

INSPECTION CERTIFICATE

CERTIFICATE NO. :WYK4362-01

PAGE : 1/8 DATE : 2010-12-21

CUSTOMER : EXXONMOBIL EXPLORATION AND PRODUCTION NORWAY AS
 ORDER NO. : 4500668542 ITEM NO. 2
 SHIPPER : SUMITOMO CORPORATION 057 KEB 1825/2 OP16S160401
 COMMODITY : SEAMLESS STEEL CASING / VAM TOP
 STANDARD : API 5CT GROUP2 GR.L80-TYPE 1 VAM
 SPECIFICATION : TSP-1754RE, TSP-1755R5
 MILL WORK NO. : WYK4362 O. D. : 9-5/8inch W. T. : 53.50lb/ft LENGTH: MIN. 38feet MAX. 40feet
 QUANTITY: 529pcs. TOTAL LENGTH: 21043.62feet MASS: 510729kg

HEAT NO.	: JOK7249	JOK7251	JOKB685	JOKB723	JOKB727	JOL5490	JOLB321
PRODUCTS PCS.	: 1	3	6	2	159	1	219
HEAT NO.	: JOLB324						
PRODUCTS PCS.	: 138						

HEAT TREATMENT : QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

		*1	C	Si	Mn	P	S	Cu	Ni	Al
						*2	*2			*2
SPEC. MIN.		R	-	-	-	-	-	-	-	-
MAX.		R	43	45	190	30	30	35	25	-
HEAT NO.										
JOK7249		L	25	32	134	18	8	1	2	31
		P	24	31	134	17	7	1	2	31
JOK7251		L	23	30	133	16	7	1	2	38
		P	23	31	135	17	8	1	2	34
		P	23	30	134	16	7	1	2	36
JOKB685		L	24	31	137	14	7	2	2	31
		P	23	30	136	12	7	1	2	29
		P	23	31	137	12	6	1	2	29
JOKB723		L	24	32	138	25	7	3	2	33
		P	23	31	139	24	7	2	2	32
		P	23	32	139	24	7	2	2	33
JOKB727		L	23	32	130	6	5	3	6	17
		P	23	34	128	6	5	2	6	15
		P	22	31	128	6	4	2	6	16
JOL5490		L	24	32	133	14	6	1	2	34
		P	24	32	132	12	5	1	2	34
JOLB321		L	24	28	133	23	4	3	3	26
		P	23	29	129	21	4	2	3	25
		P	23	28	131	21	3	2	3	25
JOLB324		L	25	30	137	16	5	3	2	21
		P	23	28	134	18	5	2	3	21
		P	23	28	133	16	5	2	2	20

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS *2:X1000 OTHER:X100

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN DESCRIBED HAS BEEN MANUFACTURED, SAMPLED, TESTED, AND INSPECTED IN ACCORDANCE WITH ABOVE STANDARD AND SPECIFICATION AND SATISFIES THE REQUIREMENTS.



'10.12.30



MANAGER, QUALITY ASSURANCE SECTION

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NO. 070614W10

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IMPACT TEST (-10.0°C 2mm V-Notch 10X7.50)

		*1 *2	*3 *4	AVG			*3 *4	AVG		
SPEC. MIN.	HEAT-	T B	E F	*5	7/10	10	S %	*6	-	-
MAX.	LOT NO.	T B	E F		-/-	-	S %		-	-
				[1]	[2]	[3]		[1]	[2]	[3]
HEAT NO.										
JOLB321	010	T B	E F	62	59	61	60	S %	99	96 100 98
	011	T B	E F	63	71	66	66	S %	98	100 100 99
JOLB324	012	T B	E F	57	58	58	58	S %	98	100 100 99
	013	T B	E F	66	67	67	67	S %	100	100 100 100

[1] [2] [3]: SPECIMEN NO.
 ABSORBED ENERGY *5:VALUE OF ONE PIECE/EACH VALUE OF TWO PIECES AVG:AVERAGE VALUE OF ONE SET (3 PIECES)
 SHEAR AREA *6:VALUE OF ONE PIECE AVG:AVERAGE VALUE OF ONE SET (3 PIECES)
 *1 SAMPLING DIRECTION T:TRANSVERSE *2 SAMPLING POSITION B:BASE METAL *3 E:ABSORBED ENERGY S:SHEAR AREA
 *4 UNIT F:ft·lbf %: %

VISUAL & DIMENSIONS: ACCEPTABLE

DRIFT TEST: ACCEPTABLE (SPECIAL O.D.:8.500in.)

HYDROSTATIC TEST 7200psiX5sec.: ACCEPTABLE

ULTRASONIC EXAMINATION: ACCEPTABLE

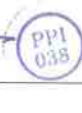
APPLICABLE STANDARD/REFERENCE STANDARD: API 5CT SR2 (L2 NOTCH)

ULTRASONIC WALL THICKNESS CHECK: ACCEPTABLE

THREAD GAUGING & INSPECTION: ACCEPTABLE

PIPE:CRITICAL / CONNECTION:STANDARD

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HARDNESS TEST (HRC)

SPEC. MIN. MAX.	HEAT NO.	HEAT- LOT NO.	*1 *2 *3		*4 *5														*V. A.
			B C	B C	-	-													-
			B C	B C	-	23.0													-
HEAT NO.	HEAT- LOT NO.		AVG.	OUTER WALL IMPRESSION NO.				MID WALL IMPRESSION NO.				INNER WALL IMPRESSION NO.							
				QUAD -RANT	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.			
JOK7249	001	B C T	18.9	A	17.9	18.4	18.1	18.1	19.5	19.6	19.0	19.4	18.8	19.2	19.3	19.1	1.3		
	001	B C B	17.7	A	16.9	17.2	17.0	17.0	18.1	18.1	18.3	18.2	17.6	18.1	18.0	17.9	1.2		
JOK7251	002	B C T	18.0	A	17.5	17.6	18.1	17.7	18.1	18.3	17.9	18.1	18.2	18.3	18.2	18.2	0.5		
	002	B C B	16.4	A	16.1	16.0	16.1	16.1	16.7	17.0	16.8	16.8	16.5	16.2	16.1	16.3	0.7		
	003	B C T	18.7	A	18.3	18.8	18.5	18.5	18.8	19.0	18.6	18.8	19.4	18.5	18.7	18.9	0.4		
	003	B C B	18.6	A	17.5	17.4	17.5	17.5	19.7	19.5	19.5	19.6	19.1	18.7	18.8	18.9	2.1		
JOKB685	014	B C T	19.2	A	18.5	18.0	17.8	18.1	19.7	20.1	19.4	19.7	19.9	19.4	20.2	19.8	1.7		
	014	B C B	20.1	A	19.8	19.5	19.4	19.6	20.7	20.1	20.1	20.3	20.5	20.5	20.3	20.4	0.8		
JOKB723	015	B C T	20.0	A	20.1	19.6	19.2	19.6	20.8	20.3	19.9	20.3	19.7	20.4	20.0	20.0	0.7		
	015	B C B	19.9	A	19.0	19.0	19.0	19.0	20.6	20.5	19.9	20.3	20.4	20.2	20.1	20.2	1.3		
JOKB727	016	B C T	19.8	A	18.5	18.1	18.1	18.2	20.6	20.8	20.2	20.5	20.7	20.7	20.4	20.6	2.4		
	016	B C B	19.6	A	18.1	18.5	18.2	18.3	20.6	20.3	20.2	20.4	19.9	20.6	20.1	20.2	2.1		
	017	B C T	19.2	A	18.5	18.0	17.8	18.1	18.8	19.5	19.2	19.2	19.9	20.5	20.2	20.2	2.1		
	017	B C B	19.9	A	19.3	18.7	18.5	18.8	20.3	20.6	20.1	20.3	20.4	21.0	20.3	20.6	1.8		
JOL5490	007	B C T	19.2	A	18.0	18.8	18.8	18.5	19.4	20.0	19.3	19.6	19.5	19.4	20.0	19.6	1.1		
	007	B C B	19.7	A	18.8	18.6	18.9	18.8	19.9	20.2	20.3	20.1	20.6	19.7	20.1	20.1	1.3		
JOLB321	009	B C T	19.1	A	17.8	17.6	17.2	17.5	20.7	20.3	20.3	20.4	19.5	19.2	19.4	19.4	2.9		
	009	B C B	19.5	A	17.9	17.2	17.1	17.4	20.4	20.8	20.3	20.5	20.0	20.8	20.6	20.5	3.1		
	010	B C T	19.6	A	19.2	18.7	18.8	18.9	20.4	19.7	20.0	20.0	19.8	20.0	20.0	19.9	1.1		
	010	B C B	19.8	A	18.6	19.2	18.9	18.9	20.3	20.4	20.0	20.2	20.1	20.1	20.4	20.2	1.3		
	011	B C T	19.5	A	19.0	19.1	18.5	18.9	19.9	20.3	20.2	20.1	19.6	19.6	18.9	19.4	1.2		
	011	B C B	20.1	A	18.6	18.8	19.5	19.0	20.9	20.7	20.5	20.7	20.6	20.9	20.5	20.7	1.7		
JOLB324	012	B C T	19.7	A	18.9	18.8	19.6	19.1	20.4	20.6	20.3	20.4	19.2	19.6	20.1	19.6	1.3		
	012	B C B	20.4	A	19.5	19.0	19.4	19.3	21.1	20.7	20.8	20.9	20.7	21.4	21.0	21.0	1.7		
	013	B C T	20.1	A	20.0	19.4	18.9	19.4	20.6	20.3	20.0	20.3	20.3	20.6	20.5	20.5	1.1		
	013	B C B	19.9	A	18.9	18.3	18.8	18.7	20.6	20.7	20.6	20.6	20.5	20.5	20.5	20.5	1.9		
		*ALL	19.3																

