

PASCHIM GUJARAT VIJ COMPANY LIMITED

Specification for Safety Helmet (Electrical)

Sr. no	Particular	Specification
	Certification	As per IS 2925:1984 & approved under ANSI Z89.1.2009 type I class E tested at 20 KV
1	Material property	Made from UV stabilized virgin highest quality Polyethelene HDPE material
2	Design	Stylish, robust design with optimal impact performance
3	Weight	370 gms (Light in weight)
4	Size	Head size 52 to 62 cm
5	Suspension/Harness	Complete with 4 point adjustable big ratchet suspension with chin strap. Textile suspension for comfort.
6	Sweat Band	Perforated sweat band should be swen to the headband and fit arround the forehead and temples. The pad and foam backing should be such that the body heat and perspiration should penetrate for evaporative cooling. Replaceable sweat band.
7	Strap	Double webbing crown straps for wearing height adjustment.
	Class	Class-E (Electrical Ratings & G (General) approved for high electric strength)
	Accessory slot	Built in accessory slot- 30 mm adaption of various accessories like face shield and ear muffs
8	Colour	White
9	Others	Shells with glossy finish, All parts replaceable
10	Marking	Each item having respective DISCOM's logo
11	Warranty	Two years

➤ The bidder has to submit following along with bid.

- (1) Test certificate of various tests as per IS 2925 :1984 from approved lab.
- (2) 20 KV with stand test certificate as per ANSI Z89.1.2009 from approved lab.

➤ Following tests are to be carried out on tender sample.

- (1) Shock Absorption Resistance Test(As per clause no. 8.1 of IS 2925:1984)
- (2) Penetration Resistance Test (As per clause no.8.2. of IS 2925:1984)
(Above tests is to be carried out on tender sample at Central labour Institution, Mumbai)
- (3) 20 KV with stand test (As per ANSI Z89.1.2009)
(Above test is to be carried out on tender sample as per ANSI Z89.1.2009 at ERDA)

However, PGVCL reserves right to carry out any other test/s as per relevant IS/Specification on tender sample.

For Indian manufacturers, valid BIS license is must with ISI marking & for Foreign manufacturers, ANSI marking is must for helmet as per ANSI Z89.1.2009 type I Class E.

Signature of Tenderer:		
Date:	Place:	
		Company's Round Seal: