



FACE PROTECTION

PLASTIC FACE SHIELD

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

SCOPE

This standard covers the requirement of Plastic Face Shield for Grinding applications and against Chemical Splashes.

COMPLIANCE WITH STANDARDS

It shall comply with IS 8521- 1977 Part-I, EN 397 and ANSI Z87.1-2003 Standard, EN166.

- Authenticated photo copies of the latest test certificates (from OEMs, National Accredited Test Laboratories) to be submitted along with the offer.
- Vendor/bidder to furnish authorization letter from Principal/OEM against the enquiry quoted.
- Vendor/bidder to submit along with the offer, authenticated copy of latest certificate of product conformity to relevant IS/EN/ANSI standards.
- For each PPE specification, the Vendor/Bidder shall confirm their acceptance to the BHEL specifications by Signing and Stamping on it.

TECHNICAL REQUIREMENT

- 1) It shall cover the Forehead and neck to protect the wearer from the splashing of chemicals and other flying particles.
- 2) It shall be provided with clear, transparent plastic visor made up of Polycarbonate of min. 1.5mm thick, 300mm wide and 230 mm length fixed in between grooved type fore head and bottom shields.
- 3) The visor shall be free from scratches and defects to facilitate clear visibility.
- 4) It shall have tilting arrangement allowing the visor to be lowered or raised easily.
- 5) The head band shall be of min. 1.4 mm thick good quality vulcanized fiber or acetate butyrate or equivalent material.
- 6) It shall be provided with adjustable type Headband made out of either Fiber or Plastic with sponge lining inside the front of the headband and covered with

REVISIONS:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

PPE Rev. No.:

Amnd. No.:

Reaffirmed:

Prepared by:

Issued by:

Issue date:

Date:

Date:

Year:

Corporate HSE

Corporate Office

25.08.2006



FACE PROTECTION

PLASTIC FACE SHIELD

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

sweat absorbing material.

7) It shall be provided with 4mm wing nut and spring attachment for easy positioning.

8) The crown band shall be of min 25 mm width.

9) All the components of the face shield shall be comfortable to use with no sharp edges.

10) The construction shall be as per drawing enclosed.

SAMPLE

Sample shall be supplied along with offer for approval. (Test certificate of sample to be submitted for approval)

TEST CERTIFICATE

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

- a) Material quality
- b) Scratch resistance
- c) Visible transmittance
- d) Impact resistance

2) The test certificate shall also indicate Batch No. & Date

PACKING

The face shield shall be supplied, packed individually for protection from damage and dust.

MARKING

The face shield shall be marked with the following information

- a) BHEL logo
- b) Relevant ISI, EN, ANSI marks
- c) Supplier identity
- d) Month & year of manufacturing

REVISIONS:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

PPE Rev. No.:

Amnd. No.:

Reaffirmed:

Prepared by:

Issued by:

Issue date:

Date:

Date:

Year:

Corporate HSE

Corporate Office

25.08.2006



FACE PROTECTION

PLASTIC FACE SHIELD

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

INSPECTION

Inspection will be carried out at our works with reference to the acceptable sample and test reports. BHEL will inspect at works wherever required.

GUARANTEE CERTIFICATE

Guarantee Certificate to be given for any manufacturing defects along with its consignment for free replacement within six months from the date of receipt at stores.

ENQUIRY SPECIFICATION

The PI and Enquiry shall have the copy of the latest specification as "PLASTIC FACE SHIELD" as per BHEL Corporate standard _____.

REVISIONS:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

PPE Rev. No.:

Amnd. No.:

Reaffirmed:

Prepared by:

Issued by:

Issue date:

Date:

Date:

Year:

Corporate HSE

Corporate Office

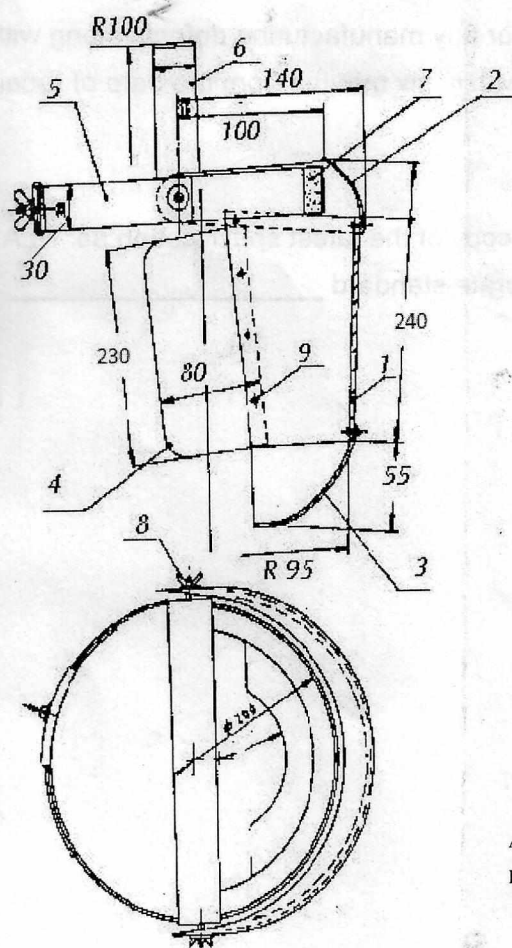
25.08.2006

PLASTIC FACE SHIELD

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012



1. Acrylic Face Plate
2. Plastic Fore Head Shield
3. Plastic Bottom Shield
4. Plastic Side Shield
5. Adjustable Head Ring
6. Head Seat
7. Fore Head Seat – foam
8. Screw with Wing nut
9. Aluminium Rivets

ALL DIMENSIONS IN MM

FIG. NOT TO SCALE

REVISIONS:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

PPE Rev. No.:

Amnd. No.:

Reaffirmed:

Prepared by:

Issued by:

Issue date:

Date:

Date:

Year:

Corporate HSE

Corporate Office

25.08.2006