



MANUFACTURER: TIANJIN PIPE (GROUP) CORPORATION
ADD: JINTANG ROAD DONGLI DISTRICT, TIANJIN, CHINA

TEL: 86-22-24801073
FAX: 86-22-24801291

QUALITY CERTIFICATE

Licence No.:

NO: 15011651

QR-11-8.2.4-3

[illegible]

Remark: desti. = destination, tem. = temperature, speci. = specification, Manu. = Manufacture, G=Good; Hydr. =hydraulic

(FOR EXPORT ONLY)



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Contract No.

TPCO-14805F

L/C No.

TUBING

Esso Exploration and Production Chad, Inc. Product

Port of desti. 4501074469 120-Nov-2014

API SPEC 5CT 9th

Delivery condition

Sample No.

1* Tem. °C

T.S. Type

Y.S. %

Shrink %

2* Tem. °C

Size

AK1

Shear %

AK2

Thick

C

D

Grain size

Structure

Quantity

Pieces

Meters

Bundles

Tons

4.305

37.909

Q+T

Q+T

331-001-1

331-001-1

A

A

22

22

750

732

Rt0.5

Rt0.5

651

638

21.0

20.0

A

A

0

0

76

76

100

100

80

81

100

100

79

85

100

100

78

81

100

100

Total

294

MAX

Sample No.

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

331

Heat No.

Material

145984

30Mn5

655736

30Mn5

L

P

P

P

L

P

P

P

L

P

P

P

L

P

P

NDE (100%)

Visual and dimension

G

G

G

G

G

G

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

Collapse test

SSC

HIC

Hydro. Test

Pipe end NDE

Drift

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SSC

HIC

Hydro. Test

Pipe end NDE

Drift

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HIC

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Pipe end NDE

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Drift

Collapse test

SSC

HIC

Note:

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We hereby state that all pipes are manufactured and inspected according to above standards and order.

No.

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(1)

Date:

2015-2-11

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