

May 9, 2013

Certification No: CTC 4023

Attention:

GE Energy
8422 W. Antoine Loop
Shreveport, LA 71129

Reference: a. NEMA 3R
b. Quote CTQ 13001
c. CascadeTEK Job No. 4023



Cascade Technical Sciences
www.cascadetek.com
1-888-935-9250



TESTING CERT #2582.01

CERTIFICATION

Cascade Technical Sciences hereby certifies that One (1) Regulator Control Cabinet, P/N 8085B025G01, was subjected to the following tests:

1. Access to Hazardous Parts Test per Reference (a) Paragraph 5.2 and (c) Item 1, sample was exposed to probing from a rod with a 1/2" diameter.
2. Water Ingress (Rain) Test per Reference (a) Paragraph 5.4 and (c) Item 2, sample was exposed to 1 hour of continuous spray from three spray heads (5 psi at each head) apparatus per Figure 5-1.
3. External Icing Test per Reference (a) Paragraph 5.6 and (c) Item 3, sample was placed in a chamber and temperature was transitioned to -2C. Sample was sprayed with ice water for a period of 1 hour and then chamber was transitioned to a temperature of -7°C. After sample reached 3/4" of ice build-up chamber was transitioned to a temperature of +25°C for sample to defrost. The sample was found to be undamaged once the ice had melted.
4. Outdoor Corrosion Protection Test per Reference (a) Paragraph 5.9 and (c) Item 4, sample was exposed to 5% salt fog at a temperature of +35°C for a period of 600 hours. The sample did not show pitting, cracking or other deterioration more severe than G90 galvanized steel that underwent the same conditions.
5. Gasket Test per Reference (a) Paragraph 5.14 and (c) Item 5, Door Gasket for the sample was exposed to a temperature of +70°C for a period of 168 hours. Sample showed no visible deterioration, deformation, melting, hardening or cracking.

Testing was done in accordance with the above references as evidenced and reported in the accompanying data. The test sample was returned to the customer.

The original of this report is on file at Cascade Technical Sciences, Inc. under the above referenced certification number for review by authorized personnel. The results of the testing reported herein relate only to the actual item tested.

Cascade Technical Sciences, Inc.

Certification 4023 Data

Respectfully submitted,

David Bowles
Quality Administrator
Cascade Technical Sciences, Inc.