*1 SAMPLING POSITION B:BASE METAL *2 LOCATION C:CROSS SECTION *3 SAMPLING LOCATION T:TOP B:BOTTOM *4 EACH
 *5 AVERAGE *V. A. :VARIATION AVERAGE MAX. -MIN. * ALL:ALL AVG.

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NO. 070614W10

INSPECTION CERTIFICATE

CERTIFICATE NO. : WYYK4362-01

PAGE : 5/8 DATE : 2010-12-21

TEMPERING TEMPERATURE

HEAT NO.	PRODUCT PCS. (PCS.)	HEAT LOT/NO.	SETTING TEMPERING TEMPERATURE (°C)
JOK7249	1	001	650
JOK7251	2	002	650
JOK7251	1	003	650
JOKB685	6	014	650
JOKB723	2	015	650
JOKB727	95	016	650
JOKB727	64	017	650
JOL5490	1	007	650
JOLB321	90	009	650
JOLB321	85	010	650
JOLB321	44	011	650
JOLB324	92	012	650
JOLB324	46	013	650
TOTAL	529		
REMARKS : TEMPERING TEMPERATURE CONTROL RANGE : SETTING TEMPERATURE $\pm 10^{\circ}\text{C}$			

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INSPECTION CERTIFICATE (COUPLING)

CERTIFICATE NO. :WYYK4362-01 PAGE : 6 / 8 DATE :2010-12-21

MOTHER PIPE WORK NO. :WCKK2344

HEAT TREATMENT:QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

		#1	C	Si	Mn	P	S	Cu	Cr	Ni	Mo	Al
						*2	*2					*2
SPEC. MIN.		R	-	-	-	-	-	-	-	-	-	-
MAX.		R	43	45	190	30	30	35	-	25	-	-
HEAT NO.												
JOK5262		L	26	29	84	10	4	2	112	3	31	25
		P	25	30	83	10	3	1	110	3	31	27
		P	25	30	83	10	3	1	110	3	31	26
JOL8006		L	25	26	83	9	4	2	113	2	32	37
		P	25	28	83	8	4	1	111	2	31	36
		P	25	28	82	8	4	1	111	2	31	37
JOL9188		L	25	32	82	11	4	2	110	3	31	42
		P	24	33	82	11	3	2	111	3	31	41
		P	24	33	82	11	3	2	111	3	31	42

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS *2:X1000 OTHER:X100

TENSILE TEST

		#1 #2	YS	TS	EL
			*3	*3	%
SPEC. MIN.	HEAT-	L B	P 80.0	P 95.0	15
MAX.	LOT NO.	L B	P 95.0	P -	-
HEAT NO.					
JOK5262	001	L B	P 86.0	P 106.5	27
	001	L B	P 89.5	P 109.2	27
JOL8006	002	L B	P 86.6	P 107.0	27
	002	L B	P 86.0	P 105.9	27
JOL9188	003	L B	P 88.3	P 108.1	28
	003	L B	P 85.7	P 107.0	26

 TYPE OF SPECIMEN:ROUND BAR 0.5in. DIAMETER *1 SAMPLING DIRECTION L:LONGITUDINAL
 *2 SAMPLING POSITION B:BASE METAL *3 UNIT P:ksi GAUGE LENGTH:2.0in. KIND OF YS:0.5% EXTENSION UNDER LOAD

IMPACT TEST (-10.0°C 2mm V-Notch 10X10)

		#1 #2	#3 #4	AVG	#3 #4	AVG
SPEC. MIN.	HEAT-	T B	E F	*5 13/19	S %	*6 -
MAX.	LOT NO.	T B	E F	-/-	S %	-
				[1] [2] [3]		[1] [2] [3]
HEAT NO.						
JOK5262	001	T B	E F	151 161 151 154	S %	100 100 100 100
JOL8006	002	T B	E F	147 154 147 149	S %	100 100 100 100
JOL9188	003	T B	E F	156 159 161 159	S %	100 100 100 100

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CERTIFICATE NO. : WYK4362-01

PAGE : 7/8 DATE : 2010-12-21

[1] [2] [3]: SPECIMEN NO.
ABSORBED ENERGY *5: VALUE OF ONE PIECE/EACH VALUE OF TWO PIECES AVG: AVERAGE VALUE OF ONE SET (3 PIECES)
SHEAR AREA *6: VALUE OF ONE PIECE AVG: AVERAGE VALUE OF ONE SET (3 PIECES)
*1 SAMPLING DIRECTION T: TRANSVERSE *2 SAMPLING POSITION B: BASE METAL *3 E: ABSORBED ENERGY S: SHEAR AREA
*4 UNIT F: ft-lbf %: %

VISUAL & DIMENSIONS: ACCEPTABLE

MAGNETIC PARTICLE EXAMINATION: ACCEPTABLE

APPLICABLE STANDARD/REFERENCE STANDARD: API 5CT SEC. 9

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HARDNESS TEST (HRC)

		*1*2	*3	*4	*5														*V. A.
SPEC. MIN.		B C		-	-														-
MAX.		B C		-	23.0														-
				AVG.	OUTER WALL IMPRESSION NO.				MID WALL IMPRESSION NO.				INNER WALL IMPRESSION NO.						
HEAT NO.	HEAT- LOT NO.			QUAD	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.			
				-RANT															
JOK5262	001	B C	T	18.8	A	18.9	19.0	18.7	18.9	18.8	18.8	19.0	18.9	18.7	18.6	18.4	18.6	0.3	
	001	B C	B	18.8	A	18.9	18.1	18.5	18.5	19.7	19.7	19.6	19.7	18.0	18.3	18.6	18.3	1.4	
JOL8006	002	B C	B	18.3	A	18.6	18.8	18.4	18.6	18.8	19.2	18.5	18.8	17.6	17.4	17.5	17.5	1.3	
	002	B C	T	17.7	A	19.0	18.5	18.8	18.8	18.3	18.2	17.7	18.1	16.5	16.2	16.3	16.3	2.5	
JOL9188	003	B C	T	19.3	A	19.3	19.0	19.1	19.1	19.2	18.9	19.3	19.1	20.0	19.6	19.3	19.6	0.5	
	003	B C	B	19.2	A	18.3	19.0	18.4	18.6	19.4	19.1	19.1	19.2	19.8	20.0	20.0	19.9	1.3	
		*ALL		18.7															
*1 SAMPLING POSITION B:BASE METAL *2 LOCATION C:CROSS SECTION *3 SAMPLING LOCATION T:TOP B:BOTTOM *4 EACH *5 AVERAGE *V. A. :VARIATION AVERAGE MAX. -MIN. * ALL:ALL AVG.																			

