



INTERNATIONAL TESTING CENTRE


TEST CERTIFICATE

Customer Name : Yaqoob Tanners. **Test report No.** : 2K2401279
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--444 (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
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 (SRA)	5.3.5.2	0.31 0.39	Coefficient of friction for Condition A (Forward heel slip) ≥ 0.28 Condition B (Forward flat slip) ≥ 0.32	Conforms
e.	Antistatic Test	6.2.2.2	Dry : 902 M Ohm Wet : 385 M Ohm	100 k Ohm – 1000 M Ohm	Conforms
2. Test on Upper (5.4)					
a.	Tear strength	5.4.3	193 N	120 N (minimum)	Conforms
b.	Tensile strength	5.4.4	31.6 N/mm ²	15 N/mm ² (minimum)	Conforms
3. Test on Sole – 5.8					
a.	Abrasion resistance	5.8.3	135 mm ³	150 mm ³ (max.) density $\geq 0.9\text{g/cm}^3$	Conforms
b.	Interlayer bond strength	5.8.6	4.6 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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