



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS  
No. FAB003411WS**

**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>	<b>Normal strength and higher strength hull steel plates</b>
<i>Type</i>	<b>A/ B/ D/AH32/ DH32/ AH36/ DH36</b>
<i>Manufacturer</i>	<b>MEDIUM PLATE MILL OF MEDIUM AND HEAVY PLANT</b>
<i>Place of manufacture</i>	<b>OF ANGANG STEEL CO., LTD HONGQI ROAD, LINGSHAN, LISHAN DISTRICT, ANSHAN CITY 114021 LIAONING CHINA</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

*Issued in* **SHANGHAI** on **September 23, 2011.** *This Certificate is valid until* **February 17, 2016**



  
RINA  
Hong Gu

This certificate consists of this page and 1 enclosure

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A/ B/ D/AH32/ DH32/ AH36/ DH36

**APPROVAL CONDITIONS**

Particulars of the approval:

<b>Grade</b>	<b>Steel making</b>	<b>Deoxidation practice</b>	<b>Fine grain treatment</b>	<b>Delivery condition</b>	<b>Max. thickness (mm)</b>
A, B	BOC, CC	Killed	---	AR	40
D	BOC, CC	Killed	Al	CR	40
AH32,DH32, AH36,DH36	BOC, CC	Killed	Al+V+Nb	CR	40

Note: AR: As rolled; CR: Controlled rolling

Survey conditions: The plates are to be in compliance in all respects with the relevant RINA rules and are to be test accordingly.

**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.



**SHANGHAI September 23, 2011**