



PT. Seamless Pipe Indonesia Jaya
Jl. Antartika Kav. F4
Kawasan Industri Estate Cilegon
Banten, INDONESIA
Tel. : (+62) 254 - 267500
Fax: (+62) 254 - 267590

Work Order N°: (Pipe): 005 - 08411	Work Order N°: (Coupling): 005 - 08412
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Surface Treatment (Coupling Agent)
Mn PHOSPHATE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

HARDENABILITY TEST	GRAIN SIZE	METALLURGIC	DRIFT INSPECTION	HYDROSTATIC TEST	THREADING	MAKE UP TORQUE	THREADS/TORQUE (COMPOUND)	THREAD PROTECTORS
> 50 % Martensite	N.A.	N.A.	Pipe: NOTCH 5% - EM & MPI Coupling: NOTCH 5% - UT, RSP RSP is of the same size as the product inspected	Diameter : 8.500 inch Length : 12 inch 7.200 (Psi) HOLDING TIME(S): 5 Second minimum	TSH W563 DPS	F1 - lbs Min: 32.000 Max: 36.000	DOPELESS	COMPOSITE CLOSE END LIFTABLE WITH A VENT HOLE (CRITICAL)

TENARIS QUALITY DEPARTMENT SIGNATURE

SEAMLES
A. SUHERMAN

This certificate is manually signed. On the original certificate the Trade-mark green colored "Tenaris" is stamped. In case the owner of the original certificate would release a copy of it, he must attest its conformity to the original one taken upon the responsibility for any unlawful or not allowed use. Any alteration and/or falsification will be subjected to the law.

Type of Document: Form ID# Code / rev: FOR05152/2 Effective Date: 10/09/2012

Rev. #02
Date : November 03, 2014

Certificate N°.:
2014-358

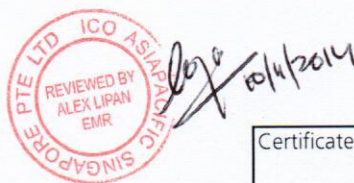
Page:
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Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412
Purchaser Order Item: TGSSA PO. 60203719 Item 4 / End User PO. 4500985355		Customer's Reference: N.A	
Product Type: CASING SEAMLESS			
Dimensions: 9 5/8 X 0.545 INCH	Nominal Weight: 53.5 LB/FT	Steel Grade: L80 Type 1	Product Specification Levels: PSL-1

HARDNESS TEST RESULT

HEAT NO.	HEAT ID	OUT				MID				IN				Delta HRC
		R1	R2	R3	Avg.	R1	R2	R3	Avg.	R1	R2	R3	Avg.	
33551	A	16.7	16.8	16.5	16.7	18.9	19.1	19.2	19.1	18.0	18.1	17.7	17.9	2.4
33551	A	18.4	19.2	19.1	18.9	20.1	21.0	20.8	20.6	18.4	18.4	18.8	18.5	2.1
33551	A	17.9	17.2	17.0	17.4	20.1	20.0	20.2	20.1	18.2	17.8	17.8	17.9	2.7
33551	A	17.3	17.3	17.6	17.4	19.4	19.6	19.5	19.5	18.6	18.8	18.5	18.6	2.1
33793	B	17.8	18.4	18.2	18.1	20.3	20.5	20.3	20.4	19.3	19.2	19.1	19.2	2.3
33793	B	18.3	17.8	17.6	17.9	20.5	20.3	20.5	20.4	18.4	17.3	16.8	17.5	2.9
33793	B	17.6	17.2	17.0	17.3	19.1	19.0	18.6	18.9	17.2	17.2	17.1	17.2	1.7
33793	B	17.9	17.7	17.8	17.8	18.8	19.0	19.0	18.9	18.0	17.5	17.6	17.7	1.2
33793	B	18.3	17.9	17.7	18.0	19.4	19.3	19.2	19.3	17.3	17.4	17.2	17.3	2.0
33796	C	17.2	16.9	17.4	17.2	19.6	19.8	19.7	19.7	17.0	16.9	16.9	16.9	2.8
33796	C	18.3	18.6	18.6	18.5	20.5	20.2	20.6	20.4	18.0	17.5	17.7	17.7	2.7
33796	C	18.2	18.3	17.8	18.1	20.2	20.4	20.5	20.4	18.6	18.2	18.3	18.4	2.3
33796	C	17.7	17.8	17.9	17.8	19.5	19.4	19.4	19.4	18.5	18.6	18.3	18.5	1.6
33796	C	16.7	17.1	17.2	17.0	19.1	18.6	18.8	18.8	17.2	17.2	17.3	17.2	1.8
33796	C	17.2	17.5	17.6	17.4	19.2	19.8	19.5	19.5	18.1	17.9	18.2	18.1	2.1
33804	D	17.2	17.1	17.1	17.1	18.4	18.2	18.5	18.4	15.4	15.5	15.7	15.5	2.9
33804	D	16.2	16.5	16.7	16.5	19.2	19.5	19.6	19.4	15.7	15.7	16.1	15.8	3.6
33804	D	16.8	16.6	16.6	16.7	18.6	18.6	18.8	18.7	17.3	17.5	16.9	17.2	2.0
33804	D	17.1	17.2	17.2	17.2	19.0	19.2	19.1	19.1	18.9	17.9	17.9	18.2	1.9
33997	E	16.4	16.8	16.4	16.5	18.4	18.9	18.7	18.7	16.5	16.9	16.5	16.6	2.2
33997	E	16.1	15.9	15.8	15.9	19.0	18.7	18.7	18.8	16.4	16.0	15.9	16.1	2.9
33997	E	16.0	15.9	15.8	15.9	17.8	18.0	17.8	17.9	16.5	15.9	16.4	16.3	2.0
33997	E	14.9	15.4	15.0	15.1	17.6	17.6	17.7	17.6	16.4	16.8	16.2	16.5	2.5
33997	E	16.1	16.1	16.2	16.1	17.8	17.9	17.7	17.8	16.7	16.9	16.7	16.8	1.7
33997	E	17.9	17.5	17.3	17.6	19.4	19.4	19.4	19.4	18.8	18.5	18.6	18.6	1.8
62512	F	16.3	16.9	16.9	16.7	18.8	19.2	19.3	19.1	16.5	16.7	16.6	16.6	2.5
62512	F	17.0	17.2	17.7	17.3	20.0	19.9	20.2	20.0	17.3	17.6	16.9	17.3	2.7
62829	G	16.7	16.7	16.6	16.7	19.4	19.3	19.3	19.3	17.6	17.3	17.0	17.3	2.6
62829	G	17.0	16.9	16.9	16.9	20.3	20.3	20.4	20.3	18.0	17.7	17.6	17.8	3.4
62829	G	18.5	18.2	18.5	18.4	20.7	20.6	20.8	20.7	20.0	19.7	19.8	19.8	2.3
62829	G	16.9	17.1	16.8	16.9	19.4	19.4	19.5	19.4	17.9	17.6	17.5	17.7	2.5
62829	G	18.4	18.6	18.9	18.6	20.4	19.9	20.1	20.1	19.5	19.5	18.7	19.2	1.5
62830	H	17.8	17.6	17.5	17.6	19.9	20.3	20.3	20.2	17.1	16.6	16.6	16.8	3.4
62830	H	16.8	17.1	17.3	17.1	19.9	19.8	19.6	19.8	16.1	16.8	16.8	16.6	3.2
62831	I	16.8	17.3	17.3	17.1	19.6	19.6	19.8	19.7	17.8	17.1	17.8	17.6	2.6
62831	I	17.3	17.7	17.6	17.5	19.3	19.4	19.5	19.4	17.0	16.9	16.5	16.8	2.6
62831	I	18.0	17.8	17.3	17.7	19.1	19.0	19.0	19.0	17.6	17.8	17.7	17.7	1.3
62831	I	18.0	17.9	18.7	18.2	19.9	20.2	20.0	20.0	18.9	18.6	18.5	18.7	1.8
62832	J	18.9	18.7	18.7	18.8	20.5	21.0	20.9	20.8	18.7	17.5	18.5	18.2	2.6
62832	J	17.0	16.9	17.2	17.0	20.0	20.1	19.9	20.0	16.7	17.1	16.9	16.9	3.1

