

**RELEASE NOTE FOR
SHIPMENT Rev.01**

Mittellung über abgenommenes Material

Customer P.O.: TNET0000016 to VM / Oil & Gas
Manufacturer Order No.: 869/0650/01
Vetco Project: VS - 0219-10

Date/Datum **September 14th 2010**
Customer TULLOW NETHERLANDS BV

Kunde

Address Scheveningseweg 58, 2517KW-Den Haag, The Netherlands

Anschrift

Vendor/Subvendor VM Oil & Gas UK LTD (18/R001822)

Location

Westhill / Aberdeen

Lieferer/Zulieferer

Ort

Manufacturer V & M Tubes

Location

Düsseldorf / Germany

Hersteller

Ort

I, the undersigned, / Ich, der Unterzeichnende, **M.Franke**

advise you that the material has been accepted/erkläre hiermit, daß das Material abgenommen wurde.

This is the
Dieses ist der

☐ whole
Gesamt-

☒ part
Teil-

☐ balance of the order
Rest-Auftrag

Item No. Pos. Nr.	Quantity Anzahl	Material Material	Description Beschreibung	Date of Inspection Datum der Inspektion	Item Status Stand
Item 01	136 pcs 1947,75 m 419.345 kg	CSG HFI welded 20.00" o. d. x 147,00 lbs/ft ends with BIG-OMEGA-Coupling connection. Material grade K 55. Length of range 3. Couplings make up power tight with mod. API- thread compound, free pin and coupling threads greased with RUST VETO AS. Pipe ends with open-end steel-reinforced plastic thread protectors. External pipe surface with temporary rust protection. Material delivered loose. Certificate ident no. = 80144RP10 Technical terms of delivery acc. to API 5CT 07/2005 PSL 1 & P.O.		Aug. - Sep. 2010	whole

Remarks/Bemerkungen :
**THE ISSUING OF THIS RELEASE NOTE IN NO WAY RELIEVES THE VENDOR OF HIS
RESPONSIBILITY TO SATISFY THE ORDER REQUIREMENTS.**
M.Franke

Inspector's Printed Name

Tuboscope Vetco
(Deutschland) GmbH
Maschweg 5
Inspector's Signature

RELEASE NOTE FOR SHIPMENT

Mitteilung über abgenommenes Material

Customer P.O.: TNET0000016 to VM / Oil & Gas
Manufacturer Order No.: 869/0650/01
Vetco Project: VS - 0219-10

 Date/Datum September 14th, 2010
Customer TULLOW NETHERLANDS BV

Kunde

Address 3.FL., BUILDING 11, CHISWICK PARK 566 CHISWICK HIGH ROAD GB-W45YS LONDON

Anschrift

Vendor/Subvendor VM Oil & Gas UK LTD (18/R001822)

Location

Westhill / Aberdeen

Lieferer/Zulieferer

Ort

Manufacturer V & M Tubes

Location

Düsseldorf / Germany

Hersteller

Ort

 I, the undersigned,/Ich, der Unterzeichnende, D.Lindner

advise you that the material has been accepted/erkläre hiermit, daß das Material abgenommen wurde.

 This is the
 Dieses ist der

☐ whole
 Gesamt-

☒ part
 Teil-

☐ balance of the order
 Rest-Auftrag

Item No. Pos. Nr.	Quantity Anzahl	Material Material	Description Beschreibung	Date of Inspection Datum der Inspection	Item Status Stand
Item 01	136 pcs 1947,75 m 419.345 kg	CSG HFI welded 20.00" o. d. x 147,00 lbs/ft ends with BIG-OMEGA-Coupling connection. Material grade K 55. Length of range 3. Couplings make up power tight with mod. API- thread compound, free pin and coupling threads greased with RUST VETO AS. Pipe ends with open-end steel-reinforced plastic thread protectors. External pipe surface with temporary rust protection. Material delivered loose. Certificate ident no. = 80144RP10 Technical terms of delivery acc. to API 5CT 07/2005 PSL 1 & P.O.		Aug. - Sep. 2010	whole

Remarks/Bemerkungen :
THE ISSUING OF THIS RELEASE NOTE IN NO WAY RELIEVES THE VENDOR OF HIS RESPONSIBILITY TO SATISFY THE ORDER REQUIREMENTS.
D.Lindner

