

1. SCOPE

This standard covers the requirement of Transparent Plastic Sheet. This sheet will be used in shot Blast Helmet.

2. TECHNICAL REQUIREMENT

- Plastic sheet shall be made of Polycarbonate.
- The Transparent Plastic Sheet shall be in rectangular shape.
- The Size of Transparent Plastic Sheet shall be 100 mm X 150mm X 2 mm.
- It shall be in white colour and made out of clear transparent Plastic Sheet.
- It shall have uniform surface.
- It should not be any defect such as lines and cracks.

3. TEST CERTIFICATE

The supplier shall submit test certificates siting the following parameters along with batch no and date :

S. No.	Parameters	Requirement
1	Visual : Scratches	Not allowed
2	Visual : Damaged/ Deformed	Not Allowed
3	Visual : Masking Films	Should be on one side
4	Functional : Dart Impact Strength	Should not crack
5	Dimensional: Thickness	2.00 mm (minimum)
6	Dimensional: Width	100.00 mm (minimum)
7	Dimensional: Length	150.00 mm (minimum)

4. SAMPLE

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

5. INSPECTION

Inspection of Transparent Plastic Sheet will be carried out at our works with reference to above requirements and test certificate.

6. PACKING

The Transparent Plastic Sheet shall be supplied, packed in protective pack for protection from scratch, dust & damage.

7. GUARANTEE CERTIFICATE

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



EYE PROTECTION

PLAIN GLASS FOR ARC WELDING			CORPORATE STANDARD PPE SPECIFICATION MANUAL		
			Rev. No.: 01		
			Rev. dt.: 30/05/2012		

SCOPE

This standard covers the requirement of plain glass protective cover for arc welding.

COMPLIANCE WITH STANDARDS

It shall comply with the standards IS: 5983 – 1980.

- 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

- It shall be made of clear glass, and shall be free from optical defects, lens or prism defects and shall be of uniform surface.
- It shall have transmission to visible light not less than 85%.
- The thickness shall be 2.0 + 0.5/-0 mm.
- The size shall be 105 x 80 +4/-0 mm.

SAMPLE

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

TEST CERTIFICATE

- The supplier shall submit the test certificate as per IS along with the bulk supply.
- The test certificate shall also indicate Batch No. & Date

PACKING

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



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<p>The glass shall be supplied with good quality box for protection from damage.</p> <p>INSPECTION</p> <p>Inspection will be carried out at our works with reference to the acceptable sample and test reports, BHEL will inspect at the works wherever required.</p> <p>GUARANTEE CERTIFICATE</p> <p>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.</p> <p>ENQUIRY SPECIFICATION</p> <p>The PI and Enquiry shall have the latest copy of the specification as "PLAIN GLASS FOR ARC WELDING" as per BHEL Corporate standard</p> <p>_____.</p>					
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