PT. SEAMLESS PIPE INDONESIA JAYA
REVIEWED BY
ALEX LIPAN
EMR
10/11/2014



		Certificate N°.: 2014-358	Page: 2 / 2
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412
Purchaser Order Item: TGSSA PO. 60203719 / End User PO. 4500985355 Item 4		Customer's Reference: N.A	
Product Type: CASING SEAMLESS			
Dimensions: 9 5/8 X 0.545 INCH	Nominal Weight: 53.5 LB/FT	Steel Grade: L80 Type 1	Product Specification Levels: PSL-1

HARDNESS TEST RESULT

HEAT NO.	HEAT ID	OUT				MID				IN				Delta HRC
		R1	R2	R3	Avg.	R1	R2	R3	Avg.	R1	R2	R3	Avg.	
62832	J	16.7	16.9	16.9	16.8	20.0	19.7	19.8	19.8	17.8	17.5	17.5	17.6	3.0
62832	J	17.0	17.1	17.2	17.1	18.9	19.5	19.7	19.4	16.7	16.1	16.2	16.3	3.1
62834	K	17.6	17.8	17.3	17.6	19.6	19.5	19.4	19.5	17.7	18.1	17.8	17.9	1.9
62834	K	17.9	18.2	18.1	18.1	19.4	19.6	19.7	19.6	17.9	17.4	17.5	17.6	2.0
62834	K	17.0	17.2	17.0	17.1	18.7	18.9	19.1	18.9	18.3	17.7	18.0	18.0	1.8
62834	K	18.7	18.6	18.9	18.7	19.4	19.8	19.5	19.6	18.5	17.5	17.2	17.7	1.9
62835	L	18.5	18.3	17.8	18.2	20.3	20.1	20.1	20.2	17.7	17.8	17.9	17.8	2.4
62835	L	17.4	17.5	17.6	17.5	20.2	20.0	20.2	20.1	17.1	16.7	17.1	17.0	3.1
62835	L	17.6	17.3	17.7	17.5	20.1	20.6	20.2	20.3	18.4	19.0	18.6	18.7	2.8
62835	L	17.9	17.7	17.5	17.7	19.3	19.8	19.7	19.6	18.1	18.6	18.2	18.3	1.9
62835	L	17.7	18.3	18.1	18.0	20.1	20.1	20.0	20.1	18.1	17.7	18.5	18.1	2.1
62835	L	17.1	17.1	17.2	17.1	19.1	19.1	19.1	19.1	18.0	18.1	18.5	18.2	2.0
62836	M	17.4	17.5	17.8	17.6	19.6	19.8	19.3	19.6	17.7	17.5	17.8	17.7	2.0
62836	M	18.2	17.8	17.9	18.0	19.8	19.9	20.0	19.9	17.7	18.1	18.2	18.0	1.9
62838	N	17.8	17.9	17.7	17.8	19.6	19.6	19.5	19.6	17.0	17.2	16.8	17.0	2.6
62838	N	16.6	17.2	17.2	17.0	18.9	19.0	19.0	19.0	16.1	15.9	16.5	16.2	2.8
62838	N	17.4	17.4	17.3	17.4	18.9	18.9	19.1	19.0	17.0	17.2	17.3	17.2	1.8
62838	N	18.2	18.0	17.6	17.9	19.2	19.0	19.1	19.1	17.8	17.8	17.8	17.8	1.3
62838	N	16.1	16.4	16.6	16.4	18.1	18.5	18.2	18.3	17.4	17.2	17.5	17.4	1.9
62838	N	18.8	19.2	18.1	18.7	20.1	20.2	20.3	20.2	19.4	18.6	18.2	18.7	1.5
62838	N	17.7	17.7	17.3	17.6	19.2	19.4	19.2	19.3	18.1	16.7	16.9	17.2	2.1
62838	N	19.1	19.8	19.5	19.5	20.3	20.6	20.5	20.5	18.2	18.4	18.3	18.3	2.2
62873	O	17.7	18.0	18.3	18.0	19.1	19.5	19.6	19.4	17.3	17.2	17.5	17.3	2.1
62873	O	17.4	17.0	16.7	17.0	19.4	19.4	19.4	19.4	16.7	16.6	16.7	16.7	2.7
62873	O	16.6	17.0	17.3	17.0	19.3	19.2	19.5	19.3	18.1	17.8	18.0	18.0	2.3
62873	O	16.1	16.8	17.3	16.7	18.9	19.0	19.0	19.0	17.0	17.5	17.3	17.3	2.3
63080	P	16.3	16.0	16.2	16.2	18.4	18.4	18.5	18.4	17.5	17.5	16.8	17.3	2.2
63080	P	15.9	16.3	16.7	16.3	19.2	19.3	19.4	19.3	16.8	16.4	16.8	16.7	3.0
63081	Q	17.5	17.6	17.5	17.5	19.6	19.7	19.8	19.7	16.9	17.5	17.8	17.4	2.3
63081	Q	16.7	16.8	16.7	16.7	18.8	19.2	19.1	19.0	18.1	18.4	18.3	18.3	2.3
63081	Q	16.5	17.0	16.9	16.8	19.1	19.4	19.1	19.2	17.7	17.4	17.0	17.4	2.4
63081	Q	17.1	17.5	17.7	17.4	19.6	19.8	19.7	19.7	18.2	18.3	18.3	18.3	2.3
63081	Q	17.1	17.0	16.6	16.9	19.0	18.9	19.1	19.0	17.6	17.5	17.7	17.6	2.1
63081	Q	16.5	16.8	16.9	16.7	18.4	18.7	18.7	18.6	17.6	17.6	17.5	17.6	1.9
63081	Q	15.6	15.9	16.4	16.0	19.2	19.0	19.3	19.2	16.6	17.3	17.4	17.1	3.2
63081	Q	18.0	18.2	18.0	18.1	19.5	19.5	19.3	19.4	17.7	17.8	17.7	17.7	1.7
63081	Q	17.1	17.6	17.5	17.4	19.3	19.4	19.3	19.3	17.3	17.4	17.2	17.3	2.0
63082	R	17.4	17.4	17.3	17.4	19.6	19.7	19.8	19.7	18.6	18.7	18.5	18.6	2.3
63082	R	15.5	15.7	15.8	15.7	18.4	18.4	18.3	18.4	17.0	17.2	17.3	17.2	2.7
50711	C	18.4	18.9	19.2	18.8	19.9	19.9	19.7	19.8	20.0	20.1	20.6	20.2	1.4
50711	C	19.3	19.2	19.0	19.2	19.5	19.5	19.8	19.6	18.6	19.1	18.6	18.8	0.8
50711	C	19.3	19.1	19.0	19.1	20.5	20.4	20.2	20.4	21.0	20.1	19.8	20.3	1.3
50711	C	19.6	19.7	19.6	19.6	20.2	20.0	19.8	20.0	18.2	17.9	18.4	18.2	1.8
50711	C	18.2	18.9	19.0	18.7	20.1	20.2	19.7	20.0	18.6	19.0	18.4	18.7	1.3

CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY THAT ALL PROCESS RELATED TO THIS PURCHASE ORDER COMPLIES WITH THE REQUIREMENTS AND SPECIFICATIONS

