



CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT

HSE/PPE

Rev. No. 00

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b) CHEMICAL FUME RESPIRATOR

1.0 Scope

This standard covers the requirement of Chemical Fumes Respirator.

2.0 Compliance with Standards

It shall comply with the standards

3.0 Technical Requirement

- 1) It shall be suitable for giving protection against organic vapours and particulate dusts
- 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 containing an exhalation valve
 - i) It shall be composed of electrostatic filter media, which is capable of filtering the finest particles.
 - ii) It shall have a layer of activated carbon media to provide reliable worker protection against nuisance level organic vapours
 - iii) It shall have a innermost layer to preserves the respirator's shape
- 4) It shall have high filtration efficiency against organic vapours and particulate dusts
- 5) It shall have low breathing resistance.
- 6) It shall have the adjustable Head Band made up of suitable material and shall have a very good elastic retention properties.
- 7) It shall have adjustable Aluminum Nose Clip, so as to conform to the nasal contours of the wearer and provides comfort and secured seal.

4.0 Sample

Sample shall be supplied along with offer for approval ~~only for first time supplier and supplies made after 3 years.~~

Revisions

Approved by : CORPORATE PPE
STANDARDISATION COMMITTEE

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5.0 TEST CERTIFICATE:

5.1 Suppliers shall submit the test certificates along with the bulk supply.

- a) Material quality
- b) Filtering efficiency
- c) Breathing resistance

5.2 Test Certificate shall also indicate the following

- a) BHEL PO.No.
- b) Batch No. & date

6.0 PACKING:

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

7.0 Marking

- a) ISI/ CE mark
- b) BHEL logo
- c) Supplier identity
- d) Date & year of manufacturing

8.0 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.

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.

10.0 Enquiry specification

The PI and Enquiry shall have the copy of the specification as "Chemical Fumes Respirator" as per BHEL Corporate standard _____".