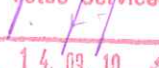
Inspector's Printed Name

 Tuboscope Vetco
 (Deutschland) GmbH
 Postfach 3111
 D-29231 Celle

Inspector's Signature

V&M DEUTSCHLAND GmbH Werk Rath-Pilger Rather Kreuzweg 106 40472 Düsseldorf	(A01)	 VALLOUREC & MANNESMANN TUBES Vallourec Group	INSPECTION CERTIFICATE ABNAHMEPRUEFZEUGNIS 3.2 EN 10204:2004	(A02)
			No. / Nr. : 80144RP10 Page/Seite: 1 / 5 Date/Datum: 09.09.2010	(A03)

ORIGINAL

(A01) V&M DEUTSCHLAND GmbH	(A08.1) V&M-Order-No. / V&M-Auftrags-Nr./ 86906503 (A08.2) Suborder / Unterauftrag
(A06.1) Customer / Kunde TULLOW NETHERLANDS BV 3.FL.,BUILDING 11,CHISWICK PARK 566 CHISWICK HIGH ROAD GB-W45YS LONDON	
(A06.2) Orderer / Besteller VALLOUREC MANNESMANN / OIL & GAS UK LTD	(A07.2) Order-No. / Bestell-Nr. 18/R001822 Date / Datum 16.04.2010
(A06.3) Client's Client / Unterbesteller VALLOUREC MANNESMANN OIL & GAS	(A07.3) Order-No. / Bestell-Nr. TNET0000016
(B01, B02, B04) Description of the product Erzeugnisbeschreibung	CASING HIGH FREQUENCY LONGITUDINALLY INDUCTION WELDED ENDS WITH BIG-OMEGA CONNECTION COUPLING MAKE-UP POWER TIGHT WITH MOD. API THREAD COMPOUND, EXPOSED THREADS GREASED WITH RUST VETO AS, WITH OPEN-END DRIFTABLE STEEL-REINFORCED PLASTIC THREAD PROTECTORS INSIDE WITHOUT RUST PROTECTION OUTSIDE WITH RUST-PREVENTING AGENT CUSTOMER'S ITEM 1 FUTTERROHRE HOCHFREQUENZ-INDUKTIV-LAENGSSNAHTGESCHWEISST ENDEN MIT BIG-OMEGA-VERBINDUNG DIE KRAFTVERSCHRAUBTE MUFFENSEITE MIT MOD. API-FETT EINGE- FETTET, DIE FREIEN ZAPFEN- UND MUFFENGWINDE MIT RUST VETO AS EINGEFETTET, MIT OFFENEM DRIFTBAREM STAHLVERSTAERKTEN KUNSTSTOFFGEWINDESCHUTZ INNEN OHNE ROSTSCHUTZ AUSSEN MIT ROSTSCHUTZ KD.-POS. 1 API SPEC. 5 CT, 07.2005 / ISO 11960:2004, PSL 1 K 55 THE TEST RESULTS MARKED BY 1), HAVE BEEN USED FOR COUPLINGS. DIE MIT 1) GEKENNZEICHNETEN PROBENERGEBNISSE SIND FUER MUFFEN BESTIMMT ***** QUALITY PLAN NO. CASING CAPQ018.10 AND COUPLING COPQ018.10 REV. 0, DATED 21.05.2010 PILGER MILL OF PLANT RATH DUESSELDORF / GERMANY ***** STEEL MILL LOCATION: STAHLWERK BOUS GMBH ***** Certificate reviewed by Dieter Lindner of Vetco Services Sig.:  Date: 14.09.10 

V&M DEUTSCHLAND GmbH (A01) Werk Rath-Pilger Rath Kreuzweg 106 40472 Düsseldorf	 VALLOUREC & MANNESMANN TUBES Vallourec Group	INSPECTION CERTIFICATE (A02) ABNAHMEPRUEFZEUGNIS 3.2 EN 10204:2004 No. / Nr. : 80144RP10 (A03) Page/Seite: 3 / 5 Date/Datum: 09.09.2010
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(C72)