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PAGE : 1/7 DATE : 2010-12-24

CUSTOMER :EXXONMOBIL EXPLORATION AND PRODUCTION NORWAY AS
ORDER NO. :4500668542 ITEM NO. 2
SHIPPER :SUMITOMO CORPORATION 057 KEB 1825/2 0P16S160401
COMMODITY :SEAMLESS STEEL CASING / VAM TOP
STANDARD :API 5CT GROUP2 GR. L80-TYPE 1 VAM
SPECIFICATION :TSP-1754RE, TSP-1755R5
MILL WORK NO. :WYYK4362 O. D. :9-5/8inch W. T. :53. 50lb/ft LENGTH:MIN. 38feet MAX. 40feet
QUANTITY:33pcs. TOTAL LENGTH:1315. 34feet MASS:31923kg

HEAT NO. :JOKB727 JOLB321 JOLB324
PRODUCTS PCS. :14 15 4

HEAT TREATMENT :QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

		#1	C	Si	Mn	P	S	Cu	Ni	Al
						*2	*2			*2
SPEC. MIN.		R	-	-	-	-	-	-	-	-
MAX.		R	43	45	190	30	30	35	25	-
HEAT NO.										
JOKB727		L	23	32	130	6	5	3	6	17
		P	23	34	128	6	5	2	6	15
		P	22	31	128	6	4	2	6	16
JOLB321		L	24	28	133	23	4	3	3	26
		P	23	29	129	21	4	2	3	25
		P	23	28	131	21	3	2	3	25
JOLB324		L	25	30	137	16	5	3	2	21
		P	23	28	134	18	5	2	3	21
		P	23	28	133	16	5	2	2	20

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS *2:X1000 OTHER:X100

TENSILE TEST

		#1 #2	YS	TS	EL
			*3	*3	%
SPEC. MIN.	HEAT-	L B	P 80.0	P 95.0	20
MAX.	LOT NO.	L B	P 95.0	P -	-
HEAT NO.					
JOKB727	016	L B	P 91.2	P 107.0	34
	016	L B	P 86.9	P 104.1	34
	017	L B	P 86.9	P 104.3	36
	017	L B	P 91.7	P 107.0	34
JOLB321	009	L B	P 89.1	P 106.2	35
	009	L B	P 88.0	P 107.0	36
	010	L B	P 89.1	P 106.5	35
	010	L B	P 89.2	P 107.0	35
	011	L B	P 89.8	P 107.2	35
	011	L B	P 86.9	P 104.7	34
JOLB324	012	L B	P 90.2	P 106.7	34
	012	L B	P 92.1	P 108.5	34
	013	L B	P 94.4	P 109.5	34

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10. 12. 30


MANAGER, QUALITY ASSURANCE SECTION

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NO. 071311W10

INSPECTION CERTIFICATE

CERTIFICATE NO. :WYK4362-02

PAGE : 2/7 DATE : 2010-12-24

TENSILE TEST

		*1 *2	YS *3	TS *3	EL %
SPEC. MIN.	HEAT-	L B	P 80.0	P 95.0	20
MAX.	LOT NO.	L B	P 95.0	P -	-
HEAT NO.					
JOLB324	013	L B	P 93.3	P 109.2	34
TYPE OF SPECIMEN:STRIP 1-1/2in. WIDTH *1 SAMPLING DIRECTION L:LONGITUDINAL *2 SAMPLING POSITION B:BASE METAL *3 UNIT P:ksi GAUGE LENGTH:2.0in. KIND OF YS:0.5% EXTENSION UNDER LOAD					

IMPACT TEST (-10.0°C 2mm V-Notch 10X7.50)

		*1 *2	*3 *4	AVG	*3 *4	AVG
SPEC. MIN.	HEAT-	T B	E F *5	7/10	S % *6	-
MAX.	LOT NO.	T B	E F	-/-	S %	-
			[1] [2] [3]		[1] [2] [3]	
HEAT NO.						
JOKB727	016	T B	E F 53	55 52 53	S % 100	100 100 100
	017	T B	E F 57	55 57 56	S % 100	100 100 100
JOLB321	009	T B	E F 72	71 71 71	S % 100	100 100 100
	010	T B	E F 62	59 61 60	S % 99	96 100 98
	011	T B	E F 63	71 66 66	S % 98	100 100 99
JOLB324	012	T B	E F 57	58 58 58	S % 98	100 100 99
	013	T B	E F 66	67 67 67	S % 100	100 100 100

[1] [2] [3]: SPECIMEN NO.

ABSORBED ENERGY *5:VALUE OF ONE PIECE/EACH VALUE OF TWO PIECES AVG:AVERAGE VALUE OF ONE SET (3 PIECES)

SHEAR AREA *6:VALUE OF ONE PIECE AVG:AVERAGE VALUE OF ONE SET (3 PIECES)

*1 SAMPLING DIRECTION T:TRANSVERSE *2 SAMPLING POSITION B:BASE METAL *3 E:ABSORBED ENERGY S:SHEAR AREA

*4 UNIT F:ft·lbf %:%

VISUAL & DIMENSIONS: ACCEPTABLE

DRIFT TEST: ACCEPTABLE (SPECIAL O.D.:8.500in.)

HYDROSTATIC TEST 7200psiX5sec.: ACCEPTABLE

ULTRASONIC EXAMINATION: ACCEPTABLE

APPLICABLE STANDARD/REFERENCE STANDARD: API 5CT SR2 (L2 NOTCH)

ULTRASONIC WALL THICKNESS CHECK: ACCEPTABLE

THREAD GAUGING & INSPECTION: ACCEPTABLE

PIPE:CRITICAL / CONNECTION:STANDARD

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PAGE : 3/7 DATE : 2010-12-24

HARDNESS TEST (HRC)

		*1*2	*3	*4	*5															*V. A.
SPEC. MIN.		B	C	-	-															-
MAX.		B	C	-	23.0															-
HEAT NO.	HEAT- LOT NO.			AVG.	OUTER WALL IMPRESSION NO.				MID WALL IMPRESSION NO.				INNER WALL IMPRESSION NO.							
				QUAD	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.				
			-RANT																	
JOKB727	016	B	C	T	19.8	A	18.5	18.1	18.1	18.2	20.6	20.8	20.2	20.5	20.7	20.7	20.4	20.6	2.4	
	016	B	C	B	19.6	A	18.1	18.5	18.2	18.3	20.6	20.3	20.2	20.4	19.9	20.6	20.1	20.2	2.1	
	017	B	C	T	19.2	A	18.5	18.0	17.8	18.1	18.8	19.5	19.2	19.2	19.9	20.5	20.2	20.2	2.1	
	017	B	C	B	19.9	A	19.3	18.7	18.5	18.8	20.3	20.6	20.1	20.3	20.4	21.0	20.3	20.6	1.8	
JOLB321	009	B	C	T	19.1	A	17.8	17.6	17.2	17.5	20.7	20.3	20.3	20.4	19.5	19.2	19.4	19.4	2.9	
	009	B	C	B	19.5	A	17.9	17.2	17.1	17.4	20.4	20.8	20.3	20.5	20.0	20.8	20.6	20.5	3.1	
	010	B	C	T	19.6	A	19.2	18.7	18.8	18.9	20.4	19.7	20.0	20.0	19.8	20.0	20.0	19.9	1.1	
	010	B	C	B	19.8	A	18.6	19.2	18.9	18.9	20.3	20.4	20.0	20.2	20.1	20.1	20.4	20.2	1.3	
JOLB324	011	B	C	T	19.5	A	19.0	19.1	18.5	18.9	19.9	20.3	20.2	20.1	19.6	19.6	18.9	19.4	1.2	
	011	B	C	B	20.1	A	18.6	18.8	19.5	19.0	20.9	20.7	20.5	20.7	20.6	20.9	20.5	20.7	1.7	
	012	B	C	T	19.7	A	18.9	18.8	19.6	19.1	20.4	20.6	20.3	20.4	19.2	19.6	20.1	19.6	1.3	
	012	B	C	B	20.4	A	19.5	19.0	19.4	19.3	21.1	20.7	20.8	20.9	20.7	21.4	21.0	21.0	1.7	
	013	B	C	T	20.1	A	20.0	19.4	18.9	19.4	20.6	20.3	20.0	20.3	20.3	20.6	20.5	20.5	1.1	
	013	B	C	B	19.9	A	18.9	18.3	18.8	18.7	20.6	20.7	20.6	20.6	20.5	20.5	20.5	20.5	1.9	
			*ALL		19.7															
*1 SAMPLING POSITION B:BASE METAL *2 LOCATION C:CROSS SECTION *3 SAMPLING LOCATION T:TOP B:BOTTOM *4 EACH																				
*5 AVERAGE *V. A. :VARIATION AVERAGE MAX. -MIN. * ALL:ALL AVG.																				

