01 / STOCK SCHEDULE

Available inventory

Storage location: Safwan District, Basra, Iraq

Ref.	OD (in.)	Grade	Weight (lb/ft)	Connection	Brand	Joints	Listed length (m)
C01	20	K55	94	BTC	Sumitomo	8	104
C02	13 3/8	K55	54.5	BTC	Sumitomo	55	715
C03	9 5/8	L80	47	VAM TOP	Sumitomo	542	7,046
C04	9 5/8	K55	36	BTC	Tenaris	31	403
C05	7	L80	29	VAM TOP	Sumitomo	1,229	15,977
C06	7	N80	29	BTC	Tenaris	30	390
T01	3 1/2	L80	9.2	VAM TOP	Sumitomo	2,268	29,484
T02	3 1/2	L80	9.2	VAGT	Tenaris	145	1,885

Casing: 1,895 joints | 24,635 m listed
Tubing: 2,413 joints | 31,369 m listed
Total: 4,308 joints | 56,004 m listed

Stock location: All listed materials are available in company storage facilities inside Iraq.

Product range: Casing and tubing in K55, L80 and N80 grades, with BTC, VAM TOP and VAGT connections as listed above. Length basis: all listed lengths equal the joint count multiplied by 13 m. These are calculated inventory figures, not a verified pipe tally. Confirm actual lengths before quotation or sale, particularly for tubing described as Range 2 in the source records.

02 / TECHNICAL INFORMATION

Product identification & documentation

Casing & tubing scope

The inventory includes K55, L80 and N80 grades, with nominal weights from 9.2 to 94 lb/ft. C01-C06 identify casing items; T01-T02 identify tubing items.

Sumitomo supply records

The source pack includes a Japan certificate of origin, shipping records, packing lists and Nippon Steel & Sumitomo Metal inspection certificates. Sumitomo is identified as shipper/supplier; manufacturer identity is shown separately in the mill records.

Construction & length range

The original packing list describes the 20 in. casing as ERW; the listed 13 3/8, 9 5/8 and 7 in. Sumitomo casing and 3 1/2 in. tubing are described as seamless. It identifies R3 casing and R2 tubing.

Standard & certificate scope

The original mill certificates state API 5CT and document chemical composition, mechanical properties and factory inspection results for the lots identified in each certificate. Selected original sheets are included in this profile.

Brands & supporting information

The stock schedule includes Sumitomo and Tenaris products. The Sumitomo source documentation includes shipping and mill records dated January-February 2016. Tenaris items are presented with their grades, nominal weights, connections and quantities in the inventory table.

Inspection scope: photographs illustrate field activities only and do not establish acceptance, remaining wall thickness or fitness for service. Final condition, quantities, connection identification and certificate-to-stock traceability are subject to physical inspection and document verification.

03 / YARD PHOTOGRAPHS



Tubular stock with protective end caps - general yard view.

General view of tubular stock at the company storage facilities in Iraq.



03 / YARD PHOTOGRAPHS - CONTINUED



Tubular stock - overall storage arrangement.

General view of tubular stock at the company storage facilities in Iraq.

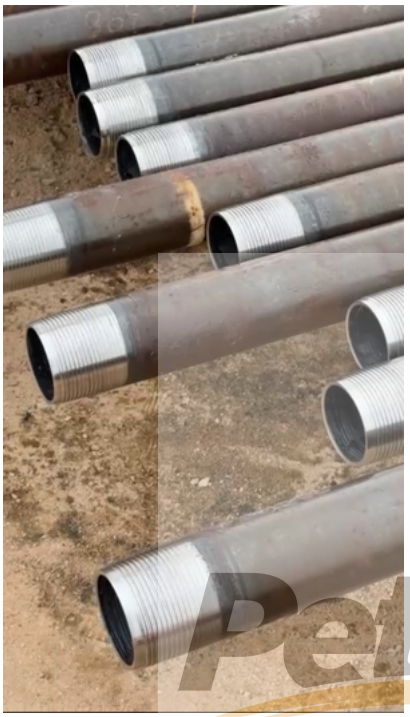


Stacked tubulars - front view of the stored stock.

