



QR-11-8.2.4-3

QUALITY CERTIFICATE

Licence No.:

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

NO.: 14123050

[illegible]

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

(FOR EXPORT ONLY)



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(FOR EXPORT ONLY)



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

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

QUALITY CERTIFICATE

Licence No.:

QR-11-8.2.4-3

NO.: 15011951

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|------------------------|--|--|--|-------------------------|--|--|--|--------------------------------|--|---|--|------------|--|
| Contract No. | | TPCO-14805E | | L/C No. | | ESCO Exploration and Production Chad, Inc. Product | | CASING | | O.D. W.T. 24.58mm 10.00mm 10.00mm 10.00mm | | IN LOOSE | |
| Order | | Esso Exploration and Production Chad, Inc. Product | | CASING | | Steel grade | | K55 | | Total pieces | | 83 | |
| P.O. No. | | 4501074467 | | 120-Nov-2014 | | Port of desti. | | API SPEC 5CT 9th ed. | | Total metres | | 62.665 | |
| Standard | | API SPEC 5CT 9th ed. | | Type of thread | | BC | | Length range | | 12.00-13.00M | | Total Tons | |
| Lot No. | | 20 | | 83 | | Delivery condition | | Sample No. | | 20-12-1519 | | A | |
| Heat No. | | 641891 | | 20 | | 62.665 | | As rolled | | 20-12-1519 | | A | |
| Quantity | | Meters | | Bundles | | Tons | | T.S. °C | | Type | | Y.S. | |
| 641891 | | 20 | | 83 | | 62.665 | | As rolled | | 20-12-1519 | | A | |
| Tensile test(MPa) | | Shrink % | | Elong. % | | 27.0 | | Tem. °C | | 2* °C | | Size | |
| 721 | | 721 | | 721 | | 721 | | 721 | | 721 | | 721 | |
| Hardness test (middle) | | Hardness test (inside) | | Hardness test (outside) | | A-strip, L, bo=38. Imm Lo=50mm | | Note: | | 62.665 | | 83 | |
| Heat No. | | Sample No. | | MAX | | 1 | | 2 | | 3 | | AVE | |
| 641891 | | 20 | | 20-12-1519 | | 1 | | 2 | | 3 | | AVE | |
| Total | | 83 | | 62.665 | | Note: | | A-strip, L, bo=38. Imm Lo=50mm | | 62.665 | | 83 | |
| Heat No. | | Sample No. | | MAX | | 1 | | 2 | | 3 | | AVE | |
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