



RESPIRATORY PROTECTION

DISPOSABLE DUST RESPIRATOR-CLASS FFP1 (FOR DUST & MIST)

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

SCOPE

This standard covers the requirement of Respirator (for Dust & Mist)

COMPLIANCE WITH STANDARDS

It shall comply with IS: 9473 – 2002.

- 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 be suitable for Dust and Mist
- 2) It shall be of Foldable type suitable facilitate easy folding for storage if not in use.
- 3) It shall be composed of three layers.
- 4) The outermost layer shall filters out the largest dust particles,
- 5) The innermost layer shall preserves the respirator"s shape and
- 6) The middle layer shall be composed of electrostatic filter media, which is capable of filtering the finest particles.
- 7) It shall have high filtration efficiency and low breathing resistance.
- 8) It shall have the adjustable Head Band made up of suitable material and shall have a very good elastic retention properties.
- 9) It shall have adjustable Aluminum Nose Clip, so as to conform to the nasal contours of the wearer and provides comfort and secured seal.

SAMPLE

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

TEST CERTIFICATE

- 1) Suppliers shall submit the test certificates along with the bulk supply.
 - a) Material quality
 - b) Filtering efficiency
 - c) Breathing resistance
- 2) Test Certificate shall also indicate Batch No. & date

PACKING

The respirator shall be supplied with good quality individual polythene cover packed in card board box.

MARKING

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

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 specification as "DISPOSABLE DUST RESPIRATOR-CLASS FFP1 (FOR DUST & MIST)" 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