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NO. 071311W10

INSPECTION CERTIFICATE

CERTIFICATE NO. : WYK4362-02

PAGE : 4/7 DATE : 2010-12-24

TEMPERING TEMPERATURE

HEAT NO.	PRODUCT PCS. (PCS.)	HEAT LOT/NO.	SETTING TEMPERING TEMPERATURE (°C)
J0KB727	3	016	650
J0KB727	11	017	650
J0LB321	3	009	650
J0LB321	11	010	650
J0LB321	1	011	650
J0LB324	3	012	650
J0LB324	1	013	650
TOTAL	33		
REMARKS : TEMPERING TEMPERATURE CONTROL RANGE : SETTING TEMPERATURE $\pm$ -10°C			

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CERTIFICATE NO. :WYYK4362-02

PAGE : 5/7 DATE :2010-12-24

MOTHER PIPE WORK NO. :WCKK2344

HEAT TREATMENT:QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

		#1	C	Si	Mn	P	S	Cu	Cr	Ni	Mo	Al
						*2	*2					*2
SPEC. MIN.		R	-	-	-	-	-	-	-	-	-	-
MAX.		R	43	45	190	30	30	35	-	25	-	-
HEAT NO.												
JOK5262		L	26	29	84	10	4	2	112	3	31	25
		P	25	30	83	10	3	1	110	3	31	27
		P	25	30	83	10	3	1	110	3	31	26
JOL8006		L	25	26	83	9	4	2	113	2	32	37
		P	25	28	83	8	4	1	111	2	31	36
		P	25	28	82	8	4	1	111	2	31	37
JOL9188		L	25	32	82	11	4	2	110	3	31	42
		P	24	33	82	11	3	2	111	3	31	41
		P	24	33	82	11	3	2	111	3	31	42

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS *2:X1000 OTHER:X100

TENSILE TEST

		#1 #2	YS	TS	EL
			*3	*3	%
SPEC. MIN.	HEAT-	L B	P 80.0	P 95.0	15
MAX.	LOT NO.	L B	P 95.0	P -	-
HEAT NO.					
JOK5262	001	L B	P 86.0	P 106.5	27
	001	L B	P 89.5	P 109.2	27
JOL8006	002	L B	P 86.6	P 107.0	27
	002	L B	P 86.0	P 105.9	27
JOL9188	003	L B	P 88.3	P 108.1	28
	003	L B	P 85.7	P 107.0	26

TYPE OF SPECIMEN:ROUND BAR 0.5in. DIAMETER *1 SAMPLING DIRECTION L:LONGITUDINAL

*2 SAMPLING POSITION B:BASE METAL *3 UNIT P:ksi GAUGE LENGTH:2.0in. KIND OF YS:0.5% EXTENSION UNDER LOAD

IMPACT TEST (-10.0°C 2mm V-Notch 10X10)

		#1 #2	#3 #4	AVG	#3 #4	AVG
SPEC. MIN.	HEAT-	T B	E F	*5 13/19	S %	*6 -
MAX.	LOT NO.	T B	E F	-/-	S %	-
			[1] [2] [3]		[1] [2] [3]	
HEAT NO.						
JOK5262	001	T B	E F 151 161 151 154	S % 100	100 100 100	100
JOL8006	002	T B	E F 147 154 147 149	S % 100	100 100 100	100
JOL9188	003	T B	E F 156 159 161 159	S % 100	100 100 100	100

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PAGE : 6 / 7 DATE : 2010-12-24

[1] [2] [3] : SPECIMEN NO.

ABSORBED ENERGY *5: VALUE OF ONE PIECE/EACH VALUE OF TWO PIECES AVG: AVERAGE VALUE OF ONE SET (3 PIECES)

SHEAR AREA *6: VALUE OF ONE PIECE AVG: AVERAGE VALUE OF ONE SET (3 PIECES)

*1 SAMPLING DIRECTION T: TRANSVERSE *2 SAMPLING POSITION B: BASE METAL *3 E: ABSORBED ENERGY S: SHEAR AREA

*4 UNIT F: ft·lbf %: %

VISUAL & DIMENSIONS: ACCEPTABLE

MAGNETIC PARTICLE EXAMINATION: ACCEPTABLE

APPLICABLE STANDARD/REFERENCE STANDARD: API 5CT SEC. 9

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PAGE : 7/7 DATE : 2010-12-24

HARDNESS TEST (HRC)

		*1*2	*3	*4	*5														*V. A.
SPEC. MIN.		B C		-	-														-
MAX.		B C		-	23.0														-
				AVG.	OUTER WALL IMPRESSION NO.				MID WALL IMPRESSION NO.				INNER WALL IMPRESSION NO.						
HEAT NO.	HEAT-LOT NO.			QUAD	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.	(1)	(2)	(3)	AVG.			
				-RANT															
JOK5262	001	B C	T	18.8	A	18.9	19.0	18.7	18.9	18.8	18.8	19.0	18.9	18.7	18.6	18.4	18.6	0.3	
	001	B C	B	18.8	A	18.9	18.1	18.5	18.5	19.7	19.7	19.6	19.7	18.0	18.3	18.6	18.3	1.4	
JOL8006	002	B C	B	18.3	A	18.6	18.8	18.4	18.6	18.8	19.2	18.5	18.8	17.6	17.4	17.5	17.5	1.3	
	002	B C	T	17.7	A	19.0	18.5	18.8	18.8	18.3	18.2	17.7	18.1	16.5	16.2	16.3	16.3	2.5	
JOL9188	003	B C	T	19.3	A	19.3	19.0	19.1	19.1	19.2	18.9	19.3	19.1	20.0	19.6	19.3	19.6	0.5	
	003	B C	B	19.2	A	18.3	19.0	18.4	18.6	19.4	19.1	19.1	19.2	19.8	20.0	20.0	19.9	1.3	
		*ALL		18.7															
*1 SAMPLING POSITION B:BASE METAL *2 LOCATION C:CROSS SECTION *3 SAMPLING LOCATION T:TOP B:BOTTOM *4 EACH																			
*5 AVERAGE *V. A. :VARIATION AVERAGE MAX. -MIN. * ALL:ALL AVG.																			

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NO. 071311W10

ORIGINAL

PACKING LIST

SUMITOMO METAL INDUSTRIES, LTD.
WAKAYAMA STEEL WORKS

PROJECT NO. 6274

SHIPPER SUMITOMO CORPORATION

SHIPPER NO. 057KEB1825/2

SHIPPING MARK

DATE 2010.12.21

CUSTOMER ESSO NORGE A.S

EXXONMOBIL EUROPE
PAL3/CTP2

ORDER NO. 4500668542

4600009173 NORWAY-TANANGER
4500668542

DESTINATION NORWAY -TANANGER

P/NO
MADE IN JAPAN

DESCRIPTION SEAMLESS STEEL CASING / VAM TOP

PIPE END
CONDITION

SPEC. API 5CT GROUP2 GR.L80-TYPE 1 VAM

REMARKS1
REMARKS2NO. OF PACKAGE
NO. OF PIECESNOMINAL MASS
ACTUAL MASS529 PACKAGES
529 PIECESNET (LB)
MASS KGGROSS (LB)
MASS KGNET (LB)
MASS KGGROSS (LB)
MASS KG

TOTAL LENGTH

21.043.620'

510.729

514.432

503.068

506.771

P.NO. OF
PACKAGE MILL WORKNO.
/ PACKAGE PACKAGE NO. (FR-T0)

S I Z E

P'CS

TOTAL LENGTH(MULTIPLE)

NOMINAL MASS

ACTUAL MASS

529 WYK4362-000001
(1-529)

2DD9-5/8

7WT 53.50

F 38

40

529 F

21.043.620

1124.954
510.7291133.110
514.4321108.079
503.0681116.235
506.771
INSPECT: MA<P/S INDEX> B. BUNDLE L. LOOSE(PIECE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID<UNIT INDEX> 0. MILLI METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER(METRIC) F. FEET M. METER
1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER (INCH) S. NOMINAL WALL THICK(SCHEDULE)