CERTIFICATE NO. : 2014-358

DATE ISSUE : October 3, 2014

CUSTOMER : TGSSU FOR ESSO AUSTRALIA PTY LTD

PO. NO. : TGSSA PO. 60203719 Item 4 / End User PO. 4500985355

WORK ORDER NO. : 005 - 08411

DESCRIPTION : 9 5/8 X 0.545 INCH L80 53.5 LB/FT TSH W563-DPLS R-3

SPECIFICATION : API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2

QUANTITY : 926 Joints

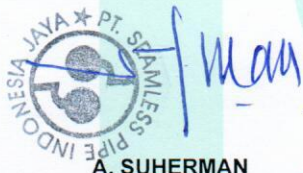
LENGTH : 10,803.75 M

WEIGHT : 849,019 KGS

TONNAGE : 849.019

REMARK : -

Rev. #02
Date : November 03, 2014

CUSTOMER . THIRD PARTY	TENARIS QUALITY DEPARTMENT SIGNATURE
	 A. SUHERMAN

PACKING LIST/TALLY SHEET

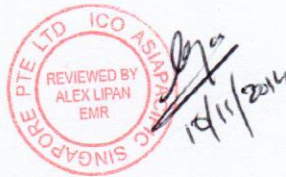


Rev. #02
Date : November 03, 2014

PAG. NRO.: 1
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
1	346	62512	F	50711	11.88	941	51	542	62831	I	50711	11.83	923
2	344	62512	F	50711	11.73	920	52	540	62831	I	50711	11.87	928
3	333	62512	F	50711	11.87	942	53	85	33793	B	50711	11.50	907
4	315	33997	E	50711	11.87	938	54	537	62831	I	50711	11.92	930
5	71	33793	B	50711	11.50	907	55	687	62838	N	50711	11.87	937
6	115	33796	C	50711	11.76	920	56	686	62838	N	50711	11.87	927
7	585	62835	L	50711	11.61	919	57	345	62512	F	50711	11.50	910
8	568	62835	L	50711	11.61	922	58	699	62838	N	50711	11.87	935
9	592	62835	L	50711	11.71	916	59	725	62873	O	50711	11.44	894
10	590	62835	L	50711	11.77	927	60	164	33796	C	50711	11.82	929
11	69	33793	B	50711	11.87	924	61	632	62835	L	50711	11.49	909
12	70	33793	B	50711	11.87	933	62	132	33796	C	50711	11.87	928
13	335	62512	F	50711	11.61	912	63	709	62838	N	50711	11.48	898
14	312	33997	E	50711	11.87	938	64	698	62838	N	50711	11.88	936
15	355	62512	F	50711	11.63	913	65	414	62830	H	50711	11.88	940
16	354	62512	F	50711	11.64	916	66	464	62830	H	50711	11.57	913
17	68	33793	B	50711	11.92	933	67	465	62830	H	50711	11.88	938
18	469	62830	H	50711	11.87	937	68	153	33796	C	50711	11.88	936
19	277	33997	E	50711	11.87	935	69	145	33796	C	50711	11.87	936
20	276	33997	E	50711	11.64	909	70	527	62831	I	50711	11.88	941
21	601	62835	L	50711	11.87	942	71	193	33804	D	50711	11.87	934
22	722	62873	O	50711	11.73	927	72	761	62873	O	50711	11.88	943
23	721	62873	O	50711	11.76	923	73	742	62873	O	50711	11.51	914
24	717	62873	O	50711	11.88	937	74	855	63081	Q	50711	11.88	932
25	444	62830	H	50711	11.92	942	75	870	63081	Q	50711	11.88	928
26	17	33551	A	50711	11.51	910	76	936	63082	R	50711	11.70	921
27	753	62873	O	50711	11.63	918	77	935	63082	R	50711	11.88	938
28	60	33793	B	50711	11.88	931	78	865	63081	Q	50711	11.83	927
29	457	62830	H	50711	11.88	938	79	934	63082	R	50711	11.88	936
30	456	62830	H	50711	11.87	930	80	905	63081	Q	50711	11.88	937
31	160	33796	C	50711	11.69	921	81	903	63081	Q	50711	11.88	934
32	446	62830	H	50711	11.82	934	82	423	62830	H	50711	11.74	918
33	445	62830	H	50711	11.64	912	83	422	62830	H	50711	11.87	932
34	454	62830	H	50711	11.74	914	84	421	62830	H	50711	11.87	931
35	442	62830	H	50711	11.87	935	85	405	62830	H	50711	11.87	930
36	72	33793	B	50711	11.87	937	86	107	33796	C	50711	11.87	940
37	359	62512	F	50711	11.83	936	87	410	62830	H	50711	11.74	917
38	450	62830	H	50711	11.70	915	88	403	62830	H	50711	11.87	936
39	449	62830	H	50711	11.83	924	89	404	62830	H	50711	11.87	935
40	448	62830	H	50711	11.87	939	90	400	62830	H	50711	11.88	941
41	447	62830	H	50711	11.50	899	91	399	62830	H	50711	11.74	917
42	339	62512	F	50711	11.87	941	92	351	62512	F	50711	11.86	929
43	338	62512	F	50711	11.87	936	93	408	62830	H	50711	11.87	940
44	337	62512	F	50711	11.28	883	94	342	62512	F	50711	11.70	919
45	340	62512	F	50711	11.58	909	95	473	62831	I	50711	11.48	897
46	321	33997	E	50711	11.64	919	96	481	62831	I	50711	11.04	875
47	361	62829	G	50711	11.42	895	97	6	33551	A	50711	11.78	923
48	350	62512	F	50711	11.87	933	98	16	33551	A	50711	11.55	904
49	349	62512	F	50711	11.57	908	99	126	33796	C	50711	11.35	898
50	223	33804	D	50711	11.64	912	100	627	62835	L	50711	11.04	867
SUBTOTAL					587.13	46,202	SUBTOTAL					587.23	46,188



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PACKING LIST/TALLY SHEET

PAG. NRO.: 2
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	Customer's Reference: N.A
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD	Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355	Item P.O.: Item 4	
Product: CASING SEAMLESS	Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2		
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
101	140	33796	C	50711	11.87	939	151	763	62873	O	50711	11.23	882
102	775	62873	O	50711	11.64	912	152	766	62873	O	50711	11.86	930
103	919	63082	R	50711	11.76	918	153	741	62873	O	50711	11.88	942
104	920	63082	R	50711	11.77	929	154	762	62873	O	50711	11.88	937
105	866	63081	Q	50711	11.78	923	155	765	62873	O	50711	11.88	937
106	411	62830	H	50711	11.57	917	156	758	62873	O	50711	11.81	925
107	426	62830	H	50711	11.79	931	157	748	62873	O	50711	11.87	939
108	904	63081	Q	50711	11.79	927	158	747	62873	O	50711	11.88	940
109	782	63080	P	50711	11.88	925	159	633	62835	L	50711	11.88	937
110	75	33793	B	50711	11.73	916	160	119	33796	C	50711	11.81	927
111	74	33793	B	50711	11.87	929	161	745	62873	O	50711	11.87	930
112	792	63080	P	50711	11.64	919	162	744	62873	O	50711	11.88	932
113	708	62838	N	50711	11.79	927	163	476	62831	I	50711	11.88	941
114	882	63081	Q	50711	11.59	911	164	475	62831	I	50711	11.88	938
115	794	63080	P	50711	11.48	897	165	468	62830	H	50711	11.88	934
116	715	62873	O	50711	11.87	930	166	875	63081	Q	50711	11.76	916
117	15	33551	A	50711	11.76	920	167	879	63081	Q	50711	11.16	870
118	401	62830	H	50711	11.70	916	168	523	62831	I	50711	11.87	934
119	407	62830	H	50711	11.88	931	169	522	62831	I	50711	11.87	940
120	406	62830	H	50711	11.79	921	170	521	62831	I	50711	11.84	925
121	452	62830	H	50711	11.86	935	171	467	62830	H	50711	11.80	920
122	749	62873	O	50711	11.64	914	172	529	62831	I	50711	11.87	938
123	114	33796	C	50711	11.35	890	173	325	33997	E	50711	11.04	876
124	121	33796	C	50711	11.75	918	174	526	62831	I	50711	11.81	924
125	113	33796	C	50711	11.86	936	175	530	62831	I	50711	11.88	933
126	606	62835	L	50711	11.27	886	176	539	62831	I	50711	11.87	929
127	599	62835	L	50711	11.77	933	177	252	33804	D	50711	11.39	899
128	88	33793	B	50711	11.88	940	178	39	33551	A	50711	11.87	939
129	90	33793	B	50711	11.88	932	179	629	62835	L	50711	11.87	935
130	91	33793	B	50711	11.87	925	180	34	33551	A	50711	11.71	917
131	746	62873	O	50711	11.80	919	181	180	33796	C	50711	11.64	911
132	589	62835	L	50711	11.40	903	182	631	62835	L	50711	11.87	940
133	600	62835	L	50711	11.76	932	183	635	62835	L	50711	11.79	925
134	598	62835	L	50711	11.58	906	184	420	62830	H	50711	11.64	908
135	607	62835	L	50711	11.64	921	185	419	62830	H	50711	11.87	939
136	597	62835	L	50711	11.78	924	186	418	62830	H	50711	11.71	915
137	42	33551	A	50711	11.64	912	187	463	62830	H	50711	11.85	924
138	144	33796	C	50711	11.72	924	188	46	33551	A	50711	11.87	938
139	44	33551	A	50711	11.78	931	189	43	33551	A	50711	11.10	877
140	428	62830	H	50711	11.80	930	190	534	62831	I	50711	11.44	903
141	429	62830	H	50711	11.75	918	191	512	62831	I	50711	11.61	909
142	343	62512	F	50711	11.78	931	192	416	62830	H	50711	11.55	912
143	47	33551	A	50711	11.41	902	193	513	62831	I	50711	11.88	930
144	760	62873	O	50711	11.88	939	194	157	33796	C	50711	11.80	929
145	533	62831	I	50711	11.82	932	195	24	33551	A	50711	11.80	930
146	451	62830	H	50711	11.78	917	196	163	33796	C	50711	11.57	902
147	123	33796	C	50711	11.84	926	197	409	62830	H	50711	11.47	896
148	751	62873	O	50711	11.88	941	198	54	33793	B	50711	11.72	916
149	750	62873	O	50711	11.88	930	199	18	33551	A	50711	11.31	886
150	769	62873	O	50711	11.88	941	200	66	33793	B	50711	11.21	873
SUBTOTAL					586.88	46,126	SUBTOTAL					585.68	46,029

