




## INTERNATIONAL TESTING CENTRE

# TEST CERTIFICATE

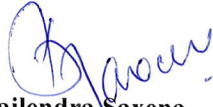
Customer Name : Yaqoob Tanners. Test report No. : 2K2401278  
 Contact person : Mr. Date of Entry : 19.01.2024  
 Address : 67/8, Pokharpur, K.D.A. Colony, Jajmau, Kanpur (U.P.) - 208010  
 Sample description: Safety Shoe (Size – 8), Colour : Black/Grey Page : 1/1  
 Details : Article – ZM—04A (Double Density) , Brand:- Zain  
 Specification : IS - 15298 (P-2) : 2016, Classification - I  
 Testing period : 22.01.2024 to 30.01.2024 Reporting date : 01.02.2024

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
<b>1. Test on Whole Footwear (5.3)</b>					
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	19.0 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 0.14 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 : 890 M Ohm Wet : 401 M Ohm	100 k Ohm – 1000 M Ohm	Conforms
<b>2. Test on Upper (5.4)</b>					
a.	Tear strength	5.4.3	330 N	120 N (minimum)	Conforms
b.	Tensile strength	5.4.4	32.1 N/mm <sup>2</sup>	15 N/mm <sup>2</sup> (minimum)	Conforms
<b>3. Test on Sole – 5.8</b>					
a.	Abrasion resistance	5.8.3	85.3 mm <sup>3</sup>	150 mm <sup>3</sup> (max.) density ≥ 0.9g/cm <sup>3</sup>	Conforms
b.	Interlayer bond strength	5.8.6	4.5 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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