Annexure - A

DRY AIR PRESERVATION SYSTEM

1. Dry Air Preservation System should be capable to handle total pressure drop in the system.

2. Suitable connection for connecting the hose pipes shall be designed and incorporated in the Dry Air Preservation System by the supplier.

3. Performance tests for flow rate, temperature and relative humidity of dry air at outlet shall be carried out by the vendor. Procedure for performance tests, test schemes and norms shall be furnished by the vendor for approval by BHEL/customer.

4. Performance test for Noise level of the equipment, measured at a distance of one meter from the nearest surface of the equipment and at a height of 1.5 meters shall not be more than 85 dB (A). Performance test for the same to be carried out.

5. Painting is to be carried out as per Annexure - B.

Annexure - B

PAINTING SCHEME / INSTRUCTIONS FOR DRY AIR BLOWING EQUIPMENT

1. The equipment should be painted with Full Gloss Polyurethane Finishing Paint as follows -

   a. Prior to application of paint, surfaces to be painted shall be cleaned/prepared for painting as per IS: 8629 – Part 2.

   b. Two coats of Epoxy Based Zinc Rich Primer Paint (IS: 14589) shall be applied (Dry Film Thickness - 35 + 35 µm).

   c. One coat of High Build Intermediate Epoxy Paint [BHEL Specification AA56112, equivalent Epilux 4 HB Epoxy Coating or Epilac HB Epoxy Paint shall be applied thereafter (Dry Film Thickness - 70 µm).

   d. Two finishing coats of Full Gloss Polyurethane Finishing Paint (IS : 13213) shall be applied (Dry Film Thickness – 30 + 30 µm). The colour shade of the Finishing paint shall be “Light Grey”, colour no. 631 of IS: 5.

   e. The total thickness of the paint shall not be less than 200 µm.