

APPENDIX 3

ABBREVIATIONS USED IN THE CABLE INDUSTRY

Materials

CR	See PCP CSM see CSP
CSPE	chlorosulphonated polyethylene
EPDM	ethylene propylene terpolymer rubber
EPM	see EPR
EPR	ethylene propylene rubber
EVA	ethylene vinyl acetate
HDPE	high density polyethylene
HEPR	hard EPR
IIBR	isoprene isobutylene (butyl) rubber
LDPE	low density polyethylene
NBR	acrylonitrile butadiene rubber
NR	natural rubber
PC	polycarbonate
PCR	polychloroprene rubber
PE	polyethylene
PET	polyethylene terephthalate
PP	polypropylene
PPL	polypropylene paper laminate
PTFE	polytetrafluoroethylene
PVA	polyvinyl acetate
PVC	polyvinyl chloride
SBR	styrene butadiene rubber
SR	silicone rubber
TPR	thermoplastic rubber
VP	vulcanised rubber
XPLE	cross-linked polyethylene

Associations and Institutions

ABS	American Bureau of Shipping
ASTM	American Society for Testing Materials
BASEC	British Approvals Services for Electric Cables
BS	British Standard
BSI	British Standards Institution
CEE	International Commission for Conformity Certification of Electrical Equipment
CENELEC	European Committee for Electrotechnical Standardisation
CMA	Cable Makers Association (UK)
EEC	European Economic Community
IEG	International Electrotechnical Commission
IEE	Institution of Electrical Engineers (UK)
IEEE	Institution of Electrical and Electronics Engineers (USA)
IPCEA	Insulated Power Cable Engineers Association (USA) (now ICEA)
ISO	International Standards Organisation

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LRS	Lloyd's Register of Shipping
NAO	National Approval Organisation (E.E.C)
NEMA	National Electrical Manufacturers' Association (USA)
OCMA	Oil Companies Materials Association
SABS	South African Bureau of Standards
UL	Underwriter's Laboratories (USA)
SANS	South African National Standards

Cables and Constructions

CNE	combined neutral and earth
CPC	circuit protective conductor
CSA	corrugated seamless aluminum (sheath)
CTS	cabtyre sheath
DWA	double wire armour
ECC	earth continuity conductor
GSW	galvanised steel wire
HOFR	heat and oil resisting flame retardant
HR	heat retardant
MI	mineral insulated
NR	nitrile rubber OF oil-filled
OFR	oil resisting and flame retardant
PIAS	paper insulated aluminum sheathed
PILS	paper insulated lead sheathed
PME	protective multiple earthed
PWA	pliable wire armour
RNN	rubber/neoprene/neoprene
RPS	reduced flame propagation sheath
SAC	solid aluminum conductor
SL	separately lead sheathed
SNE	separate neutral and earth
STA	steel tape armour
SWA	single wire armour
TRS	tough rubber sheath

Miscellaneous

AWG	American wire gauge
CV	continuous vulcanising
EHV	extra high voltage (imprecise)
HV	high voltage (imprecise)
LV	low voltage (imprecise)
MCM	thousand circular mils (also kc mil)
MV	medium voltage (imprecise)
UD	underground distribution (USA)
UHV	ultra high voltage (imprecise)
LD	light duty
ND	normal duty
HD	heavy duty