

IS 1989 (Part 2): Leather Safety Boots for Heavy Metal Industries

IS 1989 (Part 2) is crucial for safeguarding workers in heavy metal industries, where safety footwear must withstand high-impact, high-temperature conditions. By setting standardised requirements, it helps manufacturers ensure consistent, reliable protection for users in hazardous environments.

Scope: This standard (Part 2) prescribes the requirements and methods of sampling and test for leather safety boots and shoes for workers engaged in heavy metal industries.



- **Design:** Ankle-high, derby-style boots with reinforced steel toe caps; cushioned tongues for extended wear. Available in sizes 5 to 11.
- **Materials:** Includes high-strength upper leather, tear-resistant lining, and options for leather or rubber soles. Steel toe caps withstand heavy impact.
- **Testing:** Boots undergo tests for impact strength and durability; fire-resistant layers are added for high-temperature environments.
- **Labelling:** Clear identification with manufacturer name, batch, and year of manufacture.

This standard guarantees durable, reliable protection in high-impact industrial workspaces.