PACKING LIST/TALLY SHEET



Rev. #02
Date : November 03, 2014

PAG. NRO.: 3
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
201	817	63080	P	50711	11.58	912	251	241	33804	D	50711	11.85	933
202	814	63080	P	50711	11.35	887	252	239	33804	D	50711	11.64	922
203	878	63081	Q	50711	11.53	905	253	415	62830	H	50711	11.61	908
204	862	63081	Q	50711	11.76	921	254	596	62835	L	50711	11.47	908
205	628	62835	L	50711	11.64	917	255	279	33997	E	50711	11.49	906
206	482	62831	I	50711	11.78	929	256	764	62873	O	50711	11.79	923
207	683	62838	N	50711	11.60	911	257	329	62512	F	50711	11.16	874
208	41	33551	A	50711	11.57	905	258	433	62830	H	50711	11.65	913
209	637	62835	L	50711	11.88	938	259	431	62830	H	50711	11.15	872
210	281	33997	E	50711	11.87	935	260	571	62835	L	50711	11.70	918
211	184	33796	C	50711	11.41	892	261	756	62873	O	50711	11.53	901
212	186	33796	C	50711	11.88	938	262	518	62831	I	50711	11.15	871
213	285	33997	E	50711	11.70	915	263	757	62873	O	50711	11.64	913
214	226	33804	D	50711	11.80	924	264	718	62873	O	50711	11.88	940
215	282	33997	E	50711	11.87	939	265	728	62873	O	50711	11.88	939
216	577	62835	L	50711	11.88	938	266	736	62873	O	50711	11.88	942
217	644	62836	M	50711	11.51	899	267	676	62838	N	50711	11.88	944
218	788	63080	P	50711	11.52	900	268	675	62838	N	50711	11.87	943
219	87	33793	B	50711	11.87	941	269	161	33796	C	50711	11.73	916
220	869	63081	Q	50711	11.77	916	270	64	33793	B	50711	11.87	937
221	474	62831	I	50711	11.23	879	271	62	33793	B	50711	11.88	938
222	645	62836	M	50711	11.72	915	272	109	33796	C	50711	11.80	922
223	857	63081	Q	50711	11.80	926	273	101	33796	C	50711	11.87	941
224	453	62830	H	50711	11.72	913	274	79	33793	B	50711	11.74	918
225	636	62835	L	50711	11.43	895	275	394	62830	H	50711	11.73	913
226	102	33796	C	50711	11.64	919	276	566	62835	L	50711	11.49	910
227	358	62512	F	50711	11.75	929	277	381	62829	G	50711	11.84	935
228	543	62831	I	50711	11.81	933	278	369	62829	G	50711	11.71	917
229	665	62838	N	50711	11.29	887	279	923	63082	R	50711	11.83	924
230	657	62838	N	50711	11.87	928	280	367	62829	G	50711	11.88	936
231	885	63081	Q	50711	11.87	933	281	370	62829	G	50711	11.78	929
232	767	62873	O	50711	11.87	937	282	398	62830	H	50711	11.92	932
233	768	62873	O	50711	11.76	922	283	397	62830	H	50711	11.88	939
234	515	62831	I	50711	11.87	931	284	784	63080	P	50711	11.35	890
235	96	33793	B	50711	11.04	873	285	658	62838	N	50711	11.88	940
236	491	62831	I	50711	11.79	931	286	740	62873	O	50711	11.78	927
237	488	62831	I	50711	11.87	929	287	752	62873	O	50711	11.78	930
238	487	62831	I	50711	11.88	938	288	225	33804	D	50711	11.34	884
239	287	33997	E	50711	11.49	900	289	273	33997	E	50711	11.43	894
240	286	33997	E	50711	11.87	937	290	492	62831	I	50711	11.56	902
241	816	63080	P	50711	11.75	917	291	45	33551	A	50711	11.04	868
242	274	33997	E	50711	11.87	935	292	486	62831	I	50711	11.80	933
243	248	33804	D	50711	11.87	928	293	517	62831	I	50711	11.79	924
244	234	33804	D	50711	11.85	933	294	779	63080	P	50711	10.92	863
245	232	33804	D	50711	11.80	922	295	424	62830	H	50711	11.76	922
246	242	33804	D	50711	11.61	906	296	864	63081	Q	50711	11.81	918
247	288	33997	E	50711	11.87	938	297	871	63081	Q	50711	11.76	924
248	246	33804	D	50711	11.84	931	298	551	62832	J	50711	11.35	901
249	258	33997	E	50711	11.76	916	299	63	33793	B	50711	11.82	924
250	257	33997	E	50711	11.88	926	300	116	33796	C	50711	11.57	902
SUBTOTAL					50	585.44	SUBTOTAL					50	582.91
						45,969							45,823



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PAG. NRO.: 4
TOTAL PAG.: 10

Cilegon,
2014/10/03

Work Order N°. (Pipe):
005 - 08411

Work Order N°. (Coupling):
005 - 08412

Customer:
TGSSU FOR ESSO AUSTRALIA PTY LTD

Customer's Reference:
N.A

Purchaser's Order:
TGSSA PO. 60203719 / End User PO. 4500985355

Item P.O.:
Item 4

Product:
CASING SEAMLESS

Standard Specifications:
API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2

