

INTERNATIONAL TESTING CENTRE
Accreditation for ISO/IEC 17025: 2005 by Dakks, Germany

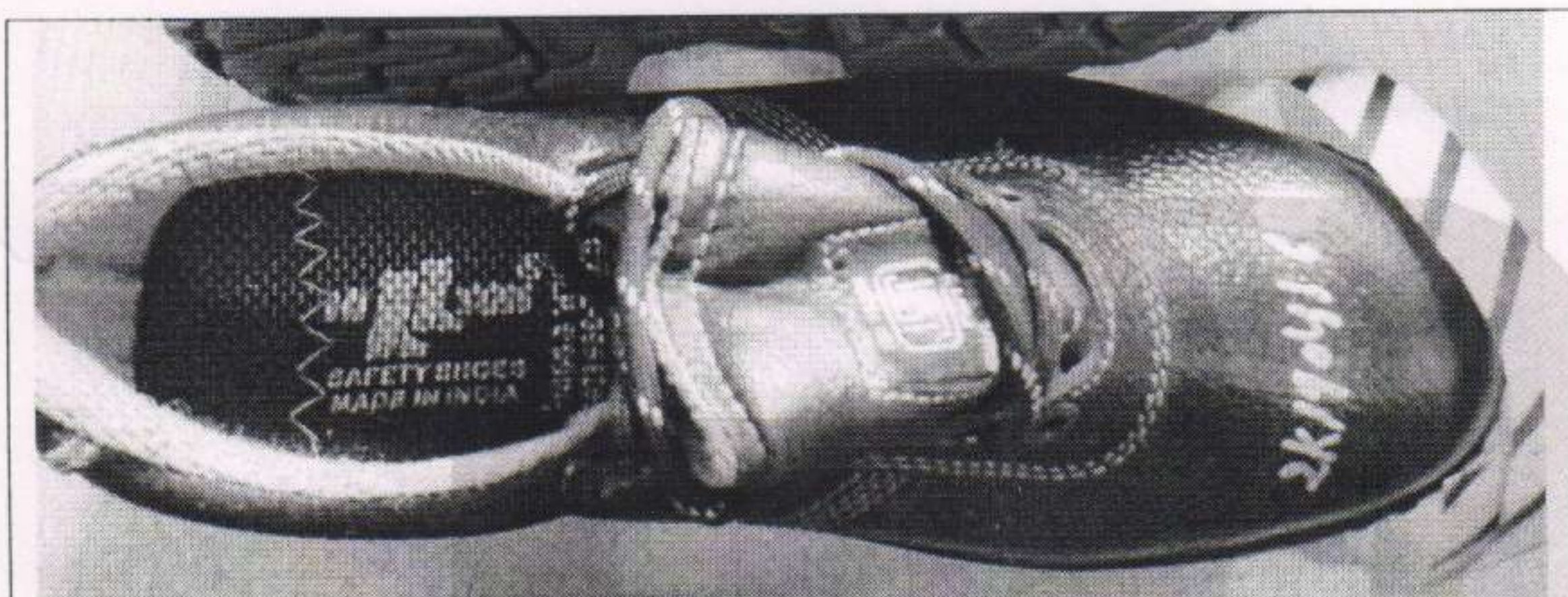
TEST CERTIFICATE

Supplier : Hillson Footwear Pvt. Ltd.
Contact : Mr. Dev
Material : Leather Safety Shoes (size – 8)
Code : Article – Panther
Specification : IS- 15298 (P-2) : 2016, Classification - I
Job start date : 15.04.2019

Job No. : 2K1904168
Date of Entry : 13.04.2019
Page : 1/1

Completion date : 23.04.2019

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.	Construction	5.3.1.1	Yes	Insole can not be removed without damaging the footwear.	Conforms
b.	Upper/Outsole bond	5.3.1.2	4.65 N/mm	4 N/mm (minimum)	Conforms
c.	Impact resistance	5.3.2.3	16.5 mm No crack observed.	14.0 mm (min.) , toecap shall not develop any cracks on the test axis.	Conforms
d.	Slip resistance – 5.3.5 (SRA)	5.3.5.2	0.37 0.46	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	600 M Ohm	100 k Ohm – 1000 M Ohm	Conforms
2. Test on Outsole - PU Sole					
a.	Abrasion resistance	5.8.3	147 mm ³	150 mm ³ (maximum)	Conforms
b.	Flexing resistance (30,000 cys)	5.8.4	No cut growth	4 mm (max) cut growth.	Conforms

Rajesh Mishra
(Senior Technologist)



Shailendra Saxena
Chief Technologist & Head -Physical Laboratory

1. This report is for technical information of the client only. Not for advertisement, promotion, publicity litigation or legal purpose.
2. This institute shall be indemnified against any dispute arising out of issue of this report.
3. Sample not drawn by FDDI and the test results relate only to the material tested.
4. The report must not be reproduced except in full without approved of FDDI.

FOOTWEAR DESIGN & DEVELOPMENT INSTITUTE
MINISTRY OF COMMERCE & INDUSTRY, GOVERNMENT OF INDIA

A-10/A, SECTOR-24, NOIDA-201 301, DISTT. GAUTAM BUDHA NAGAR (U. P.) INDIA
Ph. : +91-120-4500128, 4500138 (Physical Lab), 4500113, 4500125 (Chemical Lab)
EPABX : +91-120-4500100 Fax : +91-120-2412556, 2411301 Website : www.fddiindia.com