W/NO.	S			U	LENGTH	B/NO OR P/NO	P'CS	LENGTH		ACTUAL MASS		STENCIL HEAT NO.	REMARKS
	U	OD OR ID	I					(T-TTL M-MAX)	U	NET	GROSS		
WYK43620000		2 OD 19-5/8	7 WT 53.50		38 40	P 00001	1 F	39.950L		2.112		JOLB324	013-F2941
						P 00002	1 F	39.950L		2.101		JOLB324	013-F2941
						P 00003	1 F	39.950L		2.099		JOLB324	013-F2939
						P 00004	1 F	38.730L		2.042		JOLB723	015-F2951
						P 00005	1 F	39.940L		2.097		JOLB324	013-F2939
						P 00006	1 F	38.730L		2.037		JOLB723	015-F2951
						P 00007	1 F	39.950L		2.101		JOLB727	016-F2953
						P 00008	1 F	39.950L		2.101		JOLB727	016-F2956
						P 00009	1 F	39.820L		2.103		JOLB727	016-F2958
						P 00010	1 F	39.950L		2.101		JOLB727	016-F2953
						P 00011	1 F	39.830L		2.101		JOLB727	016-F2958
						P 00012	1 F	39.950L		2.101		JOLB727	016-F2956
						P 00013	1 F	39.610L		2.090		JOLB727	016-F2960
						P 00014	1 F	39.620L		2.083		JOLB727	016-F2960
						P 00015	1 F	39.620L		2.092		JOLB727	016-F2962
						P 00016	1 F	39.830L		2.101		JOLB727	016-F2966
						P 00017	1 F	39.830L		2.090		JOLB727	016-F2962
						P 00018	1 F	39.950L		2.101		JOLB727	016-F2966
						P 00019	1 F	39.540L		2.088		JOLB727	016-F2964
						P 00020	1 F	39.740L		2.097		JOLB727	016-F2968
						P 00021	1 F	39.530L		2.086		JOLB727	016-F2964
						P 00022	1 F	39.900L		2.103		JOLB727	016-F2970
						P 00023	1 F	39.940L		2.101		JOLB727	016-F2974
						P 00024	1 F	39.740L		2.092		JOLB727	016-F2968
						P 00025	1 F	39.950L		2.097		JOLB321	009-F2784
						P 00026	1 F	39.950L		2.103		JOLB727	016-F2974
						P 00027	1 F	39.950L		2.105		JOLB321	009-F2786
						P 00028	1 F	39.940L		2.108		JOLB321	009-F2784
						P 00029	1 F	39.960L		2.105		JOLB321	009-F2786
						P 00030	1 F	39.950L		2.094		JOLB321	009-F2782
						P 00031	1 F	39.950L		2.105		JOLB321	009-F2772
						P 00032	1 F	39.950L		2.105		JOLB321	009-F2774
						P 00033	1 F	39.750L		2.097		JOLB321	009-F2783
						P 00034	1 F	39.950L		2.105		JOLB321	009-F2772
						P 00035	1 F	39.750L		2.092		JOLB321	009-F2783
						P 00036	1 F	39.960L		2.090		JOLB321	009-F2766
						P 00037	1 F	39.950L		2.092		JOLB321	009-F2782
						P 00038	1 F	39.950L		2.105		JOLB321	009-F2774
						P 00039	1 F	39.950L		2.105		JOLB324	012-F2921

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
 C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S			U	LENGTH	B/NO OR P/NO	P'CS	LENGTH		ACTUAL		STENCIL HEAT NO.	REMARKS
	U	OD	OR ID					U	(T-TTL M-MAX)	U	NET	GROSS	
WYKK43620000		2	OD	9-5/8	7 WT 53.50								
					38								
					40								
						P 00040	1	F	39.950L		2.099		JOLB321 009-F2768
						P 00041	1	F	39.660L		2.081		JOLB324 012-F2919
						P 00042	1	F	39.960L		2.103		JOLB321 009-F2770
						P 00043	1	F	39.950L		2.101		JOLB324 012-F2921
						P 00044	1	F	39.950L		2.103		JOLB321 009-F2770
						P 00045	1	F	39.950L		2.103		JOLB324 013-F2927
						P 00046	1	F	38.680L		2.033		JOLB324 012-F2923
						P 00047	1	F	39.710L		2.086		JOLB324 013-F2931
						P 00048	1	F	39.950L		2.101		JOLB324 013-F2929
						P 00049	1	F	39.960L		2.099		JOLB324 013-F2927
						P 00050	1	F	39.950L		2.099		JOLB324 013-F2929
						P 00051	1	F	39.950L		2.099		JOLB324 013-F2925
						P 00052	1	F	39.920L		2.101		JOLB324 013-F2935
						P 00053	1	F	38.670L		2.042		JOLB324 012-F2923
						P 00054	1	F	39.700L		2.086		JOLB324 013-F2931
						P 00055	1	F	39.920L		2.101		JOLB324 013-F2933
						P 00056	1	F	39.950L		2.092		JOLB324 012-F2918
						P 00057	1	F	39.910L		2.099		JOLB324 013-F2935
						P 00058	1	F	39.950L		2.099		JOLB324 013-F2937
						P 00059	1	F	39.910L		2.103		JOLB324 013-F2933
						P 00060	1	F	39.950L		2.099		JOLB324 013-F2937
						P 00061	1	F	39.900L		2.103		JOLB324 012-F2920
						P 00062	1	F	39.950L		2.099		JOLB324 013-F2926
						P 00063	1	F	39.940L		2.101		JOLB324 013-F2930
						P 00064	1	F	39.960L		2.105		JOLB324 013-F2926
						P 00065	1	F	39.940L		2.090		JOLB324 013-F2928
						P 00066	1	F	39.940L		2.094		JOLB324 013-F2930
						P 00067	1	F	39.950L		2.099		JOLB324 013-F2930
						P 00068	1	F	38.740L		2.039		JOLB324 013-F2924
						P 00069	1	F	39.820L		2.090		JOLB727 017-F3032
						P 00070	1	F	39.850L		2.105		JOLB324 013-F2932
						P 00071	1	F	39.820L		2.094		JOLB727 017-F3032
						P 00072	1	F	39.950L		2.103		JOLB727 017-F3035
						P 00073	1	F	39.960L		2.101		JOLB727 017-F3033
						P 00074	1	F	39.780L		2.092		JOLB727 017-F3036
						P 00075	1	F	39.650L		2.086		JOLB727 017-F3034
						P 00076	1	F	39.660L		2.081		JOLB727 017-F3034
						P 00077	1	F	39.160L		2.066		JOLB727 017-F3020
						P 00078	1	F	39.940L		2.101		JOLB727 017-F3035

(P/S INDEX) B. BUNDLE L. LOOSE(PIECE) (UNIT INDEX) 0. MILL. METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS(SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S			U	I	Z	E	U	B/NO OR P/NO	P/CS	LENGTH		U	ACTUAL		STENCIL HEAT NO.	REMARKS
	U	OD	OR ID		ID	OR WT					(T:TTL	M:MAX)		NET	GROSS		
WYK43620000		2	OD		9-5/8	7	WT	53.50				38	40				
									P	00079	I	F	39.930L		2.103	JOKB727	016-F2994
									P	00080	I	F	39.600L		2.079	JOLB321	011-F2873
									P	00081	I	F	39.950L		2.101	JOKB727	016-F2995
									P	00082	I	F	39.940L		2.112	JOLB321	011-F2871
									P	00083	I	F	39.940L		2.094	JOKB727	016-F2990
									P	00084	I	F	39.950L		2.110	JOLB321	011-F2868
									P	00085	I	F	39.600L		2.097	JOLB321	011-F2873
									P	00086	I	F	39.950L		2.103	JOLB321	011-F2871
									P	00087	I	F	39.940L		2.092	JOKB727	016-F2990
									P	00088	I	F	39.940L		2.108	JOKB727	016-F2997
									P	00089	I	F	39.610L		2.086	JOKB727	017-F3004
									P	00090	I	F	39.950L		2.110	JOKB727	016-F2997
									P	00091	I	F	39.630L		2.088	JOKB727	017-F3004
									P	00092	I	F	39.940L		2.099	JOKB727	016-F2996
									P	00093	I	F	39.940L		2.103	JOKB685	014-F2949
									P	00094	I	F	39.950L		2.103	JOKB727	017-F3003
									P	00095	I	F	39.950L		2.105	JOKB685	014-F2949
									P	00096	I	F	39.940L		2.099	JOKB727	016-F2996
									P	00097	I	F	39.920L		2.092	JOLB324	013-F2947
									P	00098	I	F	39.750L		2.090	JOKB727	017-F3005
									P	00099	I	F	39.930L		2.097	JOLB324	013-F2947
									P	00100	I	F	39.870L		2.103	JOKB727	017-F3006
									P	00101	I	F	39.940L		2.097	JOKB727	016-F2995
									P	00102	I	F	39.860L		2.103	JOKB727	017-F3006
									P	00103	I	F	39.950L		2.092	JOKB727	016-F2984
									P	00104	I	F	39.950L		2.103	JOKB727	016-F2984
									P	00105	I	F	39.940L		2.103	JOKB727	017-F3007
									P	00106	I	F	39.950L		2.110	JOKB727	016-F2985
									P	00107	I	F	39.750L		2.090	JOKB727	017-F3005
									P	00108	I	F	39.940L		2.114	JOKB727	016-F2985
									P	00109	I	F	39.940L		2.108	JOKB727	017-F3007
									P	00110	I	F	39.900L		2.097	JOKB727	017-F3008
									P	00111	I	F	39.580L		2.077	JOKB727	016-F2981
									P	00112	I	F	39.950L		2.103	JOKB727	016-F2979
									P	00113	I	F	39.940L		2.099	JOKB727	016-F2979
									P	00114	I	F	39.940L		2.099	JOKB727	016-F2973
									P	00115	I	F	39.590L		2.079	JOKB727	016-F2981
									P	00116	I	F	39.950L		2.103	JOKB727	016-F2971
									P	00117	I	F	39.910L		2.103	JOKB727	016-F2980

