# IS 1989 (Part 1): Leather Safety Boots and Shoes for Miners

When choosing safety boots for mining, factors like protection, durability, and comfort are essential. Miners work in challenging and dangerous environments, and footwear that resists moisture, impacts, and prolonged wear is crucial for preventing injuries and ensuring worker safety. Proper safety footwear allows miners to perform their tasks with greater confidence and efficiency, as it minimises the risk of foot injuries from falling rocks and other hazards.

This standard ( Part 1 ) prescribes the requirements and methods of sampling and test for leather safety boots and shoes for miners.

The Bureau of Indian Standards (BIS) defines specifications for miner footwear in its standard for leather safety boots, ensuring that boots meet strict requirements for safety and quality. The boots specified in this standard are ankle-high with reinforced steel toe caps that can resist impact forces up to 14 kgf.m, protecting against heavy debris. They use high-grade leather, rust-proof metal components, and moisture-absorbing linings to enhance both durability in rugged conditions and comfort for long working hours. The standard also ensure that boots withstand the unique underground environment, where exposure to moisture, rough surfaces, and physical stress is common.

BIS-approved boots offer a balance of safety, durability, and comfort, allowing consumers to trust that their footwear is up to the task. By purchasing boots with ISI mark, miners and employers can be assured that the products meet essential safety requirements and have been rigorously tested for mining conditions. Look for the BIS mark to guarantee that these boots are designed with miner safety as a priority.