

Certificate of Testing

Anord Control Systems
Coes Road
Dundalk
Co Louth
Ireland

Serial Number: 10676CC01A

Page 1 of 10 Pages

Client's Order Number: 149397
Works Order Number: 10676-01
Date of Tests: 11th and 12th May 2009

Attn.: Mr. Jerome McEvoy.

<u>Specimen:</u>	1 off	Enclosure
	Identification No.:	8003E
	TRaC. Stores No.:	23424
	Receipt Date:	11 th May 2009

Specification: Ingress Protection Testing
Tested in accordance with BS EN 60529:1992.

IP5X - Dust Protected (category 2)

Duration: 8 hours

IPX4 - Protected against splashing water

Nozzle: Spray Nozzle
Flow Rate: 10 litres per minute
Duration: 7 minutes
Distance: 300 to 500 mm

TEST ENGINEER

G. Ball



Q.A. APPROVAL

D. K. Morris Chief Test Engineer



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

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Issue Date: 15th May 2009



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Page 2 of 10 Pages

Procedure: IP5X - Dust Protected (category 2)

The specimen was mounted in the dust chamber in its normal operating orientation, as shown in Figure 1. The base was sealed to simulate installation conditions.

IPX4 - Protected against splashing water

The specimen was mounted in its normal operating orientation, as shown in Figure 2, and was sprayed from all possible directions. The base was sealed to simulate installation conditions.

Results: IP5X - Dust Protected (category 2)

The specimen was removed from the dust chamber and subjected to an internal inspection for any evidence of dust ingress. Small amounts of dust were found in all areas of the enclosure, as shown in Figures 3, 4, 5 and 6, but the amounts were deemed insufficient to affect the safety or function of the specimen.

IPX4 - Protected against splashing water

The specimen was dried externally before being inspected internally for water ingress. A small amount of water was found in the shelving area of the enclosure, as shown in Figures 7 and 8, but insufficient to affect safety or function.

The specimen therefore satisfies the requirements of BS EN 60529: 1992 IP54.