

**REVISED SPECIFICATION FOR HALF-MASK RESPIRATOR**

1. Half Mask Respirator, which includes face piece, head cradle, elastic strap, buckle set, yoke with leaver, two (2) inhalation valves, one (1) exhalation valve.  
**Qty to be supplied = 20 nos.**
2. Cartridge for Half Mask Respirator.  
**Qty to be supplied = 30 packets.**
3. The cartridge shall be supplied in a packet (each packet contains **2 cartridge**)
4. The respirator must be **NIOSH approved P100 type** (i.e. efficiency of 99.97 % )
5. Cartridge should be capable of absorbing particulate matter of less than **0.2 micron at 99.97 %** present in the atmosphere for 8 hour use.
6. The face piece should be free of dirt, cracks, tears or holes. The rubber should be flexible & not stiff.
7. The aluminum yoke should be free of cracks.
8. The cartridge must be free of dents or damage specially to the metal bead around the bottom.
9. The cartridge must be approved for the contaminants like organic vapours, sulphur-di-oxide, chlorine, ammonia, methyl amine, chlorine-di-oxide, hydrogen sulphide and hydrogen chloride.
10. Party should supply the catalogue and literature of the material quoted.
11. Size : medium
12. Color: Black.

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