

TYPE EXAMINATION CERTIFICATE

This is to certify:**That the Accommodation Ladder/Winch**

with type designation(s)

**Accommodation ladders; 12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50,52,54,
56 & 60 steps**

Manufactured by

**Jiangyan City Marine Outfitting Co., Ltd.
Jiangyan JIANGSU, China**

is found to comply with

ISO 5488 Shipbuilding - Accommodation ladders**Application :****Accommodation ladder**This Certificate is valid until **2019-09-02**.Issued at **Høvik** on **2015-09-03**DNV GL local station: **Nantong CMC**Approval Engineer: **Xiao Long Eric Song**for **DNV GL**

Aldo Matteucci
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.

Product description

The accommodation ladders are designed to withstand a uniform load equivalent to 735 N on every step when the ladders are both in a horizontal position and at their maximum working angle.

Application/Limitation

- All materials shall be delivered with material certificates equal to minimum EN-10204 3.1.B.
- All welding to be carried out by qualified welders and according to procedures acceptable to the surveyor.
- The various components transferring the load like links, shackles, wire etc. shall be made according to recognized standards with a minimum safety factor of 5, and be delivered with relevant certificates for grade of material and testing.
- The connection to the ship's structure is understood to be approved according to separate drawings in connection with approval of hull structure.

Type Examination documentation

Drawing No.	Rev.	Title
Q264JYCX-200-00/-Y	1	Al. acc. Ladder/ Al.pilot acc. Ladder
	0	main technological data(A)
Q264JYCX-200-WELD	0	Leg of fillet weld
Q264JYCX-200-01	0	Step
Q264JYCX-200-02/-01	0	Stanchion
Q264JYCX-200-SPT	2	UPPER PLATFORM
Q264JYCX-200-SPT-J	2	UPPER PLATFORM FRAME
Q264JYCX-200-SPT-R	1	ROTARY PLATFORM
Q264JYCX-200-SPT-Y	1	UPPER PLATFORM FOR PILOT ACC LADDER
Q264JYCX-200-FT-A	0	TURNING DEVICE FOR LADDER
Q264JYCX-200-FT-B	0	TURNING DEVICE FOR LADDER
	0	Table 1 Principal parameter dimensions
Q264JYCX-200-S.R	0	SIDE ROLLER
Q264JYCX-200-03	0	Shore roller
Q264JYCX-200-XPT	0	Lower platform
Q264JYCX-200-HL	0	Sheave device
Q264JYCX-200-HL-B	0	Sheave device(B)
Q264JYCX-ACC-NP	0	NAMEPLATE (FOR ACC LADDER)
Q264JYCX-ACC-P-NP	0	NAMEPLATE (FOR PILOT ACC LADDER)
Q264JYCX-218~260-00JS	0	Strength of calculate



Job Id: **262.1-020273-1**
Certificate No: **TAS000003U**

Tests carried out

Prototype testing carried out in November-2003 and April- 2004, witnessed by DNV Shanghai.

Marking of product

The accommodation ladders are to be marked with the manufacturer's name or trademark and type number identification.

Certificate Retention Survey

For retention of the Type Approval, DNV surveyor shall perform a survey every second year and before expiry date of this certificate in order to verify that the conditions of the type approval are complied with.

END OF CERTIFICATE