04 / CONNECTION DETAILS

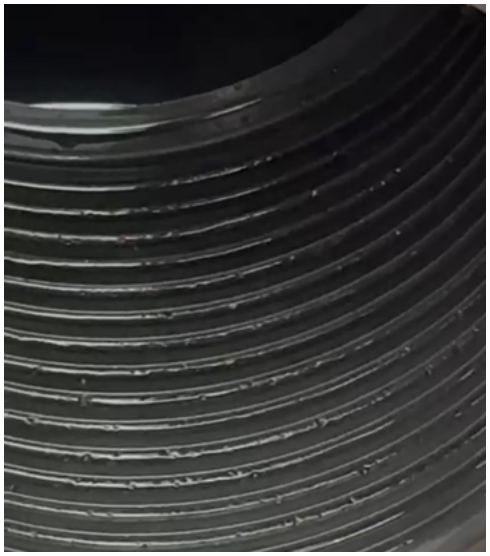
Threads & couplings

Selected photographs of external threads, internal coupling threads and pipe ends.





External threaded ends



Internal coupling threads



Detailed views of the threaded ends and couplings of the stored tubular materials.

05 / FIELD INSPECTION

Inspection activities

Photographic record of field checks and connection examination.





Ultrasonic wall-thickness measurement

The photographs document field wall-thickness measurements using a handheld ultrasonic thickness gauge on tubular materials at the company storage facilities.

Connection examination

The photographic record also includes examination of threaded ends and couplings. Together with the stock photographs and original mill records, these images provide a clear overview of the materials and the documented inspection activities.

06 / SUPPORTING RECORDS

Original-document reference guide

Origin & shipping

Source pages 1-2: bill of lading and certificate of origin. These document the original Japan shipment and origin information.

Original packing data

Source page 12: no-price packing attachment showing historical descriptions, quantities, weights, ranges and mill-work references.

Casing mill records

Source pages 13-36: inspection records for historical casing lots. The following annex includes representative first sheets for 13 3/8 in. and 9 5/8 in. casing.

Tubing mill records

Source pages 37-44: original tubing and coupling certificate sheets. A representative first sheet is included in the annex.

Current storage location

All materials presented in the stock schedule are held in company storage facilities inside Iraq, in Safwan District, Basra.

