

Technical specification for Aluminum cladding sheets

TEP:AQCS:PE:Cladding sheet: Rev:00

Date:09-01-2013 Page:01 of 01

1.0 General: This specification covers the requirements for supply of Aluminum sheet for using it as cladding sheet or protective covering over thermal insulation.

2.0 Codes and Standards: The manufacture, physical and chemical properties, dimensional tolerances, Inspection and Testing of Aluminum sheets to be supplied under this specification shall confirm to the latest edition of **IS 737**.

3.0 Material requirement:

3.1 Form: The aluminum sheets to be supplied will be in coil form.

3.2 The material shall be sound and free from harmful defects for the intended purpose.

3.3 Designation and Condition: The designation and the condition of the material shall be in line with **IS 737 Latest edition Grade 19000 H2 or ASTM B 209 1060temper H-14**.

3.4 The width of the aluminum sheet shall be **900mm to 1500mm**.

3.5 Thickness of the aluminum sheet shall be as per the enquiry.

4.0 Inspection and Testing:

4.1 All the test certificates shall be submitted in Original for BHEL review and based on the satisfactory test results Material despatch clearance certificate will be issued.

5.0 Packing and Marking:

5.1 The material will have to be packed in polythene-lined hessian and covered with metallic sheets and finally strapped with metallic bands suitably. Material shall be packed in such a manner so as to prevent damage in ordinary handling & transport.

5.2 Each package shall contain only one size of material.

5.3 Each package / coil will be suitably marked with a tag for identification as given below: (legibly written on the packet).

- a) BHEL's Purchase order number
- b) Project Name
- c) Name of the manufacturer
- d) Material grade & condition
- e) Sheet thickness
- f) Weight of the contents



Prepared: P. Singh / Engineer



Approved: C. Ganesh / Senior Manager

C. GANESH
Senior Manager

AIR QUALITY CONTROL SYSTEMS
BHEL/BAP/RANIPET-632406.