

## **PRODUCT APPROVAL CERTIFICATE**

DISTRIBUTION CODE REVIEW PANEL  
CERTIFIES THAT THE FOLLOWING ITEM/S IS REGISTERED  
WITH THE PANEL AS AN APPROVED MATERIAL

Electrical Material Specifications : **XLPE LV Cables**  
Manufacturer : **Nuhas Oman LLC**  
Country of Origin : **Oman**  
Address : **P. O. Box 186 P.C.124, Rusayl  
Sultanate of Oman  
Ph: +968-24449007  
Fax: +968-24446790  
E-mail: marketing @nuhasoman.com  
Contact official: Alok Basu**

**Note:** This approval letter comprises of four (4) pages in total. Page no: 1 is this covering letter; Page no: 2 comprises of Annexure-A, which elaborates the salient features of the product and Pages no: 3 & 4 comprise of Annexure-B, which contain the list of sub-suppliers of the major individual components.

Manufacturer is hereby informed that no changes shall be permitted in the list of sub-suppliers and salient features of the product, without the written consent of the DCRP. In the event that the manufacturer changes those sub-suppliers and salient features without written consent of the DCRP, the approval shall be suspended, without any further notice.

  
**CHAIRMAN**  
**DISTRIBUTION CODE REVIEW PANEL**



Condition: Any defacing or mutilation to this certificate shall render this certificate invalid.

ANNEXURE - A  
PRODUCT APPROVAL COMMITTEE  
SALIENT FEATURES OF XLPE LV CABLES

MANUFACTURER: M/s NUHAS OMAN LLC, SULTANATE OF OMAN

Sl. No.	Description	Type offered	Remarks by PAWG
1	DC Resistance at 20° C (max)	4Cx120mm2 = 0.153 $\Omega$ /km 4Cx185mm2 = 0.0991 $\Omega$ /km 4Cx240mm2 = 0.0754 $\Omega$ /km	Acceptable to PAWG
2	Continuous Current Rating at cond temp. 90°C max. Laid direct in ground	4Cx120mm2 = 310 A 4Cx185mm2 = 396 A 4Cx240mm2 = 456 A	Acceptable to PAWG
3	Continuous Current Rating at cond temp. 90°C max. Laid into ducts	4Cx120mm2 = 294 A 4Cx185mm2 = 372 A 4Cx240mm2 = 431 A	Acceptable to PAWG
4	Continuous Current Rating at cond temp. 90°C max. Laid in air in tree foil touching	4Cx120mm2 = 321 A 4Cx185mm2 = 421 A 4Cx240mm2 = 497 A	Acceptable to PAWG
5	Short circuit current rating for 1 sec Cond.temp 90°C initial 250°C max.fina	4Cx120mm2 = 17.2 KA 4Cx185mm2 = 26.5 KA 4Cx240mm2 = 34.3 KA	Acceptable to PAWG

