



INDIAN FARMERS FERTILISER COOPERATIVE LIMITED
PARADEEP UNIT

Date: 26.08.2025

SAFETY ADVISORY

It is well-known that Personal Protective Equipment (PPE), such as industrial safety helmets, safety shoes, safety goggles, and full-body safety harnesses, play a critical role in ensuring the safety and well-being of workers. Standardized PPE not only helps protect the human body from potential hazards but also reduces the severity of injuries that could occur in hazardous work environments.

1. **Industrial Safety Helmet:** The industrial safety helmet is a vital piece of PPE for workers in industrial sites where the risk of head injuries is high. These helmets provide protection from falling objects, impacts with hard surfaces, heat & direct Sunlight, sparks, and other potential hazards commonly found in these environments.
2. **Safety Shoes:** Safety footwear is essential for protecting workers' feet from crush injuries due to fallen objects, slips, trips, burns, punctures (e.g., nails), and even electric shocks. Workers in hazardous environments are especially vulnerable to foot injuries, making safety shoes a must-have for their protection.
3. **Safety Goggles:** Safety goggles are essential for shielding the eyes from various risks, including chemical splashes, dust, flying objects & debris, and harmful radiation. These goggles help to prevent eye injuries, ensuring that workers' vision remains protected during work.
4. **Full-Body Harness Safety Belt:** A full-body harness safety belt is crucial for workers exposed to the risk of falling, particularly when working at heights. The harness helps to distribute the force of an impact, prevents falls, and keeps workers upright after a fall, reducing the potential for severe injuries and facilitating easier rescue.

In line with the safety protocols, we kindly request all contractors/ vendors to provide the recommended PPE to their workers when working inside the factory premises. This safety advisory is applicable for all employees and Contractors / Contactor workers working in Plant Premises.

Please adhere to this advisory in order to ensure safety and to comply with plant regulations. We appreciate cooperation from all in maintaining a safe working environment.

This issues with the approval of the competent authority.

Unit Head: For Kind Approval Please

R. K. Swain
JGM (F&S)

N.B.: The details make & technical specifications are attached in Annexure.

Specification of Industrial Safety Helmet:

Suggested BRAND (Make): MSA, UDYOGI, KARAM, SAVIOUR, HONEYWELL

- I. Safety Helmet of IS: 2925
- II. Safety helmet removable four-point suspension with chin strap
- III. Made of virgin quality HDPE, high impact, heat, chemical & good quality abrasion resistance
- IV. V-guard design to provide extra strength & toughness
- V. Extra-large beam to deflect solid object.
- VI. Adjustable head band of size 530 mm to 630 mm & weight should be light in the range 340 gms to 380 gms

Specification of Safety Shoes:

Suggested BRAND (Make): BATA, LIBERTY, KARAM, ALLIEN COPPER, UDYOGI, JCB, WOODLAND, TIGER,

- I. Safety Shoes of IS 15298: PART 2
- II. Construction: Direct Injection Module
- III. Sole: PU Double Density, Sole should withstand a temperature of 120 degree Celsius for one minute exposure [Method as per IS-15298 (part-1) is only for reference
- IV. Steel Toe, should withstand 200 J and compression load of 15 kN (minimum) as per EN 1256
- V. Anti-Skid / Abrasion Resistance, Oil & Acid Resistance
- VI. Lining: Cambrelle type lining, Insole: Non-woven Strobel cloth

Specification of Safety Goggles:

Suggested BRAND (Make): 3M, SAVIOUR, VENUS, UVEX, UDOYGI, KARAM

- I. Safety Goggles of IS 5983
- II. Ergonomically and sturdy design Anti - fog & Anti-scratch
- III. Protects eyes exposed to low-level impacts and Chemical particles
- IV. Metal-free Clear Eyewear with wrap - around polycarbonate lenses.
- V. Best used for protection against flying small fragments

Specification of Full body harness safety belt:

Suggested BRAND (Make): KARAM, UDOYGI, 3M, INDIAN INOVATIX, UNICARE

- I. Full Body safety Harness of IS 3521(Part 1): 2021, IS 3521(Part 2): 2021, IS 3521(Part 5): 2021
- II. Breaking strength – 22kN
- III. Safe Working Load Capacity: 100 kg
- IV. Fray-proof dope-dyed polyester webbing
- V. Polyester Braided Rope
- VI. Adjustment straps only at chest and thighs
- VII. Braided rope with Shock absorber
- VIII. SH-60 scaffolding hook
- IX. Specially designed Lanyard keepers on both side with double hook
- X. Safe Working Load Capacity: 100 kg
- XI. Components: High quality alloy steel, zinc plated, free from any sharp edges

Note: For any Clarification regarding make and technical Specifications, please contact to the Fire & Safety department.