PRODUCT CHEMICAL ANALYSIS / PRODUKT CHEMISCHE ANALYSE
ORIGINAL

(B07.1) Heat Schmelze	(C00.1) Test Piece Prüfstück	C %	Si %	Mn %	P %	S %					
min		-	-	-	-	-					
max		-	-	-	0.030	0.0300					
192212	1A	0.321	0.316	1.35	0.008	0.0015					
192212	2B	0.323	0.317	1.36	0.008	0.0013					
192212	7853	0.318	0.320	1.31	0.008	0.0020					
192212	7855	0.341	0.320	1.30	0.009	0.0027					
192578	7852	0.307	0.354	1.33	0.009	0.0016					
192578	7852	0.312	0.357	1.33	0.009	0.0017					
193313	7856	0.323	0.286	1.35	0.009	0.0042					
193313	7856	0.313	0.288	1.36	0.009	0.0049					

TENSILE TEST RESULTS / ERGEBNISSE DES ZUGVERSUCHS

Type / Form (C10.1)	ROUND TEST SPECIMEN / RUNDPROBE
Test temperature / Prüftemperatur (C03)	ROOM TEMPERATURE / RAUMTEMPERATUR
Direction / Richtung (C02)	longitudinal / längs
Location / Lage (C01.1)	MIDDLE CONCERNING WALL / MITTE BEZOGEN AUF DIE ROHRWAND

(B07.1) Heat Schmelze	(C00.1) Test Piece Prüfstück	(C10) Diameter Durchmesser	(C11) YS Streckgr.	(C12) TS Zugfest.	(C13) Elong. Dehnung	(C14.1) Ratio Verhältn.					
		mm	R _{0.5} MPa	R _m MPa	2" %	R/R _m -					
min		-	379	655	19.5	-					
max		-	552	-	-	-					
192212	1A 1)	12.66	445	698	27.0	0.64					
192212	7853 1)	12.71	434	681	30.0	0.64					
192578	7852 1)	12.72	436	691	27.5	0.63					
193313	7856 1)	12.73	447	693	28.5	0.65					

DRIFTED TO 18,395" (API-DRIFT)

MIT GARANTIERTEM DORNDURCHGANG 18,395" (API DRIFT)

IMPACT TEST RESULTS / ERGEBNISSE DES KERBSCHLAGBIEGEVERSUCHS

Type / Form (C40)	Charpy-V / Charpy-V
Test temperature / Prüftemperatur (C03)	+ 21 DEGREES C
Direction / Richtung (C02)	transverse / quer



V&M DEUTSCHLAND GmbH (A01) Werk Rath-Pilger Rather Kreuzweg 106 40472 Düsseldorf	 VALLOUREC & MANNESMANN TUBES Vallourec Group	INSPECTION CERTIFICATE (A02) ABNAHMEPRUEFZEUGNIS 3.2 EN 10204:2004 No. / Nr. : 80144RP10 (A03) Page/Seite: 5 / 5 Date/Datum: 09.09.2010
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ORIGINAL

(A04, B06)

MARKING, IDENTIFICATION / KENNZEICHNUNG, IDENTIFIZIEREN

1 	PAINT STENCILED ON ONE SIDE API-MONOGRAM MANUFACTURER'S MARK MANUFACTURER'S NAME ISO 11960 5CT-0401 QUARTER/YEAR 20 147 K Z PROCESS OF MANUFACTURE E TEST PRESSURE PSI TYPE OF THREAD BIG OMEGA API DRIFT D 86906503 ITEM-NO 1 TUBE/PIPE LENGTH M TUBE/PIPE WEIGHT KG PIPE NO. (TALLY-NR.) WA TULLOW NL TULLOW PO: TNET0000016 TULLOW ITEM:1 VMOG UK PO: 18/R001822 COLOUR RING ONE SIDE GREEN (RAL 6018) + GREEN (RAL 6018) RED BLUE COUPLING PAINT STENCILED MANUFACTURER'S MARK QUARTER/YEAR SF TYPE OF THREAD BIG OMEGA K Z MP HEAT-NO. COLOUR BAND COUPLING WITHOUT COLOUR COLOUR PAINTING COUPLING GREEN (RAL 6018)
1 	EINSEITIG SCHABLONIERT API-MONOGRAMM HERSTELLERZEICHEN HERSTELLERNAME ISO 11960 5CT-0401 QUARTAL/JAHR 20 147 K Z HERSTELLVERFAHREN E KWP API IN PSI GEWINDEART BIG OMEGA API DRIFT D 86906503 POSITIONS-NR. 1 ROHREINZELLAENGE M ROHREINZELGEWICHT KG LFD. ROHR-NR. WA TULLOW NL TULLOW PO: TNET0000016 TULLOW ITEM:1 VMOG UK PO: 18/R001822 FARBRING EINSEITIG GRUEN (RAL 6018) + GRUEN (RAL 6018) ROT BLAU MUFFE SCHABLONIERT HERSTELLERZEICHEN QUARTAL/JAHR SF GEWINDEART BIG OMEGA K Z MP SCHMELZEN-NR. FARBRING MUFFE/VERBINDER OHNE FARBE FARBANSTRICH MUFFE GRUEN (RAL 6018)