Steel Grade:
L80 Type 1

Product Specification Levels:
PSL-1

Thread/End:
TSH W563-DPLS

Diameter:
9 5/8 INCH

Thickness:
0.545 INCH

Nominal Weight:
53.5 LB/FT

Length:
R-3

Total Pieces:
926

Total Length (M):
10,803.75

Total Weight (Kgs):
849,019

Tonnage:
849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
301	27	33551	A	50711	11.78	927	351	77	33793	B	50711	11.77	919
302	793	63080	P	50711	11.30	883	352	76	33793	B	50711	11.81	932
303	439	62830	H	50711	11.80	932	353	470	62830	H	50711	11.73	918
304	541	62831	I	50711	11.64	912	354	690	62838	N	50711	11.88	934
305	694	62838	N	50711	11.31	883	355	177	33796	C	50711	11.88	935
306	574	62835	L	50711	11.59	912	356	918	63082	R	50711	11.50	906
307	716	62873	O	50711	11.81	923	357	106	33796	C	50711	11.80	927
308	283	33997	E	50711	11.64	923	358	134	33796	C	50711	11.20	883
309	191	33804	D	50711	11.81	929	359	128	33796	C	50711	11.77	920
310	89	33793	B	50711	11.81	924	360	137	33796	C	50711	11.83	928
311	789	63080	P	50711	11.82	925	361	61	33793	B	50711	11.84	922
312	392	62830	H	50711	11.87	941	362	105	33796	C	50711	11.86	927
313	393	62830	H	50711	11.59	916	363	131	33796	C	50711	11.86	926
314	863	63081	Q	50711	11.44	890	364	129	33796	C	50711	11.82	934
315	868	63081	Q	50711	11.86	922	365	117	33796	C	50711	11.60	906
316	872	63081	Q	50711	11.86	920	366	139	33796	C	50711	11.82	920
317	873	63081	Q	50711	11.87	924	367	614	62835	L	50711	11.88	943
318	861	63081	Q	50711	11.88	936	368	731	62873	O	50711	11.65	916
319	848	63081	Q	50711	11.86	923	369	732	62873	O	50711	11.88	928
320	693	62838	N	50711	11.35	899	370	150	33796	C	50711	11.80	930
321	895	63081	Q	50711	11.16	874	371	142	33796	C	50711	11.80	921
322	887	63081	Q	50711	11.49	897	372	892	63081	Q	50711	11.88	935
323	689	62838	N	50711	11.64	910	373	891	63081	Q	50711	11.88	934
324	777	63080	P	50711	11.56	904	374	890	63081	Q	50711	11.85	927
325	701	62838	N	50711	11.87	936	375	170	33796	C	50711	11.74	920
326	909	63081	Q	50711	11.87	936	376	195	33804	D	50711	11.83	929
327	908	63081	Q	50711	11.86	925	377	179	33796	C	50711	11.75	919
328	22	33551	A	50711	11.78	925	378	336	62512	F	50711	11.35	899
329	853	63081	Q	50711	11.83	921	379	320	33997	E	50711	11.78	921
330	684	62838	N	50711	11.31	883	380	880	63081	Q	50711	11.76	925
331	705	62838	N	50711	11.26	879	381	673	62838	N	50711	11.60	915
332	584	62835	L	50711	11.88	941	382	927	63082	R	50711	11.51	907
333	799	63080	P	50711	11.88	938	383	630	62835	L	50711	11.35	892
334	535	62831	I	50711	11.88	939	384	435	62830	H	50711	11.79	926
335	97	33796	C	50711	11.43	893	385	425	62830	H	50711	10.81	856
336	65	33793	B	50711	11.88	938	386	413	62830	H	50711	11.26	887
337	939	63082	R	50711	11.88	937	387	688	62838	N	50711	11.75	924
338	907	63081	Q	50711	11.49	904	388	743	62873	O	50711	11.88	940
339	911	63081	Q	50711	11.88	929	389	322	33997	E	50711	11.52	901
340	929	63082	R	50711	11.88	939	390	29	33551	A	50711	11.87	937
341	867	63081	Q	50711	11.88	933	391	81	33793	B	50711	11.79	924
342	773	62873	O	50711	11.51	901	392	56	33793	B	50711	11.87	938
343	802	63080	P	50711	11.20	873	393	55	33793	B	50711	11.77	918
344	801	63080	P	50711	11.46	895	394	59	33793	B	50711	11.88	931
345	203	33804	D	50711	11.85	929	395	173	33796	C	50711	10.77	846
346	619	62835	L	50711	11.88	936	396	120	33796	C	50711	11.87	939
347	83	33793	B	50711	11.87	929	397	13	33551	A	50711	11.88	939
348	520	62831	I	50711	11.63	916	398	5	33551	A	50711	11.64	914
349	245	33804	D	50711	11.64	919	399	11	33551	A	50711	11.57	909
350	244	33804	D	50711	11.65	907	400	9	33551	A	50711	11.88	940
SUBTOTAL					584.17	45,830	SUBTOTAL					585.06	45,967

PACKING LIST/TALLY SHEET



Rev. #02
Date : November 03, 2014

PAG. NRO.: 5
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
401	261	33997	E	50711	11.88	921	451	702	62838	N	50711	11.81	928
402	576	62835	L	50711	11.88	933	452	888	63081	Q	50711	11.72	922
403	595	62835	L	50711	11.23	881	453	846	63081	Q	50711	11.50	898
404	594	62835	L	50711	11.42	898	454	924	63082	R	50711	11.79	921
405	581	62835	L	50711	11.88	931	455	897	63081	Q	50711	11.88	929
406	84	33793	B	50711	11.88	937	456	896	63081	Q	50711	11.88	939
407	227	33804	D	50711	11.55	902	457	200	33804	D	50711	11.78	931
408	546	62832	J	50711	11.85	929	458	169	33796	C	50711	10.90	861
409	511	62831	I	50711	11.87	936	459	127	33796	C	50711	11.88	940
410	552	62832	J	50711	11.63	910	460	664	62838	N	50711	11.35	903
411	262	33997	E	50711	11.17	879	461	389	62830	H	50711	11.72	915
412	251	33804	D	50711	11.04	862	462	388	62830	H	50711	11.88	936
413	291	33997	E	50711	11.62	917	463	371	62829	G	50711	11.50	909
414	230	33804	D	50711	11.84	933	464	787	63080	P	50711	11.87	936
415	302	33997	E	50711	11.50	902	465	375	62829	G	50711	11.87	939
416	301	33997	E	50711	11.87	937	466	380	62829	G	50711	11.84	933
417	300	33997	E	50711	11.63	910	467	379	62829	G	50711	11.79	922
418	567	62835	L	50711	11.87	941	468	378	62829	G	50711	11.51	904
419	231	33804	D	50711	11.83	931	469	396	62830	H	50711	11.85	925
420	316	33997	E	50711	11.59	906	470	136	33796	C	50711	11.84	919
421	306	33997	E	50711	11.87	936	471	910	63081	Q	50711	11.78	928
422	347	62512	F	50711	11.91	952	472	623	62835	L	50711	11.45	899
423	556	62832	J	50711	11.92	943	473	514	62831	I	50711	11.71	920
424	555	62832	J	50711	11.89	940	474	570	62835	L	50711	11.79	931
425	238	33804	D	50711	11.81	930	475	602	62835	L	50711	11.78	932
426	348	62512	F	50711	11.44	906	476	781	63080	P	50711	11.30	882
427	652	62838	N	50711	11.71	915	477	605	62835	L	50711	11.45	906
428	586	62835	L	50711	11.88	942	478	704	62838	N	50711	11.77	919
429	737	62873	O	50711	11.88	930	479	901	63081	Q	50711	11.75	917
430	569	62835	L	50711	11.36	892	480	572	62835	L	50711	11.77	930
431	549	62832	J	50711	11.88	937	481	441	62830	H	50711	11.88	938
432	611	62835	L	50711	11.84	927	482	327	33997	E	50711	11.49	904
433	299	33997	E	50711	11.80	922	483	366	62829	G	50711	11.75	927
434	183	33796	C	50711	11.88	932	484	538	62831	I	50711	11.77	927
435	48	33551	A	50711	11.55	907	485	382	62829	G	50711	11.45	902
436	516	62831	I	50711	11.77	923	486	786	63080	P	50711	11.74	926
437	267	33997	E	50711	11.88	939	487	383	62829	G	50711	11.42	896
438	854	63081	Q	50711	11.48	894	488	280	33997	E	50711	11.33	886
439	622	62835	L	50711	11.35	899	489	813	63080	P	50711	11.52	901
440	900	63081	Q	50711	11.79	920	490	295	33997	E	50711	11.41	894
441	791	63080	P	50711	11.76	927	491	553	62832	J	50711	11.55	903
442	790	63080	P	50711	11.87	938	492	579	62835	L	50711	11.78	931
443	883	63081	Q	50711	11.87	937	493	851	63081	Q	50711	11.76	925
444	31	33551	A	50711	11.87	938	494	49	33793	B	50711	11.52	900
445	82	33793	B	50711	11.83	934	495	531	62831	I	50711	11.64	920
446	37	33551	A	50711	11.88	939	496	682	62838	N	50711	11.79	933
447	860	63081	Q	50711	11.88	937	497	8	33551	A	50711	11.77	929
448	938	63082	R	50711	11.88	930	498	615	62835	L	50711	11.58	907
449	50	33793	B	50711	11.88	931	499	402	62830	H	50711	11.50	908
450	774	62873	O	50711	11.88	939	500	35	33551	A	50711	11.54	907
SUBTOTAL					50	586.52	SUBTOTAL					50	582.90
					46,132							45,838	

