

CERTIFICATION REPORT



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REPORT NO: LR 7189A-399

Edition 1: July 14, 1993; Application No LR 7189A-399 - Rexdale
Issued by N. Sajatovich

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SUBJECT

CLASS 4414 04 - GROUNDING AND BONDING DEVICES

Grounding and bonding connectors, copper taps, Part No 80408-2 and 80408-4.

REPLACES

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APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 41-M1987 - Grounding and Bonding Equipment

MARKINGS

On each connector body: (1)(2)(3)(7)
On or in the smallest unit package: (4)(5)(6)

- (1) Manufacturer's name or trademark.
- (2) CSA Mark.
- (3) Wire sizes.
- (4) Wire combinations.
- (5) Electrode size.
- (6) Part number.
- (7) The wording, "DIRECT BURIAL", "DB" or equivalent.

ALTERATIONS

As indicated in "MARKINGS" above.

FACTORY TESTS

Not applicable.

DESCRIPTION

Grounding and bonding connectors, "SHEAR-LOK" copper taps, Part No 80408-2 and 80408-4, for direct burial applications, copper conductors only.

The wire combinations for each Part No are as follows:

<u>Part No</u>	<u>Large Wire</u>	<u>Small Wire</u>
80408-2	5/8 Galv rod (.625)	6 SOL, STR
80408-4	3/4 Galv rod (.750)	6 SOL, STR

1. Body: Copper alloy, CDA 954 with factory applied anti-oxidation compound, C-shaped, 1.73 in wide and 2.40 in long. Refer to Figs 1 and 2.
2. Wedge: Copper alloy, CDA 954 and similar in shape to presently Certified C-Lok wedge. Refer to Figs 1 and 2 for dimensions and shape.
3. Bolt: Silicone bronze, CDA 651. The bolt head is designated to shear at a pre-determined torque. Hex bolt is approx 2.87 in long, 5/16-18 and supplied with a stainless steel washer.