(Z01)

The supplied products are in compliance with the requirements of the order
Die gelieferten Erzeugnisse stimmen mit den Anforderungen des Auftrages überein

(A05, Z02, Z03, Z04)

Date / Datum	09.09.2010	
Validated by Bestätigt durch	Inspection Representative Abnahmebeauftragter	Third Party Representative Beauftragter Fremdadnehmer
	GERMES 	
	+49(0)2119603545	
	+49(0)2119602213	
@	CERTIFICATES-RA- PILGER@VMTUBES.DE	
Stamp / Stempel		

Indication in parentheses correspond to attributes according to EN 10168

Die Bezeichnungen in Klammern entsprechen den Kennnummern gemäss EN 10168

This testimonial and certification respectively may neither be modified nor used for other products. Offences are regarded as falsification of documents and will be subject to criminal prosecution.

Dieses Zeugnis bzw. diese Bescheinigung darf weder verändert noch für andere Erzeugnisse verwendet werden. Zuwiderhandlungen werden als Urkundenfälschung und Betrug strafrechtlich verfolgt.



ORIGINAL

Inspection certificate 3.2 EN 10204:2004-10 (A02)		No. (A03) 14278 Page 1/8 Date 20.08.2010
No. (A07) 869/0650 3 - 592 4457 4 21.04.2010 Purchaser (A06) V & M Deutschland GmbH Oil & Gas Division Theodorstr. 90 40472 Düsseldorf		
Product (B01)	casings, HFW-HFI-longitudinally welded	Works order No. (A08) 1000008500 Inspection (A05) Tuboscope
Steel grade and terms of delivery (B02-B03)	K55 API5CT 8TH PSL1	
Dispatch note No.	0080044608 17.08.2010 0080044611 17.08.2010 0080044614 18.08.2010 0080044609 17.08.2010 0080044612 17.08.2010 0080044615 18.08.2010 0080044610 17.08.2010 0080044613 18.08.2010	
Inside conditions (B06) black		
Outside conditions (B06) black		
ends (B06) plain, outer edge broken, 45°, approx. 3 mm, inner edge broken, 45°, approx. 2 mm, pipe end protection: without plastic caps		
Marking of the product (B06) Paint marking inside at one end: MW-HA Monogram 900010965 592/4457-4 Pos. 1 508,0 x 18,00 mm K55 Heat-No. Inspection-No. Pipe-Length: ..., m		

Material data (B01-B99)							
Item	Heat No. (B07)	Quantity (B08)	Cond. of delivery (B04)	D x T x Length (B09-B11) in x in x ft			Weight (B12) lbs
001	630405	33	U	20,000 x	0,709 x	47,230	1.548,640
001	630406	64	U	20,000 x	0,709 x	47,230	3.003,540
001	731154	42	U	20,000 x	0,709 x	47,230	1.968,130
Σ		139	U: as rolled				6.520,310
The mentioned length and weight refers to the product in delivery condition							

We hereby certify that the delivered material complies with the terms of the order.
(Z01)

Salzgitter Mannesmann Line Pipe GmbH
Kissinger Weg
D-59067 Hamm
(A01)

ORIGINAL
Inspection certificate 3.2
EN 10204:2004-10

(A02)

No. (A03) **14278**

Page **3/8**

Date **20.08.2010**

No. (A07) **869/0650 3 - 592 4457 4 21.04.2010**

Purchaser **V & M Deutschland GmbH**

(A06) **Oil & Gas Division**
Theodorstr. 90
40472 Düsseldorf

Product **casings, HFW-HFI-longitudinally welded**

(B01)

Works order No. **1000008500**

(A03)

Inspection **Tuboscope**

(A05)

Steel grade and terms of delivery **K55**

(B02-B03) **API5CT 8TH PSL1**
Check analysis (C70-C99)