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PAG. NRO.: 6
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
501	240	33804	D	50711	11.76	925	551	922	63082	R	50711	11.60	917
502	4	33551	A	50711	11.46	899	552	550	62832	J	50711	11.62	919
503	930	63082	R	50711	11.18	875	553	780	63080	P	50711	11.59	913
504	373	62829	G	50711	11.31	892	554	133	33796	C	50711	11.35	897
505	53	33793	B	50711	11.87	937	555	67	33793	B	50711	11.80	931
506	616	62835	L	50711	11.74	920	556	57	33793	B	50711	11.63	909
507	617	62835	L	50711	11.87	940	557	458	62830	H	50711	11.50	900
508	621	62835	L	50711	11.14	881	558	172	33796	C	50711	11.55	903
509	78	33793	B	50711	11.88	940	559	519	62831	I	50711	11.54	904
510	166	33796	C	50711	11.74	915	560	696	62838	N	50711	10.75	839
511	167	33796	C	50711	11.82	931	561	655	62838	N	50711	11.56	905
512	151	33796	C	50711	11.30	891	562	902	63081	Q	50711	11.35	888
513	148	33796	C	50711	11.54	913	563	356	62512	F	50711	11.63	913
514	269	33997	E	50711	11.59	906	564	548	62832	J	50711	11.39	893
515	933	63082	R	50711	11.45	896	565	228	33804	D	50711	11.63	917
516	591	62835	L	50711	10.88	854	566	440	62830	H	50711	11.64	920
517	691	62838	N	50711	10.99	865	567	284	33997	E	50711	11.24	878
518	103	33796	C	50711	11.64	909	568	185	33796	C	50711	11.31	885
519	104	33796	C	50711	11.70	925	569	289	33997	E	50711	11.35	895
520	641	62835	L	50711	11.10	871	570	73	33793	B	50711	11.78	921
521	237	33804	D	50711	11.40	890	571	229	33804	D	50711	11.72	914
522	634	62835	L	50711	11.78	930	572	562	62834	K	50711	11.80	930
523	554	62832	J	50711	11.73	925	573	647	62836	M	50711	11.43	895
524	578	62835	L	50711	11.72	919	574	524	62831	I	50711	11.78	930
525	525	62831	I	50711	11.60	907	575	368	62829	G	50711	11.80	933
526	98	33796	C	50711	11.51	897	576	707	62838	N	50711	11.77	923
527	297	33997	E	50711	11.78	930	577	898	63081	Q	50711	11.79	929
528	266	33997	E	50711	11.11	869	578	23	33551	A	50711	11.73	918
529	110	33796	C	50711	11.29	884	579	432	62830	H	50711	11.80	933
530	130	33796	C	50711	11.74	929	580	532	62831	I	50711	11.35	889
531	111	33796	C	50711	11.73	921	581	462	62830	H	50711	11.50	894
532	100	33796	C	50711	11.86	932	582	204	33804	D	50711	11.59	907
533	706	62838	N	50711	11.03	861	583	940	63082	R	50711	11.79	920
534	906	63081	Q	50711	11.08	873	584	697	62838	N	50711	11.71	914
535	395	62830	H	50711	11.57	905	585	201	33804	D	50711	11.26	888
536	561	62834	K	50711	10.56	829	586	21	33551	A	50711	11.80	932
537	610	62835	L	50711	11.65	913	587	30	33551	A	50711	11.74	925
538	785	63080	P	50711	11.27	888	588	937	63082	R	50711	11.76	928
539	165	33796	C	50711	11.63	908	589	387	62830	H	50711	11.48	903
540	738	62873	O	50711	11.88	941	590	391	62830	H	50711	11.79	924
541	874	63081	Q	50711	11.79	924	591	886	63081	Q	50711	11.73	922
542	125	33796	C	50711	11.64	920	592	176	33796	C	50711	11.77	929
543	99	33796	C	50711	11.78	930	593	175	33796	C	50711	11.71	914
544	545	62832	J	50711	11.04	867	594	639	62835	L	50711	11.59	907
545	803	63080	P	50711	11.31	883	595	28	33551	A	50711	11.35	887
546	122	33796	C	50711	11.46	898	596	216	33804	D	50711	11.65	917
547	86	33793	B	50711	11.77	928	597	881	63081	Q	50711	11.79	927
548	612	62835	L	50711	11.79	922	598	536	62831	I	50711	11.82	931
549	108	33796	C	50711	11.64	920	599	646	62836	M	50711	11.09	875
550	755	62873	O	50711	11.88	929	600	326	33997	E	50711	11.49	905
SUBTOTAL					50	575.98	SUBTOTAL					50	579.19
					45,257							45,490	



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PACKING LIST/TALLY SHEET

PAG. NRO.: 7
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4
Product: CASING SEAMLESS		
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2		
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1	
Thread/End: TSH W563-DPLS		
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT
		Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019
		Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
601	363	62829	G	50711	11.85	937	651	40	33551	A	50711	11.62	911
602	362	62829	G	50711	11.84	932	652	412	62830	H	50711	11.40	892
603	334	62512	F	50711	11.78	930	653	626	62835	L	50711	11.65	918
604	235	33804	D	50711	11.50	899	654	719	62873	O	50711	11.84	927
605	236	33804	D	50711	11.35	888	655	608	62835	L	50711	11.55	912
606	19	33551	A	50711	11.64	913	656	575	62835	L	50711	11.48	901
607	417	62830	H	50711	11.47	900	657	430	62830	H	50711	11.69	914
608	926	63082	R	50711	11.79	923	658	94	33793	B	50711	11.81	916
609	604	62835	L	50711	11.58	908	659	112	33796	C	50711	11.61	909
610	899	63081	Q	50711	11.46	902	660	33	33551	A	50711	11.16	886
611	889	63081	Q	50711	10.81	848	661	505	62831	I	50711	11.78	928
612	26	33551	A	50711	11.79	930	662	504	62831	I	50711	11.71	924
613	859	63081	Q	50711	11.61	912	663	508	62831	I	50711	11.88	942
614	695	62838	N	50711	11.80	928	664	154	33796	C	50711	11.45	902
615	852	63081	O	50711	11.81	928	665	149	33796	C	50711	11.69	910
616	849	63081	Q	50711	11.80	919	666	159	33796	C	50711	11.57	902
617	182	33796	C	50711	11.35	896	667	155	33796	C	50711	11.61	914
618	58	33793	B	50711	11.80	932	668	146	33796	C	50711	11.85	933
619	659	62838	N	50711	11.43	896	669	178	33796	C	50711	11.78	918
620	436	62830	H	50711	11.54	904	670	143	33796	C	50711	11.63	911
621	3	33551	A	50711	11.88	941	671	141	33796	C	50711	11.55	903
622	377	62829	G	50711	11.70	918	672	544	62831	I	50711	11.70	915
623	372	62829	G	50711	11.86	927	673	912	63081	Q	50711	11.31	881
624	376	62829	G	50711	11.81	926	674	253	33804	D	50711	11.71	922
625	365	62829	G	50711	11.87	935	675	124	33796	C	50711	11.79	932
626	502	62831	I	50711	11.88	939	676	582	62835	L	50711	11.05	874
627	884	63081	Q	50711	11.78	922	677	460	62830	H	50711	11.65	923
628	685	62838	N	50711	11.81	920	678	723	62873	O	50711	11.88	941
629	692	62838	N	50711	10.80	848	679	724	62873	O	50711	11.88	932
630	455	62830	H	50711	11.63	909	680	681	62838	N	50711	11.60	897
631	168	33796	C	50711	11.62	919	681	727	62873	O	50711	11.81	927
632	202	33804	D	50711	11.56	909	682	674	62838	N	50711	11.46	895
633	197	33804	D	50711	11.57	907	683	734	62873	O	50711	11.84	928
634	931	63082	R	50711	11.64	920	684	735	62873	O	50711	11.60	906
635	162	33796	C	50711	11.42	894	685	729	62873	O	50711	11.88	934
636	390	62830	H	50711	11.55	904	686	714	62873	O	50711	11.55	910
637	471	62830	H	50711	11.64	921	687	656	62838	N	50711	11.76	927
638	928	63082	R	50711	11.55	911	688	138	33796	C	50711	11.70	919
639	593	62835	L	50711	11.60	913	689	653	62838	N	50711	11.53	900
640	341	62512	F	50711	11.55	917	690	93	33793	B	50711	11.70	916
641	648	62836	M	50711	11.36	896	691	135	33796	C	50711	11.63	917
642	580	62835	L	50711	11.72	929	692	158	33796	C	50711	11.53	900
643	328	33997	E	50711	11.20	875	693	620	62835	L	50711	11.78	931
644	118	33796	C	50711	11.51	912	694	80	33793	B	50711	11.79	924
645	625	62835	L	50711	11.65	921	695	490	62831	I	50711	11.80	934
646	319	33997	E	50711	11.32	894	696	501	62831	I	50711	11.87	932
647	364	62829	G	50711	11.52	911	697	573	62835	L	50711	11.61	894
648	461	62830	H	50711	11.67	916	698	489	62831	I	50711	11.87	934
649	174	33796	C	50711	11.79	930	699	730	62873	O	50711	11.35	889
650	438	62830	H	50711	11.50	885	700	496	62831	I	50711	11.84	931
SUBTOTAL						579.96	SUBTOTAL						582.78
						45,594							45,738



