



INTERNATIONAL TESTING CENTRE

TEST CERTIFICATE

Customer Name : Yaqoob Tanners. Test report No. : 2K2312270-2
 Contact person : Mr. Date of Entry : 23.12.2023
 Address : 67/8, Pokharpur, K.D.A. Colony, Jajmau, Kanpur (U.P.) - 208010
 Sample description: Safety Shoe (Size – 8) Page : 1/1
 Details : Article – Hammer (Double Density) , Brand:- Zain
 Specification : IS - 15298 (P-2) : 2016, Classification - I
 Testing period : 26.12.2023 to 08.01.2024 Reporting date : 08.01.2024

Laboratory Environment
 Temperature 27 +/-2°C
 Relative Humidity 65 +/-5%
 The sample was conditioned for 48 hours

S.No.	Test Name	Clause	Value	Requirement	Conformity
1. Test on Whole Footwear (5.3)					
a.	Upper/Outsole bond	5.3.1.2	4.8 N/mm	4 N/mm (minimum)	Conforms
b.	Impact resistance – 200 J	5.3.2.3	17.0 mm No crack was observed.	14.0 mm (min.), toecap shall not develop any cracks on the test axis.	Conforms
c.	Compression resistance- 15 kN	5.3.2.4	20.0 mm	14.0 mm (min.)	Conforms
d.	Slip resistance – 5.3.5 (SRC)	5.3.5.4	0.31 0.40 0.13 0.18	Coefficient of friction for Condition A (Forward heel slip) ≥ 0.28 Condition B (Forward flat slip) ≥ 0.32 Condition C (Forward heel slip) ≥ 0.13 Condition D (Forward flat slip) ≥ 0.18	Conforms
e.	Antistatic Test	6.2.2.2	Dry : 498 M Ohm Wet : 145 M Ohm	100 k Ohm – 1000 M Ohm	Conforms
2. Test on Upper (5.4)					
a.	Tear strength	5.4.3	325 N	120 N (minimum)	Conforms
b.	Tensile strength	5.4.4	31.9 N/mm ²	15 N/mm ² (minimum)	Conforms
3. Test on Sole – 5.8					
a.	Abrasion resistance	5.8.3	42 mm ³	150 mm ³ (max.) density > 0.9g/cm ³	Conforms
b.	Interlayer bond strength	5.8.6	5.2 N/mm	4 N/mm (minimum)	Conforms

Rajesh Mishra
 (Senior Technologist)
 Authorized signatory



Shailendra Saxena
 (Head -Physical Laboratory)
 Authorized signatory

*** END OF TEST REPORT ***

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