Specimen No. (C00)	Heat No. (B07)	C %	Si %	Mn %	P % ≤0,030	S % ≤0,030	Al %	Cu %	Cr %
GTO514009	731154	0,38	0,43	1,55	0,010	0,003	0,061	0,06	0,12
GTO514009	731154	0,37	0,43	1,54	0,010	0,003	0,062	0,06	0,12
Specimen No. (C00)	Heat No. (B07)	Ni %	Mo %	V %	Ti %	Nb %	N %	B %	Ca %
GTO514009	731154	0,08	0,02	0,001	0,002	0,001	0,002	0,0001	0,001
GTO514009	731154	0,08	0,02	0,001	0,002	0,001	0,002	0,0001	0,001

*) The sample product is not part of the delivery

Tensile test (C10-C29)

acc. API

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type	Yield strength Rt0,5 ksi 55-80	Tensile strength Rm ksi ≥95	Elongation (C13) 2 in % ≥20,0	Width of specimen in	Height of specimen in
GTO504004 *)	630405	GW90	L	U	L	65	101	31,0	1,579	0,693
GTO510003	630406	GW90	L	U	L	68	104	31,8	1,581	0,697
GTO514009	731154	GW90	L	U	L	63	103	31,2	1,583	0,697

1) GW90: Base material 90 degree

2) L: longitudinal

*) The sample product is not part of the delivery

3) U: as rolled

4) L: Lot testing

We hereby certify that the delivered material complies with the terms of the order.

(Z01)


Ha Trademark
(A04)

Salzgitter Mannesmann Line Pipe GmbH
Kissinger Weg
D-59067 Hamm
(A01)

ORIGINAL
Inspection certificate 3.2
EN 10204:2004-10

(A02)

No. (A03) **14278**

Page **5/8**

Date **20.08.2010**

No. (A07) **869/0650 3 - 592 4457 4 21.04.2010**

Purchaser **V & M Deutschland GmbH**

(A06) **Oil & Gas Division**
Theodorstr. 90
40472 Düsseldorf

Product **casings, HFW-HFI-longitudinally welded**

(B01)

Works order No. **1000008500**

(A08)

Inspection **Tuboscope**

(A05)

Steel grade and terms of delivery **K55**

(B02-B03)

API5CT 8TH PSL1
Pipe list (B01-B99)

Item	Inspection no. (B07)	Pipe-no. (B07)	Product No. (B07)	Heat No. (B07)	Cond. of delivery (B04)	Length (B09-B11) ft	Weight (B12) lbs
001	38	GTO510005	2000283678	630406	U	47,180	6.898
001	39	GTO510006	2000283679	630406	U	47,180	6.898
001	40	GTO510007	2000283680	630406	U	47,180	6.898
001	41	GTO510008	2000283681	630406	U	47,180	6.898
001	42	GTO510009	2000283682	630406	U	45,800	6.698
001	43	GTO511002	2000283684	630406	U	46,920	6.861
001	44	GTO507006	2000283647	630406	U	46,980	6.870
001	45	GTO507007	2000283648	630406	U	47,180	6.898
001	46	GTO507008	2000283649	630406	U	47,180	6.898
001	47	GTO507009	2000283650	630406	U	46,980	6.870
001	48	GTO508004	2000283657	630406	U	47,180	6.898
001	49	GTO508005	2000283658	630406	U	46,980	6.870
001	50	GTO511003	2000283685	630406	U	47,180	6.898
001	51	GTO511004	2000283686	630406	U	47,180	6.898
001	52	GTO511005	2000283687	630406	U	46,980	6.870
001	53	GTO511006	2000283688	630406	U	47,180	6.898
001	54	GTO505004	2000283625	630405	U	47,180	6.898
001	55	GTO511009	2000283691	630406	U	47,180	6.898
001	56	GTO508006	2000283659	630406	U	47,180	6.898
001	57	GTO510002	2000283675	630406	U	47,180	6.898
001	58	GTO508007	2000283660	630406	U	47,180	6.898
001	59	GTO512003	2000283695	630406	U	47,180	6.898
001	60	GTO512004	2000283696	630406	U	47,180	6.898
001	61	GTO512005	2000283697	630406	U	47,180	6.898
001	62	GTO512006	2000283698	630406	U	47,180	6.898
001	63	GTO512007	2000283699	630406	U	47,180	6.898
001	64	GTO512008	2000283700	630406	U	47,180	6.898
001	65	GTO512009	2000283701	630406	U	47,180	6.898
001	66	GTO513006	2000283708	630406	U	47,180	6.898
001	67	GTO513007	2000283709	630406	U	47,180	6.898
001	68	GTO513008	2000283710	630406	U	47,180	6.898
001	69	GTO513009	2000283711	630406	U	47,180	6.898
001	70	GTO513010	2000283712	630406	U	42,420	6.204
001	71	GTO513011	2000283713	630406	U	42,130	6.160
001	72	GTO514002	2000283715	731154	U	46,690	6.828
001	73	GTO508002	2000283655	630406	U	46,690	6.828
001	74	GTO514003	2000283716	731154	U	46,950	6.865
		U: as rolled					