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL. METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

[illegible]

[illegible]

[illegible]

W / NO.	S		I	Z	E	LENGTH	B/NO OR P/NO	P'CS	LENGTH		ACTUAL MASS		STENCIL HEAT NO.	REMARKS
	U	OD OR ID							U	ID OR WT	U	(T-TTL M-MAX)		
WYK43620000		2.0D	9-5/8		7	WT 53.50		38 40					JOLB321	010-F2819
							P	00274	I	F	39.940L	2.112	JOLB321	010-F2815
							P	00275	I	F	39.940L	2.097	JOLB321	010-F2818
							P	00276	I	F	39.940L	2.105	JOLB321	010-F2816
							P	00277	I	F	39.950L	2.097	JOLB321	010-F2816
							P	00278	I	F	39.950L	2.108	JOLB321	010-F2816
							P	00279	I	F	39.950L	2.094	JOLB321	010-F2814
							P	00280	I	F	39.930L	2.101	JOLB321	010-F2815
							P	00281	I	F	39.940L	2.101	JOLB321	010-F2814
							P	00282	I	F	39.940L	2.083	JOL5490	007-71243
							P	00283	I	F	39.940L	2.108	JOLB321	010-F2812
							P	00284	I	F	39.640L	2.088	JOLB321	009-F2769
							P	00285	I	F	39.620L	2.090	JOLB321	009-F2769
							P	00286	I	F	39.940L	2.105	JOLB321	009-F2767
							P	00287	I	F	39.660L	2.088	JOLB321	009-F2771
							P	00288	I	F	39.940L	2.101	JOLB321	009-F2773
							P	00289	I	F	39.940L	2.103	JOLB321	009-F2773
							P	00290	I	F	39.940L	2.101	JOLB321	009-F2767
							P	00291	I	F	39.940L	2.103	JOLB321	009-F2765
							P	00292	I	F	39.650L	2.090	JOLB321	009-F2771
							P	00293	I	F	39.940L	2.101	JOLB321	009-F2765
							P	00294	I	F	39.950L	2.099	JOLB324	012-F2915
							P	00295	I	F	39.960L	2.094	JOLB324	012-F2913
							P	00296	I	F	39.940L	2.103	JOLB321	010-F2850
							P	00297	I	F	39.950L	2.097	JOLB321	011-F2852
							P	00298	I	F	39.940L	2.108	JOLB321	010-F2848
							P	00299	I	F	39.940L	2.103	JOLB324	012-F2915
							P	00300	I	F	39.900L	2.108	JOLB324	012-F2896
							P	00301	I	F	39.540L	2.077	JOKB727	016-F2963
							P	00302	I	F	39.540L	2.070	JOKB727	016-F2963
							P	00303	I	F	39.580L	2.081	JOLB324	012-F2907
							P	00304	I	F	39.120L	2.061	JOKB727	016-F2965
							P	00305	I	F	39.960L	2.099	JOLB324	012-F2905
							P	00306	I	F	39.940L	2.099	JOLB324	012-F2918
							P	00307	I	F	39.940L	2.101	JOLB324	012-F2909
							P	00308	I	F	39.580L	2.083	JOLB324	012-F2907
							P	00309	I	F	39.000L	2.053	JOLB324	012-F2911
							P	00310	I	F	39.960L	2.103	JOLB324	012-F2909
							P	00311	I	F	39.940L	2.105	JOLB324	012-F2894
							P	00312	I	F	39.940L	2.101	JOLB324	012-F2913
(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL. METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE) C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER														

W/N.O.	U: OD	OR	ID	S	I	Z	E	U: LENGTH	B/NO OR P/NO	P'CS	U: LENGTH (T:TTL M:MAX)	U: NET	ACTUAL MASS	GROSS	STENCIL HEAT NO.	REMARKS
WYK43620000	2	OD	9-5/8	7	WT	53.50		38 140	P 00313	1	39.450L		2.070		JOLB324	012-F2892
									P 00314	1	38.990L		2.053		JOLB324	012-F2911
									P 00315	1	39.540L		2.086		JOLB324	012-F2889
									P 00316	1	39.950L		2.101		JOLB324	012-F2894
									P 00317	1	39.450L		2.070		JOLB324	012-F2892
									P 00318	1	39.940L		2.101		JOLB321	011-F2856
									P 00319	1	38.140L		2.042		JOK7251	002-95182
									P 00320	1	39.430L		2.079		JOLB321	011-F2866
									P 00321	1	39.100L		2.057		JOK7249	001-95156
									P 00322	1	38.980L		2.050		JOLB321	011-F2857
									P 00323	1	38.490L		2.039		JOK7251	002-95174
									P 00324	1	37.140L		1.942		JOK7251	003-95212
									P 00325	1	39.950L		2.097		JOLB321	010-F2830
									P 00326	1	39.940L		2.108		JOLB321	010-F2829
									P 00327	1	39.940L		2.094		JOLB321	010-F2836
									P 00328	1	39.950L		2.090		JOLB321	010-F2829
									P 00329	1	39.940L		2.105		JOLB321	010-F2828
									P 00330	1	39.130L		2.070		JOLB321	010-F2834
									P 00331	1	39.130L		2.061		JOLB321	010-F2834
									P 00332	1	39.950L		2.103		JOLB321	010-F2830
									P 00333	1	39.940L		2.105		JOLB321	010-F2823
									P 00334	1	39.950L		2.099		JOLB321	010-F2822
									P 00335	1	39.940L		2.097		JOLB321	010-F2828
									P 00336	1	39.940L		2.103		JOLB321	010-F2821
									P 00337	1	39.950L		2.099		JOLB321	010-F2825
									P 00338	1	39.960L		2.101		JOLB321	010-F2821
									P 00339	1	39.940L		2.105		JOLB321	010-F2824
									P 00340	1	39.440L		2.075		JOLB321	010-F2849
									P 00341	1	39.940L		2.108		JOLB321	010-F2824
									P 00342	1	39.950L		2.105		JOLB324	013-F2945
									P 00343	1	39.950L		2.108		JOLB324	013-F2943
									P 00344	1	39.930L		2.101		JOKB727	016-F2986
									P 00345	1	39.940L		2.105		JOLB321	009-F2799
									P 00346	1	39.940L		2.105		JOLB324	013-F2945
									P 00347	1	39.950L		2.105		JOLB324	013-F2943
									P 00348	1	39.940L		2.099		JOLB321	010-F2847
									P 00349	1	39.940L		2.105		JOKB727	016-F2986
									P 00350	1	39.310L		2.079		JOLB321	011-F2851
									P 00351	1	39.940L		2.112		JOLB321	010-F2847

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S			I	Z	E	U: LENGTH	B/NO OR P/NO	P'CS	LENGTH		ACTUAL		STENCIL HEAT NO.	REMARKS
	U: OD OR ID	U: ID OR WT	U: WT							U: (T:TTL M:MAX)	U: NET	MASS GROSS			
WYK43620000	2 OD 9-5/8	7 WT 53.50					38 40	P 00352 P 00353 P 00354 P 00355 P 00356 P 00357 P 00358 P 00359 P 00360 P 00361 P 00362 P 00363 P 00364 P 00365 P 00366 P 00367 P 00368 P 00369 P 00370 P 00371 P 00372 P 00373 P 00374 P 00375 P 00376 P 00377 P 00378 P 00379 P 00380 P 00381 P 00382 P 00383 P 00384 P 00385 P 00386 P 00387 P 00388 P 00389 P 00390	1 1						

