



CSU &FP

PLANT PURCHASE SPECIFICATION

FABRICATION PLANT

DEPARTMENT: PRODUCTION

NO.: BHEL/FP/TS/13

REV NO : 00

REV .DT :

Sheet 1 of 2

INDUSTRIAL SAFETY HELMET(WHITE COLOUR)**1.0 Scope**

This standard covers the requirements of Industrial Helmet.

2.0 Compliance with Standards

It shall comply with IS 2925 – 1984 Reaffirmed 1995, ISI marked.

3.0 Technical Requirement

1. The helmet shall be made from strong, rigid, high density fibre glass dielectric material.
2. The helmet shall be provided with harness including Headband, Cradle, Chin strap & peak. Three nos of ventilation holes on each side near the peak should be provided. (size of holes- 5mm dia., distance between hole is 15mm)

HARNESS:

- 1). The material for harness shall be sweat resistant and non-irritant.
- 2). The headband shall be not less than 30 mm in width and securely fixed to the shell and crown straps. The headband shall be readily adjustable.
- 3). The headband shall be fitted with anti concussion tapes of not less than 19mm width, secured at least at 4 anchoring points, forming the cradle.
- 4). The straps shall ensure a clearance of at least 30mm between the top of the wearers head and inside top of the helmet crown at the smallest size adjustment of the headband a wearing height of not less than 80mm at the max. size adjustment of the headband.

CHIN STRAP :

- 1). The helmet shall be provided with chinstrap.
- 2). The chinstrap shall be at least 19 mm wide with an adjustment device to maintain tension.
- 3). The mass of the complete helmet shall not exceed 400 gms.

Sl.No	SIZE	RANGE OF THE HEADBAND ADJUSTMENT
01.	SMALL	500 – 540 MM
02.	MEDIUM	540 – 590 MM
03.	LARGE	590 – 640 MM

Prepared By

Checked by

Approved By

Signature :

Name :

Date of Issue :

Shivanshu Sharma ,Engr

VK Choudhary, Sr.Engr.

Atul Verma,
Dy. Manager15th Dec '16



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4.0 Sample

Sample shall be supplied along with technical offer for approval.

5.0 Test Certificate

5.1 The supplier shall submit the test certificate along with the bulk supply as per IS for

1. Heat Resistance
2. Flammable Resistance
3. Electric Resistance
4. Impact Resistance
5. Water Absorption

5.2 The test certificate shall also indicate the following.

- a. P.O. Number
- a. Batch No. & date

6.0 Packing

The helmet shall be supplied, packed individually for protection from dust & damage.

7.0 Marking

The helmet shall be embossed with

- a). ISI & DGMS marks
- b). BHEL emblem shall be embossed/screen printed on the front side of the helmet in size 40 mm X 30 mm.

8.0 Inspection

Inspection will be carried out at our works with reference to the accepted sample and test reports.

9.0 Guarantee Certificate

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement with in Six months from the date of receipt at stores.

	Prepared By	Checked by	Approved By
Signature :			
Name :	Shivanshu Sharma ,Engr	VK Choudhary, Sr.Engr.	Atul Verma, Dy. Manager
Date of Issue :	15th Dec '16		