We hereby certify that the delivered material complies with the terms of the order.

(Z01)


Ha Trademark
(A04)

Salzgitter Mannesmann Line Pipe GmbH

Kissinger Weg

D-59067 Hamm

(A01)

ORIGINAL

Inspection certificate 3.2		No. (A03)	14278
EN 10204:2004-10		Page	7/8
(A02)		Date	20.08.2010
No. (A07) 869/0650 3 - 592 4457 4 21.04.2010			
Purchaser V & M Deutschland GmbH			
(A06) Oil & Gas Division			
Theodorstr. 90			
40472 Düsseldorf			
Product casings, HFW-HFI-longitudinally welded		Works order No. 1000008500	
(B01)		(A08)	
Steel grade and terms of delivery K55		Inspection Tuboscope	
(B02-B03) API5CT 8TH PSL1		(A05)	

Pipe list (B01-B39)							
Item	Inspection no. (B07)	Pipe-no. (B07)	Product No. (B07)	Heat No. (B07)	Cond. of delivery (B04)	Length (B09-B11) ft	Weight (B12) lbs
001	112	GTO516009	2000283739	731154	U	47,180	6.898
001	113	GTO516010	2000283740	731154	U	47,010	6.874
001	114	GTO516005	2000283735	731154	U	46,920	6.861
001	115	GTO517003	2000283743	731154	U	47,180	6.898
001	116	GTO517004	2000283744	731154	U	47,180	6.898
001	117	GTO517005	2000283745	731154	U	47,180	6.898
001	118	GTO517006	2000283746	731154	U	46,980	6.870
001	119	GTO517007	2000283747	731154	U	47,180	6.898
001	120	GTO517008	2000283748	731154	U	47,180	6.898
001	121	GTO517009	2000283749	731154	U	47,180	6.898
001	122	GTO517010	2000283750	731154	U	46,780	6.841
001	123	GTO518004	2000283754	731154	U	47,180	6.898
001	124	GTO518005	2000283755	731154	U	47,180	6.898
001	125	GTO518006	2000283756	731154	U	47,010	6.874
001	126	GTO518008	2000283758	731154	U	47,180	6.898
001	127	GTO515002	2000283726	731154	U	46,950	6.865
001	128	GTO518002	2000283752	731154	U	46,720	6.832
001	129	GTO518003	2000283753	731154	U	47,180	6.898
001	130	GTO520006	2000283776	731154	U	46,980	6.870
001	131	GTO520007	2000283777	731154	U	47,180	6.898
001	132	GTO520008	2000283778	731154	U	47,180	6.898
001	133	GTO520009	2000283779	731154	U	47,180	6.898
001	134	GTO521004	2000283785	630406	U	46,980	6.870
001	135	GTO521005	2000283786	630406	U	47,180	6.898
001	136	GTO521006	2000283787	630406	U	47,180	6.898
001	137	GTO521007	2000283788	630406	U	46,980	6.870
001	138	GTO520005	2000283775	731154	U	46,750	6.837
001	139	GTO518009	2000283759	731154	U	47,180	6.898
Quantity (B08)	139	U: as rolled				6.520,310	953.372

Visual and dimensional inspection: Satisfactory

Heat treatment: Weld zone inductive normalized
(Temperature minimum 1470°F/798°C)

Flattening test: Satisfactory

We hereby certify that the delivered material complies with the terms of the order.
(Z01)

Salzgitter Mannesmann Line Pipe GmbH
Kissinger Weg
D-59067 Hamm
(A01)


Auftrag: 869 0650 Pos: 1 Order Qty. Dimension: 508,00 X 18,01
 Order-No. Item 1900 m Material : K 55

