



WORKSHOP APPROVAL STATEMENT
No. REC000511WS

Further the ascertainment carried out and based on the documentation submitted, RINA hereby declares that:

<i>Description</i>	Workshop Approval
<i>Type</i>	MARINE BUTTERFLY VALVE
<i>Manufacturer</i>	DUVALCO VALVE TIANJIN CO., LTD
<i>Place of manufacture</i>	GUANGMING INDUSTRIAL AREA, BEIZHAKOU TOWN JINAN CHINA
<i>Reference standards</i>	RINA Rules

On the basis of the proofs of the qualification level and experience, upon satisfactory outcome of the inspection carried out at the Company facilities and following the review of the relevant work procedures and instructions, the recognition as APPROVED WORKSHOP has been granted to the Company, in compliance with the RINA Rules for the Classification of Ships.

Issued in **SHANGHAI** on **January 27, 2011**. This Certificate is valid until **December 10, 2015**



RINA

This certificate consists of this page and 1 enclosure

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MARINE BUTTERFLY VALVE

Approval discription :

- Body material :

Type	ReH (N/mm2) min.	Rm (N/mm2) min.	A5 (%) min.	Hardness (Brinell)	Delivery condition
QT4001-15	250	390	15	130 - 180	Normalizing + tempering

- Valve dimension : DN50-1200mm

SHANGHAI January 27, 2011

