

Annexure - II

BHARAT HEAVY ELECTRICAL LTD. INSULATOR PLANT, JAGDISHPUR. PURCHASE SPECIFICATION OF CALCINED ALUMINA	REF. : PS/CRM/21 REV. NO. : 01 REV. DATE : 06.03.2018 Page : 1 of 1
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1. SCOPE: - This specification covers the requirements of purchase of calcined alumina.

2. APPLICATION: To serve as one of the constituent in the manufacture of ceralin.

3. CHEMICAL COMPOSITION:

Al ₂ O ₃	- 99.2 % minimum
Na ₂ O	- 0.35 % maximum

4. PHYSICAL PROPERTIES:

Particle size >10 micron	- 20 % maximum
Average Particle Size (D ₅₀ value)	- 4.0 to 6.0 micron
Alpha content	- 90 % minimum

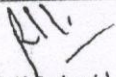
5. Freedom From Defects : Shall be free from foreign materials.

6. SUPPLY: - Should be supplied in powder form.

7. INSPECTION: - Inspection will be carried out by IP Jagdishpur.

8. PACKING: - This material shall be packed in H.D.P.E. or gunny bags.

9. REJECTION & REPLACEMENT: Material not conforming to the foregoing specification shall be rejected, supplier shall under take to replace the material free of cost.

REVISIONS 01	PREPARED BY	APPROVED BY
	 (R K Bajpai) Area In charge (Lab , & Tech.)	 (C S Pandey) Functional Chief (Lab, Tech & ppc)

BHARAT HEAVY ELECTRICAL LTD. INSULATOR
PLANT, JAGDISHPUR.
PURCHASE SPECIFICATION OF CALCINED ALUMINA

REF. : PS/CRM/21-A
REV. NO. : 00
REV. DATE : 06.03.2018
Page : 1 of 1

1. SCOPE:- This specification covers the requirements of purchase of calcined alumina.
2. APPLICATION:- To serve as one of the constituent in the manufacture of porcelain
Alumina Body.

3. CHEMICAL COMPOSITION:-

Al ₂ O ₃	- 99.5 %	minimum
Na ₂ O	- 0.30 %	maximum

4. PHYSICAL PROPERTIES:-

Particle size >10 micron	- 14 %	maximum
Average Particle Size (D ₅₀ value)	- 5.5 micron.	maximum
Alpha content	- 95 %	minimum

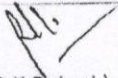
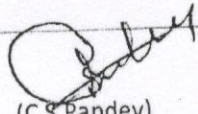
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