TallyNr SeqPipe	RohrNr IPPNo	Schmelze Heat	Laenge m	Length ft	Gewicht kg	Weight lbs
1		630406	11,480	37,664	2485	5479
2		630406	14,520	47,638	3130	6901
3		731154	14,460	47,441	3120	6878
4		630406	14,530	47,671	3125	6889
5		731154	13,140	43,110	2870	6327
6		630406	14,390	47,211	3105	6845
7		630406	14,530	47,671	3135	6912
8		731154	14,540	47,703	3140	6923
9		731154	14,520	47,638	3130	6901
10		630406	14,470	47,474	3130	6901
11		630406	14,540	47,703	3130	6901
12		731154	14,000	45,932	3045	6713
13		630406	14,530	47,671	3095	6823
14		731154	14,520	47,638	3165	6978
15		731154	14,480	47,507	3135	6912
16		630406	14,530	47,671	3135	6912
17		630406	12,980	42,585	2780	6129
18		630406	11,330	37,172	2470	5445
19		630406	13,020	42,717	2815	6206
20		630405	14,370	47,146	3095	6823
21		731154	14,520	47,638	3145	6934
22		630406	14,460	47,441	3105	6845
23		630405	14,530	47,671	3125	6889
24		630406	14,350	47,080	3105	6845
25		630405	14,350	47,080	3090	6812
26		731154	14,530	47,671	3140	6923
27		731154	14,460	47,441	3120	6878
28		630406	14,530	47,671	3125	6889
29		630405	14,540	47,703	3135	6912
30		630406	14,360	47,113	3105	6845
31		630405	14,530	47,671	3100	6834
32		630405	14,530	47,671	3130	6901
33		630406	14,530	47,671	3135	6912
34		630406	14,520	47,638	3110	6856
35		630405	14,460	47,441	3120	6878
36		630406	14,520	47,638	3140	6923
37		731154	14,380	47,178	3050	6724
38		731154	14,360	47,113	3105	6845
39		630406	14,380	47,178	3090	6812
40		731154	14,220	46,654	3010	6636
41		630406	14,460	47,441	3125	6889
42		630405	14,470	47,474	3120	6878
43		630406	14,450	47,408	3125	6889
44		630405	14,540	47,703	3135	6912
45		630405	14,530	47,671	3120	6878
46		630406	14,450	47,408	3120	6878
47		630406	14,540	47,703	3125	6889
48		630405	14,540	47,703	3090	6812
49		630405	14,540	47,703	3110	6856
50		630406	14,090	46,227	3015	6647
50			712,550	2337,762	153505	338422

ORIGINAL

Auftrag: 869 0650 Pos: 1 Order Qty. Dimension: 508,00 X 18,01
 Order-No. Item 1900 m Material : K 55

TallyNr SeqPipe	RohrNr IPPNo	Schmelze Heat	Laenge m	Length ft	Gewicht kg	Weight lbs
51		630405	14,520	47,638	3135	6912
52		630406	11,490	37,697	2480	5467
53		630405	13,170	43,209	2800	6173
54		630406	14,370	47,146	3100	6834
55		630405	14,520	47,638	3130	6901
56		731154	14,530	47,671	3140	6923
57		630405	14,480	47,507	3120	6878
58		630406	14,540	47,703	3135	6912
59		630405	14,480	47,507	3090	6812
60		630406	14,540	47,703	3140	6923
61		630405	14,530	47,671	3135	6912
62		630405	14,530	47,671	3135	6912
63		630406	14,530	47,671	3140	6923
64		630405	14,370	47,146	3085	6801
65		630406	14,440	47,375	3115	6867
66		731154	14,410	47,277	3100	6834
67		731154	14,520	47,638	3145	6934
68		630406	13,770	45,177	2965	6537
69		630405	14,530	47,671	3115	6867
70		630406	14,530	47,671	3135	6912
71		630406	14,530	47,671	3110	6856
72		630406	14,470	47,474	3100	6834
73		630405	14,530	47,671	3130	6901
74		630406	14,480	47,507	3125	6889
75		630405	14,400	47,244	3060	6746
76		630405	14,460	47,441	3115	6867
77		630405	14,530	47,671	3125	6889
78		630405	14,570	47,802	3125	6889
79		731154	14,540	47,703	3100	6834
80		630406	14,520	47,638	3140	6923
81		630405	14,530	47,671	3105	6845
82		630406	14,520	47,638	3135	6912
83		731154	14,520	47,638	3140	6923
84		731154	14,530	47,671	3130	6901
85		630406	14,520	47,638	3135	6912
86		630406	14,410	47,277	3095	6823
87		630406	14,530	47,671	3130	6901
88		731154	14,440	47,375	3120	6878
89		731154	14,620	47,966	3135	6912
90		630406	14,480	47,507	3130	6901
91		731154	14,520	47,638	3075	6779
92		630406	14,520	47,638	3135	6912
93		630406	14,520	47,638	3130	6901
94		630406	10,810	35,466	2350	5181
95		731154	14,520	47,638	3120	6878
96		630406	14,520	47,638	3120	6878
97		731154	14,540	47,703	3140	6923
98		731154	14,530	47,671	3155	6956
99		731154	14,480	47,507	3125	6889
100		731154	14,450	47,408	3110	6856
100			1428,890	4687,959	307690	678343

