



Certificate For Anchor Chain Cable and Chain Cable Fittings

Client/Manufacturer
Jiangsu Asian Star Anchor Chain Co., Ltd
Chain manufacturer (if different from above)
Same as client
Testing house name and address (if different from above)
Same as client

Purchaser
Order number on manufacturer
04T2796
Work's order number
-
Material certificate numbers
19525,050527021001.

This certificate is issued to the above Client to certify that the Anchor Chain Cable and Chain Cable fittings, detailed herein, have been made, examined and tested in accordance with the Rules and Regulations for the Classification of Ships.

| Particulars of Finished Chain Cable and Fittings | | | |
|--|---|--|--|
| Chain grade | U(2)a | Nominal diameter (mm) | 42 |
| Total length of chain cable | -275- | Length of link (mm) | 151 |
| Number of enlarged shackles | NIL | Number of lugged joints | NIL |
| Number of swivels | NIL | Number of lugged joints | NIL |
| Proof load applied kN | 703 | Break load applied kN | 984 |
| Break test frequency | | Approved alternative procedure for break test applied | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Manufacturing Process | Flash butt welded, Drop forged (fittings) | Heat treatment | <input checked="" type="checkbox"/> Every four (27.5m) lengths <input checked="" type="checkbox"/> Each batch (fittings) |
| | | | <input type="checkbox"/> Each (27.5m) length <input checked="" type="checkbox"/> Each batch (fittings) |

| Mechanical Properties - Finished Cable and Fittings | | | | | | | | | | |
|---|-------------------|----------------|------------------|----------|--------------|------------------------|---|---|---------|------------------|
| Cost number | Cable/ Fitting | Yield strength | Tensile strength | Elong. % | Red. of Area | Impact Values - Joules | | | Average | Location in way/ |
| | | | | | | Temp °C | 1 | 2 | | |
| 0516 | CABLE | - | - | - | - | - | - | - | - | - |

| Chemical Composition - As Supplied by Manufacturer | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|----|-----|-----|-----|-----|----|-----|
| Cost number | C% | Si% | Mn% | P% | S% | Al% | N% | Cr% | Cu% | Nb% | Ni% | V% | Mo% |
| 0516 | 0.21 | 0.25 | 1.25 | .018 | .014 | .034 | - | - | - | - | - | - | - |

Identification Mark
LR NJG 0542549-(80-89,392-401) PL703KNU2

F. Zhang
Surveyor to Lloyd's Register Asia
A member of Lloyd's Register Group
Date
26 August 2005
Office
Nanjing

Lloyd's Register
CERTIFIED TRUE COPY
P/O NO. Date 24/8/10-10-01
D/O NO. 03578

To be completed by the Surveyor verifying the equipment after placing on board
Chain cable placed on board (name of vessel)
DATE 15-10-10

Should the Anchor Chain Cable or fittings described above be lost or destroyed, this certificate is to be returned to your Lloyd's Register Group office, for cancellation. If the Anchor Chain or fitting is impaired or otherwise altered, so as to destroy its identity with the certificate, the facts are to be reported to your Lloyd's Register Group office in order that the certificate may be altered accordingly.

† Delete where not applicable

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