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S		I	Z	E	B/NO OR P/NO	P/CS	LENGTH		ACTUAL MASS		STENCIL HEAT NO.	REMARKS
	U: OD	OR ID	U: ID	OR WT				U: LENGTH	(T:TTL M:MAX)	U: NET	GROSS		
WYK43620000	2	OD 9-5/8	7	WT 53.50				38					
								140					
						P 00391	1	F	39.950L		2.108	JOLB321	009-F2796
						P 00392	1	F	39.210L		2.070	JOLB321	009-F2764
						P 00393	1	F	39.160L		2.061	JOLB321	009-F2800
						P 00394	1	F	38.010L		2.004	JOLB321	009-F2760
						P 00395	1	F	39.950L		2.103	JOLB321	009-F2796
						P 00396	1	F	39.950L		2.105	JOLB321	009-F2766
						P 00397	1	F	39.200L		2.061	JOLB321	009-F2764
						P 00398	1	F	39.640L		2.083	JOLB321	009-F2794
						P 00399	1	F	39.950L		2.101	JOLB321	009-F2795
						P 00400	1	F	39.950L		2.101	JOLB324	012-F2891
						P 00401	1	F	39.630L		2.086	JOLB321	009-F2794
						P 00402	1	F	39.950L		2.099	JOLB324	012-F2891
						P 00403	1	F	39.950L		2.103	JOLB321	009-F2795
						P 00404	1	F	39.950L		2.101	JOLB324	012-F2890
						P 00405	1	F	39.950L		2.097	JOLB321	009-F2793
						P 00406	1	F	39.870L		2.097	JOLB324	012-F2888
						P 00407	1	F	39.940L		2.101	JOLB324	012-F2886
						P 00408	1	F	39.860L		2.103	JOLB324	012-F2888
						P 00409	1	F	39.950L		2.099	JOLB324	012-F2882
						P 00410	1	F	39.970L		2.103	JOLB321	009-F2791
						P 00411	1	F	39.940L		2.105	JOLB324	012-F2886
						P 00412	1	F	39.940L		2.112	JOLB321	009-F2793
						P 00413	1	F	39.940L		2.090	JOLB321	009-F2797
						P 00414	1	F	39.940L		2.103	JOLB321	009-F2791
						P 00415	1	F	39.940L		2.105	JOLB321	009-F2787
						P 00416	1	F	39.940L		2.110	JOLB321	009-F2789
						P 00417	1	F	39.940L		2.105	JOLB321	009-F2785
						P 00418	1	F	39.940L		2.101	JOLB321	009-F2789
						P 00419	1	F	39.950L		2.105	JOLB321	009-F2785
						P 00420	1	F	39.400L		2.083	JOLB321	010-F2842
						P 00421	1	F	39.630L		2.086	JOLB321	009-F2779
						P 00422	1	F	39.940L		2.101	JOLB321	010-F2846
						P 00423	1	F	39.630L		2.081	JOLB321	009-F2779
						P 00424	1	F	39.940L		2.101	JOLB321	010-F2842
						P 00425	1	F	39.940L		2.112	JOLB321	010-F2844
						P 00426	1	F	39.950L		2.105	JOLB321	010-F2840
						P 00427	1	F	39.950L		2.105	JOLB321	010-F2846
						P 00428	1	F	39.940L		2.105	JOLB321	010-F2840
						P 00429	1	F	39.940L		2.101	JOLB321	010-F2844

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) O. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S		I	Z	E	U/ LENGTH	B/NO OR P/NO	P/CS	LENGTH		ACTUAL MASS		STENCIL HEAT NO.	REMARKS
	U/ OD OR ID	U/ ID OR WT							U/ (T:TTL M:MAX)	U/ NET	GROSS			
WYK43620000	2.0D	9-5/8	7	WT	53.50	140	P 00430	1	F	39.950L	2.103		J0LB324	013-F2944
							P 00431	1	F	39.580L	2.083		J0LB324	013-F2942
							P 00432	1	F	39.590L	2.088		J0LB324	013-F2940
							P 00433	1	F	39.580L	2.083		J0LB324	013-F2940
							P 00434	1	F	39.950L	2.101		J0LB324	013-F2944
							P 00435	1	F	39.950L	2.101		J0LB324	013-F2938
							P 00436	1	F	39.570L	2.090		J0LB324	013-F2942
							P 00437	1	F	39.950L	2.101		J0LB324	013-F2936
							P 00438	1	F	39.940L	2.101		J0LB324	013-F2938
							P 00439	1	F	39.940L	2.110		J0KB727	016-F2983
							P 00440	1	F	38.550L	2.028		J0LB324	013-F2934
							P 00441	1	F	39.950L	2.105		J0KB727	016-F2983
							P 00442	1	F	39.580L	2.086		J0LB324	013-F2934
							P 00443	1	F	39.940L	2.108		J0KB727	016-F2982
							P 00444	1	F	39.950L	2.123		J0KB727	016-F2982
							P 00445	1	F	39.860L	2.099		J0LB324	013-F2932
							P 00446	1	F	39.940L	2.119		J0KB727	016-F2976
							P 00447	1	F	39.950L	2.128		J0KB727	016-F2976
							P 00448	1	F	39.940L	2.101		J0KB727	016-F2988
							P 00449	1	F	39.940L	2.103		J0KB727	016-F2977
							P 00450	1	F	39.950L	2.105		J0KB727	016-F2977
							P 00451	1	F	39.940L	2.092		J0KB727	016-F2978
							P 00452	1	F	39.950L	2.092		J0KB727	016-F2988
							P 00453	1	F	39.950L	2.105		J0KB727	016-F2978
							P 00454	1	F	39.950L	2.097		J0KB727	017-F3027
							P 00455	1	F	39.950L	2.101		J0KB727	017-F3027
							P 00456	1	F	39.950L	2.105		J0KB727	016-F2975
							P 00457	1	F	39.950L	2.103		J0KB727	017-F3028
							P 00458	1	F	39.830L	2.099		J0KB727	016-F2959
							P 00459	1	F	39.720L	2.083		J0KB727	017-F3026
							P 00460	1	F	39.820L	2.092		J0KB727	016-F2957
							P 00461	1	F	39.820L	2.092		J0KB727	016-F2957
							P 00462	1	F	39.650L	2.092		J0KB727	016-F2961
							P 00463	1	F	39.430L	2.075		J0LB324	013-F2936
							P 00464	1	F	39.960L	2.101		J0KB727	017-F3011
							P 00465	1	F	39.950L	2.105		J0KB727	016-F2955
							P 00466	1	F	39.700L	2.094		J0KB727	016-F2961
							P 00467	1	F	39.950L	2.105		J0KB727	016-F2955
							P 00468	1	F	39.820L	2.108		J0KB727	016-F2959
(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE) C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER														

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE) C. CASE T. PACKAGE R. GRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.	S			I	Z	E	U: LENGTH	B/NO OR P/NO	P*CS	LENGTH		ACTUAL		STENCIL	REMARKS
	U: OD	OR	ID	U: ID	OR	WT				U: (T:TTL	M:MAX)	U: NET	GROSS	HEAT NO.	
WYK43620000	2.00	9-5/8		7	WT	53.50	140	P 00469	1	F	39.950L		2.094	JOKB727	016-F2954
								P 00470	1	F	38.660L		2.042	JOKB727	016-F2952
								P 00471	1	F	39.940L		2.099	JOKB727	016-F2954
								P 00472	1	F	39.430L		2.077	JOKB685	014-F2948
								P 00473	1	F	39.560L		2.092	JOKB685	014-F2950
								P 00474	1	F	39.430L		2.079	JOKB685	014-F2948
								P 00475	1	F	38.670L		2.042	JOKB727	016-F2952
								P 00476	1	F	39.570L		2.083	JOKB685	014-F2950
								P 00477	1	F	39.940L		2.103	JOLB324	013-F2946
								P 00478	1	F	39.950L		2.105	JOKB727	016-F2991
								P 00479	1	F	39.950L		2.103	JOKB727	016-F2991
								P 00480	1	F	39.950L		2.101	JOLB324	012-F2912
								P 00481	1	F	39.950L		2.099	JOKB727	016-F2987
								P 00482	1	F	39.900L		2.101	JOLB324	012-F2914
								P 00483	1	F	39.780L		2.083	JOLB324	012-F2910
								P 00484	1	F	39.940L		2.099	JOKB727	016-F2987
								P 00485	1	F	39.780L		2.088	JOLB324	012-F2910
								P 00486	1	F	39.950L		2.103	JOKB727	016-F2992
								P 00487	1	F	39.650L		2.079	JOLB324	012-F2919
								P 00488	1	F	39.950L		2.105	JOKB727	016-F2992
								P 00489	1	F	39.910L		2.110	JOLB324	012-F2914
								P 00490	1	F	39.950L		2.105	JOLB324	012-F2917
								P 00491	1	F	39.940L		2.108	JOKB727	016-F2993
								P 00492	1	F	39.950L		2.105	JOLB324	012-F2917
								P 00493	1	F	39.940L		2.099	JOKB727	016-F2993
								P 00494	1	F	38.530L		2.031	JOLB324	012-F2895
								P 00495	1	F	39.940L		2.108	JOLB324	012-F2908
								P 00496	1	F	39.320L		2.066	JOLB324	012-F2906
								P 00497	1	F	39.940L		2.108	JOLB324	012-F2908
								P 00498	1	F	39.940L		2.099	JOLB324	012-F2902
								P 00499	1	F	39.780L		2.081	JOLB324	012-F2904
								P 00500	1	F	39.320L		2.072	JOLB324	012-F2906
								P 00501	1	F	39.780L		2.092	JOLB324	012-F2904
								P 00502	1	F	38.620L		2.035	JOKB727	016-F3001
								P 00503	1	F	39.870L		2.099	JOKB727	016-F3000
								P 00504	1	F	39.950L		2.099	JOLB324	012-F2902
								P 00505	1	F	39.950L		2.090	JOKB727	017-F3011
								P 00506	1	F	38.630L		2.039	JOKB727	016-F3001
								P 00507	1	F	39.940L		2.105	JOKB727	017-F3009

