



Marine & Offshore  
Division

Attestation number: 167LYN15

The continuation sheet(s) form(s) part of the attestation.

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## ATTESTATION FOR TERMINAL BLOCK

**Applicant** : ABB France - Activite Raccordement (CHASSIEU CEDEX - FRA)  
**Requirements** : Environmental tests for marine certification  
**Product description** : **RGW RANGE TERMINAL BLOCKS FOR MARINE APPLICATIONS**  
**Quantity** : 1 set

**Particulars of products as declared by the applicant:**

**Manufacturer** : ABB France - Activite Raccordement (CHASSIEU CEDEX - FRA)  
**Test performed according to** : IEC 60068  
**Damp heat test-cyclic** : IEC 60068-2-30  
**Dry heat test** : IEC 60068-2-2  
**Damp heat test-static** : IEC 60068-2-78  
**Cold test** : IEC 60068-2-1  
**Range of products tested** : TERMINAL BLOCKS RGW  
**Products tested** : RGW2.5-V0, RGW6-V0, RGW25-M5-V0, RGW2.5-PE-V0  
**Products covered** : All products of RGW range

**Enclosures / Remarks** : Test reports Nr: 20150056-1A , 3A, 5A, 7A  
 This attestation cannot be used as type approval document.  
 Only tests performed according to IEC referenced are certified.

At the request of the applicant identified here above, this is to attest that the interventions as described in the subsequent page(s) were carried out with satisfactory results and within the scope of the General Conditions of Marine & Offshore Division of Bureau Veritas

**Marking** : Range product - Manufacturing date - IEC standard

**Last attendance date** : 16 Apr 2015

**Issuance date** : 18 Jun 2015

**Surveyor** : Jean-Marc Cabuzel

**Office** : BV LYON



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## **SCOPE OF INTERVENTION**

### **TESTS PERFORMED**

- All the tests listed below have been performed in our attendance.

- According to the following IEC 60068 standard

\* IEC 60068-2-30 Ed. 3.0 / 2005-08 : Damp heat test - cyclic

- Tests scheduled:
  - . Before test:
    - Voltage drop
    - Insulation resistance
  - . After test
    - Voltage drop
    - Dielectric test
    - Insulation resistance

\* IEC 60068-2-2 Ed. 5.0 / 2007-07: Dry heat test

- Tests scheduled
  - . Before test
    - Voltage drop
  - . After test
    - Voltage drop

\* IEC 60068-2-78 Ed. 2.0 / 2012-10: Damp heat test - static

- Tests scheduled:
  - . Before test:
    - Voltage drop
    - Insulation resistance
  - . After test
    - Voltage drop
    - Dielectric test
    - Insulation resistance

\* IEC60068-2-1 Ed. 6.0 / 2007-03: Cold test

- Tests scheduled:
  - . Before test:
    - Voltage drop
    - Insulation resistance
  - . After test
    - Voltage drop
    - Dielectric test
    - Insulation resistance

*For information IEC standards above listed are required by IACS E10 2014 rev.6, BV NR467 2014-07, DNV SFC N° 2.4 2006-04, GL Ed.2012 VI-7-2 & LRS Ed. 2015-02 requirements.*

**PRODUCTS TESTED**

Products listed below are representative of terminal blocks RGW range.

<b>IEC STANDARD REF.</b>	<b>REF. TEST</b>	<b>TERMINAL BLOCK REF.</b>
IEC 60068-2-30	Damp heat test -cyclic	RGW2.5-V0, RGW6-V0, RGW25-M5-V0, RGW2.5-PE-V0.
IEC 60068-2-2	Dry heat test	RGW2.5-V0, RGW6-V0, RGW25-M5-V0, RGW2.5-PE-V0.
IEC 60068-2-78	Damp heat test-static	RGW2.5-V0, RGW6-V0, RGW25-M5-V0, RGW2.5-PE-V0.
IEC 60068-2-1	Cold test	RGW2.5-V0, RGW6-V0, RGW25-M5-V0, RGW2.5-PE-V0.

**RESULTS OF TESTS**

All results of tests performed are detailed on report Nr: 20150056-1A , 3A, 5A, 7A .

These reports are attached to this attestation.

All tests are conform with corresponding IEC requirements.