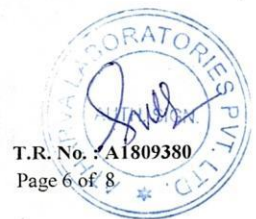




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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
7	Tongue(Leather)		5.6				
a	Tear strength	8	5.6.1 Table 16	N	140.6	36 (Min) for leather 18N(Min) for synthetic	Conform
b	pH value	8	5.6.2	--	4.4	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	Conform
c	Chromium VI Content	8	5.6.3	mg/kg	Not detected	Shall not exceed 3.0 mg/kg	Conform
8	Insole (Woven)		5.7				
a	Thickness	8	5.7.1	mm	2.2	2.0 (Min)	Conform
b	pH value	8	5.7.2	--	(Not Applicable for Textile)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
c	Water Absorption	8	5.7.3	mg/cm ²	>70	70 (Min)	Conform
	Water Desorption			%	> 80	80 (Min)	Conform
d	Insole abrasion	8	5.7.4.1	--	No severe damage observed before 400 cycles.	There shall no more severe damage before 400 cycles	Conform
e	Chromium VI Content	8	5.7.5	mg/kg	(Not Applicable for Textile)	Shall not exceed 3.0 mg/kg	N.A.

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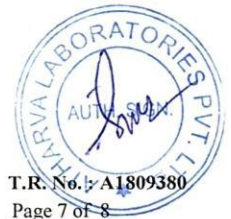




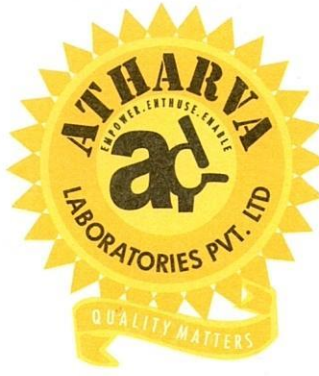
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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
9	Insock (Full Insock Removable & Not Water Permeable)		5.7				
a	pH value	8	5.7.2	--	N.A.(Not Applicable for fabric)	3.2 (Min), If pH value below 4 the difference figure shall be less than 0.7	N.A.
b.	Water Absorption	8	5.7.3	mg/cm ²	>70	70 (Min)	Conform
	Water Desorption			%	> 80	80 (Min)	Conform
c.	Chromium VI Content	8	5.7.5	mg/kg	N.A.(Not Applicable for fabric)	Shall not exceed 3.0 mg/kg	N.A.
d.	Abrasion resistance i)Dry 25,600 cycles	8	5.7.4.2	--	No development of hole	Shall not develop any holes	Conform
	ii)Wet 12,800 cycles			--	No development of hole	Shall not develop any holes	Conform

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Sl. No.	Name of the Test	Size of shoe	Clause no.	Unit	Test Value Obtained	Specified Requirement	Conformity
10	Outsole Cleated (Single Density PU)		5.8				
a	Design		5.8.1		Cleated Outsole		Conform
b	Thickness of Cleated outsole i) d 1 ii) d 2	8	5.8.1.1 & 5.8.1.3	mm	12.6 3.9	4 (Min) 2.5 (Min)	Conform Conform
c	Cleated Area	8	5.8.1.2	--	0.50 x L 0.30 x L (L= 302 mm)	0.45xL (Min) at Fore Part 0.25xL (Min) at Heel Part	Conform Conform
d	Tear strength	8	5.8.2	kN/m	8.7	5 kN/m (Min) for a material with a density lower than 0,9 g/cm ³ .	Conform
e	Abrasion resistance	8	5.8.3	mm ³	142.3	The relative volume loss, 250 mm ³ (Max) for density of outer sole <0.9g/cm ³	Conform
f	Flexing resistance	8	5.8.4	mm	1.3	4 (Max) cut growth before 30,000 flex cycle	Conform
g	Hydrolysis(Ross flexing)	8	5.8.5	mm	2.5	6 (Max) cut growth before 1,50,000 flex cycle	Conform
h	Interlayer bond strength	8	5.8.6	N/mm	N.A (Not applicable for Single density)	4.0 (Min)& 3.0(Min) in case of sole tearing	N.A.

[Signature]
 Checked by

Mr. Snehish Nandi
(Technical Manager)
Authorized Signatory

-----End of the Test Report-----

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