



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB010910XH-A**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Aluminium alloy sheets and plates
<i>Type</i>	Grades 5083 H111 - H116 - H321 5086 H116
<i>Applicant</i>	ELVAL HELLENIC ALUMINIUM INDUSTRY S.A. 57 KM NATIONAL ROAD ATHENS-LAMIA GREECE
<i>Manufacturer</i>	ELVAL HELLENIC ALUMINIUM INDUSTRY S.A.
<i>Place of manufacture</i>	57 KM NATIONAL ROAD ATHENS-LAMIA GREECE
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **PIRAEUS** on **November 4, 2015**. *This Certificate is valid until* **May 20, 2020**



RINA Services S.p.A.
Paolo Atanasio

This certificate consists of this page and 1 enclosure

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Grades **5083 H111 - H116 - H321**
5086 H116

APPROVAL CONDITIONS

- The chemical composition and the mechanical properties are to be in accordance with the RINA requirements
- The products are to be tested according to the RINA Rules
- The approval is valid for products up to 13 mm thickness
- The assembly by welding shall be carried out by welding processes and consumables approved by RINA for the concerned grade of alloy.

General conditions for the approval

- The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.
- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

PIRAEUS November 04, 2015


Paolo Atanasio
 **RINA**
P. ATANASIO