

IS 15298 (Part 4): 2017 – Personal Protective Equipment for Protective Footwear

IS 15298 (Part 4): 2017 outlines the standards for protective footwear, a type of personal protective equipment (PPE) designed to provide essential safety features for workers in high-risk environments such as construction, heavy industry, and manufacturing. Protective footwear under this standard is intended to guard against hazards like falling objects, punctures, slips, and other workplace risks that could cause injury.

Consumers expect high-quality protective footwear to deliver robust safety features along with comfort and durability. Key features of good protective footwear include **impact resistance** to protect against falling objects, **puncture resistance** to shield from sharp materials, and **slip resistance** to prevent falls on wet or slippery surfaces. Durability is essential for withstanding tough environments, and breathable, well-constructed materials are also important to ensure comfort throughout long work shifts.

IS 15298 (Part 4): 2017 addresses these consumer expectations by setting stringent standards for protective footwear. It defines specific requirements for **impact and puncture resistance**, ensuring that footwear can withstand heavy impacts and resist penetration by sharp objects. The standard also includes criteria for **slip resistance** to reduce the risk of slips and falls on various surfaces. In addition, IS 15298 (Part 4) mandates the use of durable, high-quality materials to maintain both the protective integrity and comfort of the footwear over time.

The DPIIT Quality Control Order mandates that all Occupational Footwears manufactured, or imported in India **shall comply with IS 15298 Part 3: 2019** and display the BIS Standard Mark.

By following IS 15298 (Part 4): 2017, manufacturers can provide protective footwear that meets consumers' needs for effective safety, comfort, and resilience in demanding work conditions.