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**STANDARDS BRANCH
- Power Division**

STANDARDS BULLETIN No. : S1-050

SUBJECT: SEALED LUGS FOR OUTDOOR CABLE TERMINATIONS

There has been evidence of paper lead heatshrink cable termination failures, due to ingress of moisture, through the palm of the lugs, and between the palm barrel, and the heatshrink termination. A new style sealed lug has been introduced to stop this moisture ingress, by having a sealed palm, and a longer barrel. These are to be used for outdoor termination of three core paper lead and single core XLPE cables with copper conductors. Bi-metal lugs are to be used on Aluminium cable terminations. Details of these new lugs are as follows:

| <u>STOCK CODE</u> | <u>DESCRIPTION</u> |
|-------------------|---|
| 251421 | LUG, COPPER, COMPRESSION, 25 mm ² , 19/1.35, SEALED PALM. |
| 251439 | LUG, COPPER, COMPRESSION, 35 mm ² , 19/1.53, SEALED PALM. |
| 251447 | LUG, COPPER, COMPRESSION, 120 mm ² , 37/2.03, SEALED PALM. |
| 255679 | LUG, COPPER, COMPRESSION, 185 mm ² , 37/2.52, SEALED PALM. |
| 251454 | LUG, COPPER, COMPRESSION, 240 mm ² , 61/2.25, SEALED PALM. |

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