

SHANGHAI JIAO TONG UNIVERSITY

TEST REPORT

TEST NAME SUPFLEX ANCHOR BAR LOW TEMPERATURE TENSILE TEST

CONSIGNMENT UNIT SUPFLEX PONTOON MOORING SYSTEMS INC.

UNDERTAKE UNIT EXPERIMENTAL CENTRE OF ENGINEERING MECHANICS

VERIFICATION

EXAMINE AND APPROVE

DATE OF TEST



A red circular stamp is positioned over the signature lines. It contains two handwritten signatures in black ink. A horizontal line is drawn across the middle of the stamp, separating the two signatures.

April 18, 2004.

SHANGHAI JIAO TONG UNIVERSITY

TEST REPORT OF ENGINEERING MECHANICS EXPERIMENTAL CENTRE

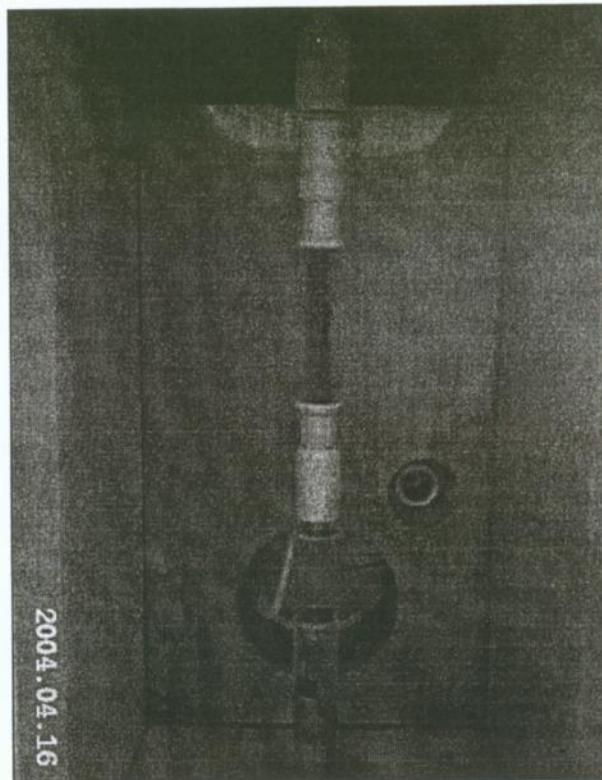
CONSIGNMENT UNIT: SUPFLEX PONTOON MOORING SYSTEMS INC.
TEST CONTENT: SUPFLEX ANCHOR BAR LOW TEMPERATURE TENSILE TEST
TEST EQUIPMENT: ZCS-25 MATERIALS TESTING MACHINES
TEST LOAD IN TENSILE/COMPRESSION $\pm 25T$
KLASSE: $\pm 0.5\%$.

TEST REQUIREMENT: WHEN THE TEST SPEED IS 0.5mm/s, SINGLE SAMPLE OF ANCHOR BAR UNDER THE TEMPERATURE OF -40 DEGREE AND 8.3kN TEST LOAD IN TENSILE, REPORT THE COEFFICIENT OF EXTENSION OF THE MIDDLE RUBBER JOINT

TEST RESULT: UNBREAK UNDER THE TEMPERATURE OF -40 DEGREE AND 8.3kN TEST LOAD IN TENSILE, THE COEFFICIENT OF EXTENSION IS 52.17%.

The original length of the rubber joint L_0	Extension of the rubber joint ΔL	Coefficient of extension
70.54mm	36.80mm	52.17%

TEST PICTURE:



AUTOGRAPH DCS

DATE 2004.4.16

RECORDER X-T

X-AXIS LOAD

TEST TENSION OR COMPRESSION

10

MODE SINGLE

CRHD SPEED 30

MM / MIN

LOAD 1250

KG / FS

CHART RATIO 5

70.54

MM

MAX

RFPEAK

SAMPLE NO DIAMETER (MM)

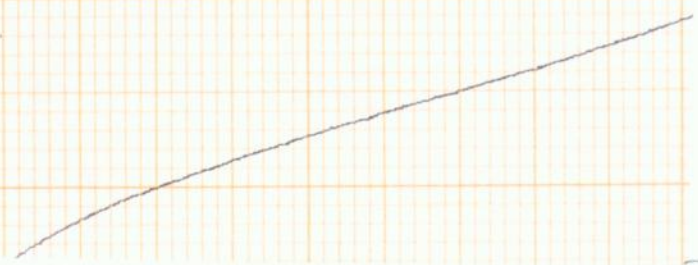
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1

20

20

0



W

AUTOGRAPH DCS

DATE 2004.4.16

RECORDER X-T

X-AXIS LOAD

TEST TENSION OR COMPRESSION

10

MODE SINGLE

CRHD SPEED 30

MM / MIN

LOAD 1250

KG / FS

CHART RATIO 5

70.54

MM

MAX

RFPEAK

SAMPLE NO DIAMETER (MM)

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1

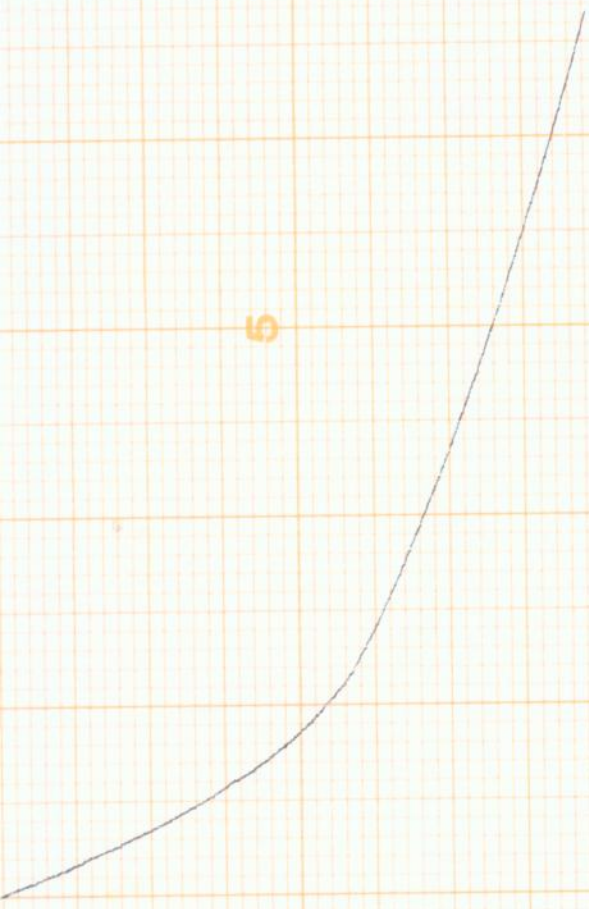
20

20

0



W



SAMPLE NO 1

AREA

314.16

MM2

LOAD (KG)

839.64

MAX

NO-DATA

BREAK

ELONG (MM)

36.800

NO-DATA

STRESS (KG/MM2)

2.6440

NO-DATA

STRAIN (%)

52.169

NO-DATA

5

10

15

20

TEST ORIGINAL DATA AND GRAPH:

EXPERIMENTER:

A red circular stamp is partially visible, containing some illegible text. To its right is a handwritten signature in black ink, which appears to be '张勇' (Zhang Yong) followed by a stylized flourish.

April 18, 2004.

THE REPORT IS ONLY THE SAMPLE-ORIENTED ANALYSIS