

Certificate of Testing

Serial Number: 11724CC01B

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Anord Control Systems Ltd
Coes Road Industrial Estate
Dundalk
Co. Louth
Ireland

Client's Order Number: 149951
Works Order Number: 11724-01
Date of Tests: 14th to 26th October 2009

Attn.: Mr. Jerome McEvoy

Specimens: 1 off: AMS Switchgear Steel Cabinet
Part Number: 8003G
TRaC Stores Number: 23911
Receipt Date: 14th October 2009

Specification: Humidity Test

The test was carried out in accordance with TRaC Environmental and Analysis Quotation 11724-01 dated 30th September 2009, IEC 60068-2-30 and IEC 61439-1.

Peak Temperature: 40°C
Duration: 6 cycles of 24 hours

Salt Mist Test

The test was carried out in accordance with TRaC Environmental and Analysis Quotation 11724-01 dated 30th September 2009, IEC 60068-2-11 and IEC 61439-1.

Peak Temperature: 35°C
Duration: 2 cycles of 24 hours

TEST ENGINEER 

M. Patel

Q.A. APPROVAL 

C. Stone Test Manager

Certified that the specimens detailed hereon have been subjected to the tests as required by the order unless otherwise stated above. Our technical competence and quality control arrangements are in accordance with the conditions of our UKAS accreditation. No representation or warranty is given that the Tests performed under the terms of the Contract constitute, in themselves, a sufficient programme for the Customer's purpose, nor that the Customer's Equipment is suitable for any particular purpose. The contents of this Certificate shall not be reproduced, except in full, without the written approval of TRaC Environmental & Analysis Limited

WARWICK

Rothwell Road, Warwick, CV34 5JX, UK.

T +44 (0)1926 478478 F +44 (0)1926 478479 E test@tracglobal.com

www.tracglobal.com

Issue Date: 18th November 2009



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Procedure: Humidity Test

The specimen was visually inspected prior to testing. The Steel Cabinet was setup inside the climatic chamber as shown in Figure 1. Two platinum resistance thermometers (PRT) were employed to monitor the chamber temperature and a hygrometer used to monitor the humidity within the chamber. The test was performed as defined in the specification. On completion of the test, the specimen was subjected to a post test visual inspection.

Salt Mist Test

The specimen was visually inspected prior to testing. The Steel Cabinet was setup inside the climatic chamber as shown in Figure 2. The specimen was subjected to a salt corrosion test as defined in the specification. Following the two 24 hour cycles, the specimen was subjected to a post test visual inspection.

Results: Humidity Test

The specimen completed the testing with no conspicuous signs of external damage or degradation.

Salt Mist Test

A post test visual inspection of the specimen showed small amounts of corrosion as shown in Figure 3 – 6.