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PAG. NRO.: 8
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10.803.75	Total Weight (Kgs): 849.019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
701	660	62838	N	50711	11.88	937	751	214	33804	D	50711	11.57	913
702	679	62838	N	50711	11.35	879	752	215	33804	D	50711	11.87	934
703	739	62873	O	50711	11.88	932	753	484	62831	I	50711	11.88	938
704	671	62838	N	50711	11.88	939	754	795	63080	P	50711	11.88	928
705	650	62838	N	50711	11.24	878	755	776	63080	P	50711	11.22	879
706	668	62838	N	50711	11.76	920	756	823	63080	P	50711	11.53	898
707	156	33796	C	50711	11.48	898	757	811	63080	P	50711	10.91	854
708	147	33796	C	50711	11.36	884	758	509	62831	I	50711	11.54	904
709	171	33796	C	50711	11.65	910	759	506	62831	I	50711	11.88	937
710	152	33796	C	50711	11.52	903	760	800	63080	P	50711	11.18	880
711	669	62838	N	50711	11.65	917	761	796	63080	P	50711	11.88	937
712	662	62838	N	50711	11.88	939	762	205	33804	D	50711	11.39	891
713	804	63080	P	50711	11.88	936	763	210	33804	D	50711	11.80	930
714	839	63080	P	50711	11.88	938	764	834	63080	P	50711	11.64	910
715	838	63080	P	50711	11.55	908	765	837	63080	P	50711	11.84	927
716	672	62838	N	50711	11.88	942	766	798	63080	P	50711	11.88	937
717	661	62838	N	50711	11.88	939	767	805	63080	P	50711	11.88	936
718	292	33997	E	50711	11.83	933	768	196	33804	D	50711	11.75	920
719	651	62838	N	50711	11.88	937	769	190	33804	D	50711	11.47	896
720	772	62873	O	50711	11.26	888	770	831	63080	P	50711	11.88	938
721	654	62838	N	50711	11.65	919	771	833	63080	P	50711	11.88	935
722	700	62838	N	50711	11.59	896	772	820	63080	P	50711	11.88	938
723	547	62832	J	50711	11.64	918	773	494	62831	I	50711	11.78	932
724	263	33997	E	50711	11.36	896	774	678	62838	N	50711	11.62	918
725	437	62830	H	50711	11.69	922	775	477	62831	I	50711	11.64	921
726	181	33796	C	50711	11.42	891	776	198	33804	D	50711	11.59	915
727	92	33793	B	50711	11.88	930	777	858	63081	Q	50711	11.35	901
728	893	63081	Q	50711	11.69	922	778	667	62838	N	50711	11.39	902
729	14	33551	A	50711	11.64	920	779	278	33997	E	50711	11.18	881
730	95	33793	B	50711	11.03	864	780	840	63080	P	50711	11.88	936
731	38	33551	A	50711	11.35	887	781	843	63080	P	50711	11.88	938
732	618	62835	L	50711	11.64	914	782	826	63080	P	50711	11.64	911
733	254	33804	D	50711	11.31	893	783	825	63080	P	50711	11.88	936
734	360	62512	F	50711	11.81	932	784	847	63081	Q	50711	11.86	936
735	374	62829	G	50711	11.86	936	785	187	33796	C	50711	11.82	930
736	260	33997	E	50711	11.87	935	786	222	33804	D	50711	11.85	930
737	259	33997	E	50711	11.77	925	787	842	63080	P	50711	11.88	934
738	483	62831	I	50711	11.85	927	788	835	63080	P	50711	10.97	860
739	810	63080	P	50711	11.58	905	789	220	33804	D	50711	11.84	918
740	500	62831	I	50711	11.78	922	790	206	33804	D	50711	11.76	920
741	499	62831	I	50711	11.88	941	791	824	63080	P	50711	11.87	936
742	807	63080	P	50711	11.88	938	792	208	33804	D	50711	11.60	909
743	818	63080	P	50711	11.17	880	793	188	33796	C	50711	11.63	911
744	808	63080	P	50711	11.88	937	794	189	33796	C	50711	11.53	903
745	271	33997	E	50711	11.64	918	795	613	62835	L	50711	11.88	938
746	498	62831	I	50711	11.88	938	796	809	63080	P	50711	11.88	936
747	493	62831	I	50711	11.88	936	797	207	33804	D	50711	11.64	920
748	479	62831	I	50711	11.88	940	798	643	62835	L	50711	11.58	900
749	219	33804	D	50711	11.78	925	799	642	62835	L	50711	11.48	901
750	384	62829	G	50711	11.45	905	800	249	33804	D	50711	11.79	920
SUBTOTAL					50	583.30	SUBTOTAL					50	583.32
						45,869							45,853