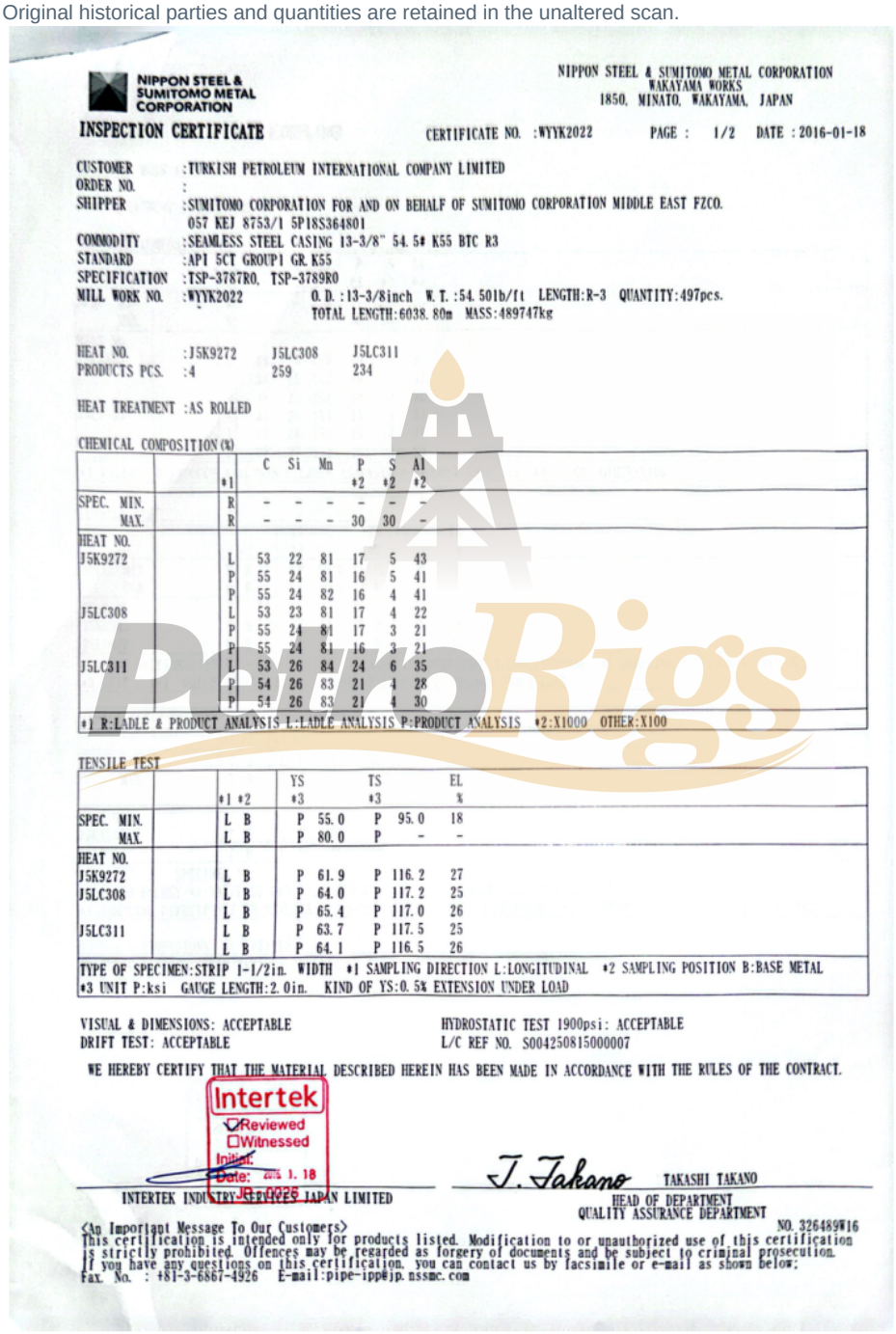
Enquiries & inspection

www.PetroRigs.com

ANNEX / HISTORICAL SUPPORTING RECORD

13 3/8 in. casing - original mill record

Source PDF page 14. Original historical parties and quantities are retained in the unaltered scan.



NIPPON STEEL & SUMITOMO METAL CORPORATION

NIPPON STEEL & SUMITOMO METAL CORPORATION
WAKAYAMA WORKS
1850, MINATO, WAKAYAMA, JAPAN

INSPECTION CERTIFICATE

CERTIFICATE NO. :WYYK2022 PAGE : 1/2 DATE : 2016-01-18

CUSTOMER :TURKISH PETROLEUM INTERNATIONAL COMPANY LIMITED
ORDER NO. :
SHIPPER :SUMITOMO CORPORATION FOR AND ON BEHALF OF SUMITOMO CORPORATION MIDDLE EAST FZCO.
057 KEJ 8753/1 5P18S364801
COMMODITY :SEAMLESS STEEL CASING 13-3/8" 54.5# K55 BTC R3
STANDARD :API 5CT GROUP1 GR.K55
SPECIFICATION :TSP-3787R0, TSP-3789R0
MILL WORK NO. :WYYK2022 O.D. :13-3/8inch W.T. :54.50lb/ft LENGTH:R-3 QUANTITY:497pcs.
TOTAL LENGTH:6038.80m MASS:489747kg

HEAT NO. :J5K9272 J5LC308 J5LC311
PRODUCTS PCS. :4 259 234

HEAT TREATMENT :AS ROLLED

CHEMICAL COMPOSITION (%)

	*1		C	Si	Mn	P *2	S *2	Al *2
SPEC. MIN.		R	-	-	-	-	-	-
MAX.		R	-	-	-	30	30	-
HEAT NO.								
J5K9272		L	53	22	81	17	5	43
		P	55	24	81	16	5	41
		P	55	24	82	16	4	41
J5LC308		L	53	23	81	17	4	22
		P	55	24	81	17	3	21
		P	55	24	81	16	3	21
J5LC311		L	53	26	84	24	6	35
		P	54	26	83	21	4	28
		P	54	26	83	21	4	30

