

APPENDIX-A**TECHNICAL SPECIFICATION FOR BREATHING AIR COMPRESSOR**

The High Pressure Breathing Air Compressor would be used for refilling of Breathing Air Cylinders to be used be breathing apparatus. It should be portable and should be able to refill cylinder of any make from 200 to 300 Bar pressure. It should be able to run on electric supply of 3 phase. It should be able to refill minimum 02 Nos of Cylinder at a time each not taking more than 24 mins. It should be provided with 12 month guarantee certificate approved & CE marked.

The Technical Specification for Air Compressor shall be as follows.

Sr.No.	Technical Specification of Breathing Air Compressor
01.	Capacity (FAD) : 100 LPM
02.	Working Pressure: 300 Bar
03.	No of Cylinder : 04
04.	Compressor Speed : 2100 rpm max
05.	Electric Motor : 3 phase, 400-690/50-60Hz, 4HP
06.	Weight : 42 kg (Approx) Light in weight.
07.	Dimension: Length=58cm, width=41cm, Height=41cm
08.	Noise: 79 dB
09.	Filling Hose: Single filling Hose each of 1.2m length 300 Bar.
10.	Maximum permissible Ambient temperature:-5° to 45°
11.	Breathing Air quality :EN 12021-ANSI/CGAE-Z180
12.	IP 54
13.	Compressor Block oil capacity: 0.35 lit
14.	Good workman ship, confirming to International Standards & Environmental standards.
15.	Accessories : Total kit for compressor & compressor oil.
16.	All test & of guarantee certificate to be provided with equipment.
17.	Manual book of equipment.


KAMLESH KOMAR
 ASSTT COMMANDANT / FIRE
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 KAMLES
 ASSTT D...

NO. E-42099/CISF/BHEL (H)/FW/2013-

DATED- 06 /06/13

PRE-QUALIFYING REQUIREMENT OF VENDORS FOR SUPPLY OF 01No OF BREATHING AIR COMPRESSOR SET CAP-100LPM(POR)

Kindly refer to your office message no-Nil dated 05/06/13 regarding the above

1. Vendor should have experience of manufacturing the offered or higher capacity Breathing Air Compressor set ^{as per Air-I} for at least 03 years.
2. The offered model should be from current manufacturing/supply range.
3. Vendor to submit customers list at least 03 years for above mentioned supply

Signature
06/06/13

Store I/C

Signature
06.06.13
Cov.commander/Fire

~~Asstt.commandant/Fire~~
Signature
06/06/2013

~~DGM/HR~~
Signature
6.6.13

Sr. Manager/PPX-CAP