

ANNEXURE TO INDENT NO. 14063/261

DATE : 20.01.2014

W.O. : 70944D10400
(PIR: DTR-13-TRE-JS-01)

ES NO.: 626766

**ALUMINIUM DATA FOR POLYESTERIMIDE VARNISH BONDED GLASS FIBRE COVERED
ALL ALUMINIUM CONDUCTOR (AAC) FOR 1 Nos. 18.7 mH DRY AIR CORE REACTOR
FOR M/s POWERGRID, AGRA**

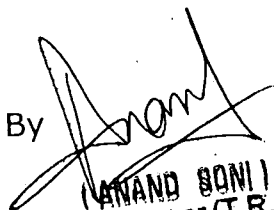
Item-1

Sl. No.	Bare Al. size of AAC	Radial Fibre Glass Insulation (in mm)	Covered Al. cable size	No. of Reels	Length per Reel (Mtr.)	Weight (Kg)		Weight per Reel (Kg)
						Bare	Insulated	
1.	19/2.0 mm dia AAC (10 mm dia without covering)	0.50	11.0 mm dia	5	750	616	626	125.2

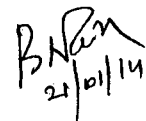
NOTE TO SUPPLIERS:-

1. Conductor shall be All Aluminium Conductor (AAC) as per IS:398.
2. Conductor shall be continuously wrapped (half overlap) with 0.25 thick, 1" wide fibre glass, bonded and cured with polyesterimide varnish, conforming to BHEL CPS-AA28113 Rev 03 with radial glass covering as specified above. The glass insulation shall not show cracks or loss of adhesion when wound on a mandrel of diameter 20 times the diameter of conductor.
3. Length of reel is very important and in no case it should be less than the specified, at the same time weight per reel should not be more than 2% over the required.
4. Conductor shall be supplied over mandrel of diameter minimum of 1200 mm and the maximum diameter of drum shall not exceed 1700 mm.
5. The hole inside the mandrel for putting the fixing rod should be around 70 mm.

Prepared By


(ANAND SONI)
Manager (T.R.E.)
B.H.E.L., JHANSI

Approved By


21/01/14

ANNEXURE TO INDENT NO. 140631261

DATE : 21.01.2014

W.O. : 70944D10400
(PIR: DTR-13-TRE-JS-01)

ES NO.: 626767

ALUMINIUM DATA FOR POLYESTERIMIDE VARNISH BONDED GLASS FIBRE COVERED

ALL ALUMINIUM CONDUCTOR (AAC) FOR 1 Nos. 30.1 mH DRY AIR CORE REACTOR

FOR M/s POWERGRID, AGRA


Item-2

Sl. No.	Bare Al. size of AAC	Radial Fibre Glass Insulation (in mm)	Covered Al. cable size	No. of Reels	Length per Reel (Mtr.)	Weight (Kg)		Weight per Reel (Kg)
						Bare	Insulated	
1.	7/2.5 mm dia AAC (7.5 mm dia without covering)	0.50	8.5 mm dia	5	850	400	414	82.80

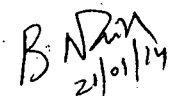
NOTE TO SUPPLIERS: -

1. Conductor shall be All Aluminium Conductor (AAC) as per IS:398.
2. Conductor shall be continuously wrapped (half overlap) with 0.25 thick, 1" wide fibre glass, bonded and cured with polyesterimide varnish, conforming to BHEL CPS-AA28113 Rev 03 with radial glass covering as specified above. The glass insulation shall not show cracks or loss of adhesion when wound on a mandrel of diameter 20 times the diameter of conductor.
3. Length of reel is very important and in no case it should be less than the specified, at the same time weight per reel should not be more than 2% over the required.
4. Conductor shall be supplied over mandrel of diameter minimum of 1200 mm and the maximum diameter of drum shall not exceed 1700 mm.
5. The hole inside the mandrel for putting the fixing rod should be around 70 mm.

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ANAND SONI
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Approved By


21/01/14

Sheet 2 of 2