



مجلس مراجعة قواعد التوزيع

DISTRIBUTION CODE REVIEW PANEL

Date: 15 /05/2012

Technical Notice-5 2012

With reference to IEC 60871-1 clause 4.1 (c) ambient air temperature category that classifies the lowest & highest temperature limits for capacitor units, DCRP found that some Capacitor Bank manufacturers do not supply category +5/D(+55) degrees centigrade units at their banks, this category is complying with Sultanate of Oman climatic condition mentioned at OES-11.

This temperature category offer better safe operation for the units & with allowable access temperature of 5 degrees centigrade as per standard, capacitor units then could work up to 60 degrees centigrade temperature.

DCRP advises distribution companies not to accept Capacitor Banks with capacitor units of below +5/D category & to ask suppliers/manufacturers to conduct/submit thermal stability test of the same +5/D category with same KVA rating & voltage for supplied units. DCRP suspect that capacitor unit's non compliance to climatic condition requirement is one of the causes on capacitor unit's failures.

Therefore Capacitor Bank manufacturers are requested to do needful within one year from date of this Notice to supply above required temperature category capacitor units & must be fully type tested as per IEC 60871 in the presence of DCRP officials.

With best Regards

Hamed bin Salim Al Magdhari

Chairman

Distribution Code Review Panel



cc.

Distribution GMs

DCRP members.

P.O. Box. 1239 / P.C. 131 Hamriyah, Sultanate of Oman

Telephone : 24588600 / 24588691 - Fax. 24523656

E-mail : dcrp@medcoman.com

Website : www.dcrp-oman.com

ص.ب : ١٢٣٩، الرمز البريدي ١٣١ الحميرية، سلطنة عمان

هاتف : ٢٤٥٨٨٦٠٠ / ٢٤٥٨٨٦٩١، فاكس : ٢٤٥٢٣٦٥٦

البريد الإلكتروني : dcrp@medcoman.com

الموقع الإلكتروني : www.dcrp-oman.com