



Kinectrics Type Test Certificate of Type Test No. 048-2013

DMC Power, Inc.

14502 South Figueroa Street
Gardena, CA 90248
USA

Type testing was performed on swaged connectors installed on various sizes of ACSR conductor. All test connectors, as tested, met the acceptance criteria of their specific governing standard. They are as follows:

- Class A, Current Cycle Test (500 cycles) as per ANSI C119.4 on swaged connectors connected to ACSR Bluebird conductor.
- Class AA, Current Cycle Test (500 cycles) as per ANSI C119.4 on swaged connectors connected to ACSR Bluebird conductor. Selected connectors were exposed to a total of 1000 current cycles.
- Mechanical Maximum Load Tests as per ANSI C119.4 on swaged connectors connected to ACSR Linnet, Drake and Bluebird conductors.
- Mechanical Sustained Load Tests as per ANSI C119.4 on swaged connectors connected to ACSR Linnet, Drake and Bluebird conductors.
- Sheave and Pullout Test sequence as per Kinectrics procedure on a swaged connector installed on ACSR Drake conductor.
- Corona and RIV Tests on swaged transmission connectors were conducted per NEMA CC1 up to 765 kV with added corona-control devices as outlined in report K-016113-RC-0002.

The mechanical and current cycling tests were performed January 16th, 2012 through January 14th, 2013. Results are recorded in Kinectrics Test Reports Number K-419340-RC-0001 through K-419340-RC-0008.

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