## IS 11226:1993 Leather Safety Footwear having Direct Moulded Rubber Sole

Leather safety footwear with a Direct Moulded Rubber Sole (DMRS) is a popular choice for workers who need durable, comfortable, and protective footwear in demanding environments. These shoes combine the benefits of high-quality leather uppers with robust rubber soles, offering superior safety, comfort, and performance.

Indian Standard IS 11226:1993 Leather Safety Footwear having direct moulded rubber sole specifies requirements, methods of sampling and tests for leather safety footwear having steel toe caps and direct moulded rubber soles.

The safety footwear covered in this standard may be used by the workers of mines, refineries, fertilizer plant or places where working surface is oily to protect workers from various occupational hazards.

This standard outlines types of leather safety shoes, materials, criteria for manufacturing, performance test, adhesion test, and other tests of safety shoes, ensuring they provide reliable protection in industrial environments.

Key features include reinforced toe caps to protect against impact, slip-resistant soles, and materials that offer resistance to oil, chemicals, and abrasion. The footwear should be designed to withstand a range of environmental conditions, including moisture and varying temperatures, while maintaining comfort and durability for extended wear.

The DPIIT Quality Control Order mandates that Leather Safety Footwear having Direct Moulded Rubber Sole, sold, manufactured, or imported in India shall comply with IS 11226:1993 and shall bear the Standard Mark under a license from the Bureau of Indian Standards as per Scheme-1 of Schedule-II to the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018.

In summary, IS 11226 is critical for industries such as construction, manufacturing, and mining, where workers face risks of foot injuries. By following this standard, manufacturers can deliver protective footwear that enhances worker safety and supports regulatory compliance in industrial workplaces.