PACKING LIST/TALLY SHEET

PAG. NRO.: 9
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)	N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
801	264	33997	E	50711	11.88	935	851	12	33551	A	50711	11.41	895
802	303	33997	E	50711	11.44	903	852	806	63080	P	50711	11.74	925
803	217	33804	D	50711	11.64	911	853	485	62831	I	50711	11.61	916
804	221	33804	D	50711	11.88	932	854	841	63080	P	50711	11.41	892
805	209	33804	D	50711	11.86	935	855	192	33804	D	50711	11.71	920
806	270	33997	E	50711	11.56	906	856	495	62831	I	50711	11.77	931
807	459	62830	H	50711	11.84	935	857	666	62838	N	50711	11.77	927
808	265	33997	E	50711	11.58	904	858	298	33997	E	50711	11.55	912
809	255	33997	E	50711	11.35	886	859	212	33804	D	50711	11.30	873
810	247	33804	D	50711	11.62	903	860	224	33804	D	50711	11.60	913
811	256	33997	E	50711	11.88	938	861	830	63080	P	50711	11.56	909
812	250	33804	D	50711	11.78	918	862	211	33804	D	50711	11.70	915
813	25	33551	A	50711	11.64	920	863	213	33804	D	50711	11.71	922
814	275	33997	E	50711	11.76	919	864	233	33804	D	50711	11.63	918
815	603	62835	L	50711	11.73	928	865	624	62835	L	50711	11.88	933
816	218	33804	D	50711	11.64	921	866	677	62838	N	50711	11.72	924
817	357	62512	F	50711	11.63	906	867	638	62835	L	50711	11.51	904
818	832	63080	P	50711	11.79	919	868	199	33804	D	50711	11.57	895
819	797	63080	P	50711	11.75	924	869	670	62838	N	50711	11.35	888
820	313	33997	E	50711	11.72	925	870	20	33551	A	50711	11.57	909
821	52	33793	B	50711	11.82	916	871	680	62838	N	50711	11.57	918
822	353	62512	F	50711	11.46	899	872	663	62838	N	50711	11.58	895
823	703	62838	N	50711	11.81	926	873	609	62835	L	50711	11.59	910
824	51	33793	B	50711	11.35	885	874	330	62512	F	50711	11.83	936
825	932	63082	R	50711	11.88	937	875	877	63081	Q	50711	11.65	915
826	314	33997	E	50711	11.03	864	876	754	62873	O	50711	11.88	930
827	819	63080	P	50711	11.73	915	877	640	62835	L	50711	11.87	940
828	821	63080	P	50711	11.77	926	878	759	62873	O	50711	11.88	939
829	32	33551	A	50711	11.35	888	879	243	33804	D	50711	11.26	885
830	844	63080	P	50711	11.79	920	880	294	33997	E	50711	11.82	917
831	2	33551	A	50711	11.24	880	881	331	62512	F	50711	11.58	907
832	7	33551	A	50711	11.78	930	882	324	33997	E	50711	11.36	896
833	720	62873	O	50711	11.65	912	883	268	33997	E	50711	11.24	887
834	588	62835	L	50711	11.75	932	884	472	62830	H	50711	11.64	910
835	845	63080	P	50711	11.77	927	885	827	63080	P	50711	11.55	904
836	309	33997	E	50711	11.88	929	886	466	62830	H	50711	11.92	943
837	293	33997	E	50711	11.59	907	887	1	33551	A	50711	11.72	926
838	783	63080	P	50711	11.88	936	888	876	63081	Q	50711	11.65	908
839	480	62831	I	50711	11.87	928	889	836	63080	P	50711	11.57	903
840	308	33997	E	50711	11.71	914	890	272	33997	E	50711	11.88	934
841	307	33997	E	50711	11.88	938	891	385	62829	G	50711	11.30	889
842	310	33997	E	50711	11.41	899	892	296	33997	E	50711	11.74	919
843	311	33997	E	50711	11.88	934	893	497	62831	I	50711	11.80	923
844	305	33997	E	50711	11.88	939	894	829	63080	P	50711	11.48	897
845	304	33997	E	50711	11.88	935	895	828	63080	P	50711	11.88	935
846	503	62831	I	50711	11.88	932	896	822	63080	P	50711	11.63	916
847	507	62831	I	50711	11.88	939	897	478	62831	I	50711	11.88	941
848	318	33997	E	50711	11.88	938	898	290	33997	E	50711	11.74	927
849	317	33997	E	50711	11.88	938	899	894	63081	Q	50711	11.65	913
850	36	33551	A	50711	11.40	892	900	427	62830	H	50711	11.59	915
SUBTOTAL					584.93	45,923	SUBTOTAL					581.80	45,699



PACKING LIST/TALLY SHEET

PAG. NRO.: 10
TOTAL PAG.: 10

Cilegon, 2014/10/03	Work Order N°. (Pipe): 005 - 08411	Work Order N°. (Coupling): 005 - 08412	
Customer: TGSSU FOR ESSO AUSTRALIA PTY LTD		Customer's Reference: N.A	
Purchaser's Order: TGSSA PO. 60203719 / End User PO. 4500985355		Item P.O.: Item 4	
Product: CASING SEAMLESS			
Standard Specifications: API 5CT NINTH EDITION + TSH W563-DPLS SPECIFICATIONS + TSH-AR-00.0005 + PAL 2 ; CTP 2			
Steel Grade: L80 Type 1	Product Specification Levels: PSL-1		
Thread/End: TSH W563-DPLS			
Diameter: 9 5/8 INCH	Thickness: 0.545 INCH	Nominal Weight: 53.5 LB/FT	Length: R-3
Total Pieces: 926	Total Length (M): 10,803.75	Total Weight (Kgs): 849,019	Tonnage: 849.019

N°	Pipe N°	Heat N°	Heat ID	Heat No. Coupling	Length (M)	Weight (Kgs)
901	726	62873	O	50711	11.74	928
902	434	62830	H	50711	11.61	906
903	386	62829	G	50711	11.65	921
904	925	63082	R	50711	11.48	904
905	510	62831	I	50711	11.75	927
906	917	63081	Q	50711	11.92	936
907	559	62832	J	50711	11.52	907
908	560	62832	J	50711	11.93	939
909	558	62832	J	50711	11.88	927
910	916	63081	Q	50711	11.23	876
911	557	62832	J	50711	11.50	905
912	564	62834	K	50711	11.39	888
913	323	33997	E	50711	11.10	876
914	565	62834	K	50711	10.90	861
915	915	63081	Q	50711	11.88	927
916	10	33551	A	50711	11.18	876
917	914	63081	Q	50711	11.88	940
918	528	62831	I	50711	11.63	907
919	583	62835	L	50711	11.05	894
920	711	62838	N	50711	11.52	903
921	587	62835	L	50711	11.41	902
922	712	62838	N	50711	10.91	850
923	713	62838	N	50711	11.41	887
924	913	63081	Q	50711	11.43	900
925	733	62873	O	50711	10.90	884
926	771	62873	O	50711	11.77	921
SUBTOTAL			26		298.57	23,492

SUMMARY PIPE

Heat Number	Heat ID	Qty	Length (M)	Weight (Kgs)
33551	A	48	557.16	43,838
33793	B	48	564.10	44,260
33796	C	93	1,083.52	85,068
33804	D	64	745.74	58,508
33997	E	74	860.24	67,613
62512	F	30	349.95	27,579
62829	G	26	303.58	23,906
62830	H	85	995.26	78,159
62831	I	72	846.34	66,583
62832	J	16	186.32	14,663
62834	K	4	44.65	3,508
62835	L	78	906.39	71,426
62836	M	5	57.11	4,480
62838	N	63	730.72	57,372
62873	O	61	716.97	56,425
63080	P	67	779.40	61,196
63081	Q	70	818.92	64,198
63082	R	22	257.38	20,237
Accumm		926	10,803.75	849,019

SUMMARY COUPLING

Heat Number	Heat ID	Qty
50711	C	926
Accumm		926

INSPECTION RELEASE NOTES

IRN NO:034-TSPJ-2014 REV-03

Date : November 10, 2014
 Vendor / Threader : Tenaris SPLJ
 Threader Work Order : 005-08409 & 005-08411
 Location : Cillegon Banten Indonesia

Affiliate/JV : Esso Australia
 Purchase Order No : 4500985355 Item: 09
 EMGS IOA No : IOA#13807 R1
 Pipe Monogrammer : API 5CT 0321

Oil Country Tubular Goods Released

Item No	Description	Qty Joints	Footage Meter	Accepted Heat Numbers.	Remarks
09	Casing 9-5/8" OD 53.5 PPF L80 R3 TSH W563 Dopeless PAL-2, CTP-2	463	5,405.56	Tenaris Siderca Pipe Heat Nos: 33793-24 Jts, 33795-72 Jts, 62829-67 Jts	Loose
	Pin x Box, Drift 8.500" c/w EMDC Approved STP			62830-9 Jts, 62832-25 Jts, 62833-72 Jts, 62834-83 Jts, 62836-82 Jts	
	Composite Closed End Lifiable Protectors (WO.005-08409)			62837-29 Joints	
				Tenaris Siderca Coupling Heat Nos: 50710-198 Pcs & 50711-265 Pieces.	
09	Casing 9-5/8" OD 53.5 PPF L80 R3 TSH W563 Dopeless PAL-2, CTP-2	926	10,803.75	Tenaris Siderca Pipe Heat Nos: 33551-48 Jts, 33793-48 Joints	Loose
	Pin x Box, Drift 8.500" c/w EMDC Approved STP			33796-93 Jts, 33804-64 Jts, 33997-74 Jts, 62512-20 Jts, 62829-26 Jts	
	Composite Closed End Lifiable Protectors (WO.005-08411)			62830-85 Jts, 62831-72 Jts, 62832-16 Jts, 63834-4 Jts, 62835-78 Jts	
				62836-5 Jts, 62838-63 Jts, 62873-61 Jts, 63080-67 Jts, 63081-70 Jts	
				63082-22 Joints	
				Tenaris Siderca Coupling Heat Nos: 50711-926 Pieces.	

Third Party Inspector: Jeffrey Goh, Lead EMR & Alex Lipan, EMR
 Third Party Inspector Company: ICO AsiaPacific Pte Ltd


 Third Party Inspector Signature