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)
C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

[illegible]

RANDOM LENGTH DETAILS

W/NO.	S			I		Z		E		B/NO OR P/NO	P'CS	LENGTH		NET	GROSS
	U: OD	OR	ID	U: ID	OR	WT		U: LENGTH				U: (T:TTL	M:MAX)		
WYK4362	2	OD	9-5/8	7	WT	53.50		38							
								140							
								39.970			1		39.970		
								39.960			20		799.200		
								39.950			152		6.072.400		
								39.940			153		6.110.820		
								39.930			8		319.440		
								39.920			4		159.680		
								39.910			11		439.010		
								39.900			8		319.200		
								39.870			6		239.220		
								39.860			4		159.440		
								39.850			2		79.700		
								39.830			6		238.980		
								39.820			6		238.920		
								39.790			3		119.370		
								39.780			9		358.020		
								39.750			9		357.750		
								39.740			6		238.440		
								39.720			1		39.720		
								39.710			2		79.420		
								39.700			4		158.800		
								39.660			4		158.640		
								39.650			5		198.250		
								39.640			5		198.200		
								39.630			4		158.520		
								39.620			6		237.720		
								39.610			3		118.830		
								39.600			2		79.200		
								39.590			2		79.180		
								39.580			6		237.480		
								39.570			2		79.140		
								39.560			1		39.560		
								39.550			1		39.550		
								39.540			4		158.160		
								39.530			3		118.590		
								39.450			3		118.350		
								39.440			2		78.880		
								39.430			6		236.580		
								39.410			1		39.410		
								39.400			1		39.400		

(P/S INDEX) B. BUNDLE L. LOOSE(PIECE) (UNIT INDEX) O. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS(SCHEDULE)
 C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

W/NO.

W/NO.	RANDOM LENGTH DETAILS														
	U	OD OR ID	S	I	Z	E	U	LENGTH	B/NO OR P/NO	P'CS	U	LENGTH	U	NET	GROSS
								39.370		1		39.370			
								39.360		1		39.360			
								39.320		5		196.600			
								39.310		2		78.620			
								39.240		1		39.240			
								39.210		2		78.420			
								39.200		3		117.600			
								39.170		1		39.170			
								39.160		3		117.480			
								39.150		1		39.150			
								39.140		1		39.140			
								39.130		3		117.390			
								39.120		1		39.120			
								39.100		2		78.200			
								39.050		1		39.050			
								39.000		1		39.000			
								38.990		1		38.990			
								38.980		2		77.960			
								38.900		1		38.900			
								38.820		1		38.820			
								38.810		1		38.810			
								38.740		2		77.480			
								38.730		2		77.460			
								38.680		1		38.680			
								38.670		2		77.340			
								38.660		1		38.660			
								38.630		1		38.630			
								38.620		1		38.620			
								38.550		1		38.550			
								38.530		1		38.530			
								38.490		1		38.490			
								38.190		1		38.190			
								38.170		1		38.170			
								38.140		1		38.140			
								38.010		1		38.010			
								37.140		1		37.140			
								TOTAL		529		21,043.620			

(P/S INDEX) B. BUNDLE L. LOOSE(PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS(SCHEDULE)

C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

HEAT NO DETAILS

[illegible]

ORIGINAL

PACKING LIST

SUMITOMO METAL INDUSTRIES, LTD.
WAKAYAMA STEEL WORKS

DATE 2010.12.22

SHIPPING MARK

EXXONMOBIL EUROPE
PAL3/CTP2
4600009173 NORWAY-TANANGER
4500668542
P/NO
MADE IN JAPAN

[illegible]

[illegible]

W/NO.	RANDOM LENGTH DETAILS					
	U: OD OR ID	S	I	Z	E	
	U: ID OR WT	U: ID OR WT	U: LENGTH	B/NO OR P/CS	U: LENGTH (T:TTL M:MAX)	U: NET
WYK4362	2: OD 9-5/8	7: WT 53.50	138 140			
			39.970	1	39.970	
			39.960	15	599.400	
			39.950	7	279.650	
			39.920	2	79.840	
			39.870	1	39.870	
			39.790	1	39.790	
			39.650	1	39.650	
			39.640	1	39.640	
			39.430	2	78.860	
			39.420	1	39.420	
			39.250	1	39.250	
		TOTAL		33	1,315.340	

(P/S INDEX) B. BUNDLE L. LOOSE (PIECE) (UNIT INDEX) 0. MILL METER 2. FRACTIONAL INCH 4. FEET FRACTIONAL INCH 8. KG/M A. NOMINAL DIAMETER BY METRIC SYSTEM S. NOMINAL WALL THICKNESS (SCHEDULE)

C. CASE T. PACKAGE R. CRATE A. CARTON S. SKID 1. DECIMAL INCH 3. FEET-DECIMAL INCH 5. GAGE 7. LBS/FEET 9. ETC B. NOMINAL DIAMETER BY INCH SYSTEM F. FEET M. METER

HEAT	NO DETAILS
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[illegible]

1-1007-0321191

Japan CCI Ref. No. 1701-C
TOPPANFORMS 1-7-3 HIGASHISHINBASHI, MINATO-KU, TOKYO, JAPAN

1. Exporter (Name, address, country)
SUMITOMO CORPORATION
8-11, HARUMI 1-CHOME, CHUO-KU
TOKYO 104-8610, JAPAN

CERTIFICATE OF ORIGIN

issued by
The Tokyo Chamber of Commerce & Industry
Tokyo, Japan

2. Consignee (Name, address, country)
EXXONMOBIL EXPLORATION AND PRODUCTION
NORWAY AS C/O SUMITOMO CORPORATION
EUROPE, OSLO BRANCH, TANANGER OFFICE
ENERGIVEIEN 1, 4056 TANANGER NORWAY
OPERATOR PHONE NR. AT TANANGER: 0047 51
69 52 00

* Print ORIGINAL or COPY

ORIGINAL

3. No. and date of Invoice
KEBE-10-1825/01
DECEMBER 24, 2010

4. Country of Origin
JAPAN

5. Transport details
FROM WAKAYAMA, JAPAN
TO TANANGER, NORWAY VIA FLUSHING
BY LOVELAND ISLAND
ON OR ABOUT DECEMBER 31, 2010

6. Remarks
CONTRACT NO. : 4500668542
NAME OF MANUFACTURER :
SUMITOMO METAL INDUSTRIES, LTD.
END USER: EXXONMOBIL EXPLORATION AND PRODUCTION
NORWAY AS **STAVANGER, NORWAY**

7. Marks, numbers, number and kind of packages; description of goods
EXXONMOBIL EUROPE
PAL3/CTP2
4600009173 NORWAY-TANANGER
4500668542
PACKAGE NO. 1-21, 1-91, 1-253, 1-562
MADE IN JAPAN

SEAMLESS STEEL OCTG 8. Quantity

TOTAL : 931 P' KGS 61,503.82 FT
===== 110.00 PCS
=====

EXXONMOBIL EUROPE
PAL3/CTP2
4600009173 NORWAY-TANANGER
4500668542
SIZE
SPEC
VAM TOP
VAN TOP HC
WORK NO.
PACKAGE NO. 1,1,1,1
MADE IN JAPAN

9. Declaration by the Exporter

The undersigned, as an authorized signatory, hereby declares that the above-mentioned goods were produced or manufactured in the country shown in box 4.

DECEMBER 24, 2010

Place and Date: Tokyo

(Signature)

(Name)

RYOSUKE TANAKA

10. Certification

The undersigned hereby certifies, on the basis of relative invoice and other supporting documents, that the above-mentioned goods originate in the country shown in box 4 to the best of its knowledge and belief.



The Tokyo Chamber of Commerce & Industry

Takeshi Matsumoto

DEC. 28, 2010

(No., Date, Signature and Stamp of Certifying Authority)

Certificate No.