



Work Order: 4525133-A
 First Visit Date: 16-Nov-2020
 Last Visit Date: 16-Nov-2020
 Survey: Rizhao
 Location:

Miscellaneous Report

Asset Type Pilot Ladder
Customer Name RIZHAO DONGHAOXING RUBBER AND PLASTIC CO., LTD.
WCN of Customer 465739
Location Rizhao

'This is to certify that the undersigned Surveyors to this Bureau did at the request of RIZHAO DONGHAOXING RUBBER AND PLASTIC CO., LTD. , on 16-Nov-2020 carry out the following Survey and report as follows:

Client Asset Name Quantity

Pilot Ladder Magnet 1

Name Plate Data

ABS Label	Manufacturer	Purchaser	Destination	Vessel
Pilot Ladder Magnet	RIZHAO DONGHAOXING RUBBER AND PLASTIC CO., LTD.	-	-	-

Basic Identification Data

Serial Number	Model Number	Owner Tag Number	Supplier Ref. Number
DH001 THRU DH300, DHX001 THRU DHX300	DH-400Kg & DHX-500Kg	-	-

Report Details

ABS Stamping

Manufacturer's serial number

Statement of Work - Classification Service - Miscellaneous Survey

- All testing (pressure/load/operational/etc.) has been carried out as applicable and verified in accordance with the applicable Rules/ specifications.
- Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.

Report Findings

Statement/Observation

Finding No	Asset	Survey Task	Date Created
2.0	Pilot Ladder Magnet	Miscellaneous Survey Pilot Ladder Magnet	16-Nov-2020

Found

Three hundred (300) pieces of pilot ladder magnet type DH-400Kg (3 magnets, magnet diameter 75mm) & three hundred (300) pieces of pilot ladder magnet type DHX-500Kg (4 magnets, magnet diameter 60mm) were fabricated at Rizhao Donghaoxing Rubber and Plastic Co., Ltd.

Magnets vertical suction proof load spot check as per manufacturer's specification were witnessed & details as following:

Type / Sampling Ratio / Random selected samples serial number / Proof Load / Holding time

DH-400Kg / 2% / DH006, DH025, DH117, DH189, DH204, DH253 / 400Kg / 5 minutes

1 of 2

'This Report does not constitute validation of any ABS Rule requirement relating to the captioned equipment or documentation, as no evaluation of acceptance or rejection is made by the signatory. This Report is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.'





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DHX-500Kg / 2% / DHX009, DHX035, DHX076, DHX185, DHX193, DHX252 / 500Kg / 5 minutes

After load test, the magnet can be dismounting from clump weight with one hand.

The calibration cert of the load cell used for this proof load test (Serial Number: OCS20180408051 / Cert No.: DH01-2020900157) was verified.

Details refer to the manufacturer's test report endorsed by attending surveyor.

Attending Surveyor(s):

Wang, Guan

Signed-off Date: 24-Nov-2020

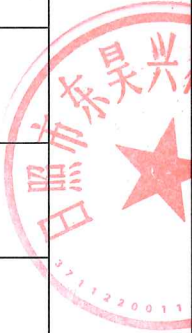


Reviewing Surveyor(s)

Work Order Reviewer: Sun, Liang-Xue
Work Order Credit Date: 25-Nov-2020

Product Inspection Report

Item Description:	Pilot ladder magnet
Materials:	Magnet, steel plate, stainless steel assembly
External dimensions:	length 345 * width 180* height 35mm
Weight:	4KG
Application:	Fixing pilot ladder or embarkation ladder on shipside.
Manufacturer:	Rizhao Donghaoxing Rubber and Plastic Co. LTD
Specifications:	Dh-400kg (3 magnets, magnet diameter 75mm) Dhx-500kg (4 magnets, magnet diameter 60mm)
Quantity and Series number:	DH-400kg 300pcs, DH001 - DH300 DHX-500KG 300pcs, DHX001 - DHX300
Inspection method:	<p>Sampling inspection</p> <p>DH-400kg, sampling test series number: DH006, DH025, DH117, DH189, DH204, DH 253. The vertical suction force $\geq 400\text{KG}$ and the outer diameter of 3 magnets of 75mm, can be dismantled with one hand.</p> <p>DHX-500kg, sampling test series number: DHX009, DHX035, DHX076, DHX185, DHX193, DHX252. The vertical suction force $\geq 500\text{KG}$ and the outer diameter of 4 magnets of 60mm, can be dismantled with one hand.</p>



Inspection time duration:	Do not detach from the adsorption steel plate for 5 minutes each time, and test three times consecutively.
Conclusions:	The product has passed the inspection.
Signature of the experimenter:	何兴鑫
Signature of the examiner:	何兴兵
Signature of surveyor:	<div style="border: 1px solid blue; padding: 2px;"> ATTACHMENT TO: 4525133 REVIEWED <input type="checkbox"/> MONITORED <input type="checkbox"/> WITNESSED <input checked="" type="checkbox"/> INSPECTED <input type="checkbox"/> WANG, GUAN DATE: 16. Nov. 2020 ABS CHINA LIMITED (QING DAO) </div>



Rizhao Donghaoxing Rubber and plastic Co. LTD

November 16, 2020