ORIGINAL



Auftrag: 869 0650 Pos: 1 Order Qty. Dimension: 508,00 X 18,01
 Order-No. Item 1900 m Material : K 55

TallyNr SeqPipe	RohrNr IPPNo	Schmelze Heat	Laenge m	Length ft	Gewicht kg	Weight lbs
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101	630406	14,460	47,441	3120	6878
102	630406	14,530	47,671	3135	6912
103	630406	14,370	47,146	3100	6834
104	731154	14,370	47,146	3110	6856
105	630406	14,540	47,703	3120	6878
106	630406	14,540	47,703	3105	6845
107	630406	14,520	47,638	3130	6901
108	630406	14,370	47,146	3070	6768
109	731154	14,470	47,474	3120	6878
110	630406	14,520	47,638	3135	6912
111	731154	14,240	46,719	3005	6625
112	630406	14,540	47,703	3110	6856
113	731154	14,420	47,310	3140	6923
114	630406	14,480	47,507	3085	6801
115	731154	14,470	47,474	3055	6735
116	731154	14,460	47,441	3135	6912
117	630406	14,480	47,507	3090	6812
118	630406	13,070	42,881	2800	6173
119	731154	14,520	47,638	3160	6967
120	630406	14,520	47,638	3135	6912
121	731154	14,540	47,703	3150	6945
122	630406	14,480	47,507	3075	6779
123	731154	14,540	47,703	3150	6945
124	630406	14,460	47,441	3120	6878
125	731154	13,500	44,291	2935	6471
126	630406	14,540	47,703	3140	6923
127	630405	14,530	47,671	3135	6912
128	630405	14,350	47,080	3095	6823
129	731154	14,450	47,408	3135	6912
130	630406	14,530	47,671	3135	6912
131	630405	14,460	47,441	3120	6878
132	630406	14,540	47,703	3135	6912
133	630406	14,540	47,703	3140	6923
134	630406	14,520	47,638	3130	6901
135	630406	14,530	47,671	3120	6878
136	630405	14,460	47,441	3080	6790

ORIGINAL

136 1947,750 6390,256 419345 924502

Datum / Date 09.09.10

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V & M DEUTSCHLAND

DUESSELDORF - RATH

ROHRLISTE
TALLY-LIST

V&M-Auftrags-Nr: 869 0650 (3) Pos: 1 Lieferwerk : Rath
V&M-Order-no Item Supply-plant

Besteller: VMOG/ABERDEEN Nr 18/R001822
Customer No

Verwender: TULLOW/LONDON Nr TNET0000016
User No

Bestimmungsland: NIEDERLANDE
Destination

ORIGINAL

Abmessung/Dimension

508,00 x 18,01 mm
"20 x 0,70 inches

Gesamt Anzahl Rohre	Laenge	Length	Gewicht	Weight
Total No of pieces	m	ft	kg	lbs
136	1947,750	6390,256	419345	924502

Tuboscope Vetco
(Deutschland) GmbH
Postfach 3111
D-29231 Celle



Auftrag : 869 0650 Pos 001
Order-No Item

Anzahl Schmelzen : 3
No of Heat

Schmelze Heat	Anzahl Number	Laenge Length (m)	Gewicht Weight (kg)
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630406	67	952,610	205135
731154	38	547,260	118005
630405	31	447,880	96205

ORIGINAL