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

TENSILE TEST

	*1	*2	YS *3	TS *3	EL %
SPEC. MIN.	L	B	P 55.0	P 95.0	18
MAX.	L	B	P 80.0	P -	-
HEAT NO.					
J5K9272	L	B	P 61.9	P 116.2	27
J5LC308	L	B	P 64.0	P 117.2	25
	L	B	P 65.4	P 117.0	26
J5LC311	L	B	P 63.7	P 117.5	25
	L	B	P 64.1	P 116.5	26

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

VISUAL & DIMENSIONS: ACCEPTABLE
DRIFT TEST: ACCEPTABLE
HYDROSTATIC TEST 1900psi: ACCEPTABLE
L/C REF NO. S004250815000007

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

Intertek
Reviewed
Witnessed
Initial
Date: JAN 1. 18
JP-0025

INTERTEK INDUSTRY SERVICES JAPAN LIMITED

T. Takano TAKASHI TAKANO
HEAD OF DEPARTMENT
QUALITY ASSURANCE DEPARTMENT

NO. 326489W16

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Fax. No. : +81-3-6867-4926 E-mail:pipe-ipp@jp.nssmc.com

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ANNEX / HISTORICAL SUPPORTING RECORD

9 5/8 in. casing - original mill record

Source PDF page 16. Original historical parties and quantities are retained in the unaltered scan.

NIPPON STEEL & SUMITOMO METAL CORPORATION

NIPPON STEEL & SUMITOMO METAL CORPORATION
WAKAYAMA WORKS
1850, MINATO, WAKAYAMA, JAPAN

INSPECTION CERTIFICATE

CERTIFICATE NO. :WYYK1951 PAGE : 1/8 DATE : 2016-01-13

CUSTOMER :TURKISH PETROLEUM INTERNATIONAL COMPANY LIMITED
ORDER NO. :
SHIPPER :SUMITOMO CORPORATION FOR AND ON BEHALF OF SUMITOMO CORPORATION MIDDLE EAST FZCO.
057 KEJ 8753/2 5P18S364901
COMMODITY :SEAMLESS STEEL CASING 9-5/8" 47# L80 VAM TOP R3
STANDARD :API 5CT GROUP2 GR.L80-TYPE 1
SPECIFICATION :TSP-3788R1, TSP-3789R0
MILL WORK NO. :WYYK1951 O.D. :9-5/8inch W.T. :47.00lb/ft LENGTH:R-3 QUANTITY:1999pcs.
TOTAL LENGTH:24432.36m MASS:1708799kg

HEAT NO.	:J5KA746	J5KA749	J5KA810	J5KA814	J5KA815	J5KA816	J5KA817
PRODUCTS PCS.	:132	20	270	330	332	323	293
HEAT NO.	:J5LA070						
PRODUCTS PCS.	:299						

HEAT TREATMENT :QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

		*1	C	Si	Mn	P *2	S *2	Cu	Cr	Ni	Mo	Al *2
SPEC. MIN.		R	-	-	-	-	-	-	-	-	-	-
MAX.		R	43	45	190	30	30	35	-	25	-	-
HEAT NO.												
J5KA746		L	24	32	132	13	3	1	20	2	1	40
		P	24	33	131	12	2	1	20	2	1	38
		P	24	33	133	12	2	1	20	2	1	38
J5KA749		L	24	33	130	21	6	1	20	2	1	38
		P	24	33	132	18	5	1	21	2	1	36
		P	23	34	131	19	5	1	21	2	1	36
J5KA810		L	25	36	137	24	4	1	20	2	1	31
		P	24	37	135	23	4	1	20	2	1	32
		P	24	36	136	22	4	1	20	2	1	31
J5KA814		L	24	34	131	14	5	1	20	2	1	30
		P	24	34	131	13	4	1	20	2	1	32
		P	24	34	132	14	4	1	20	2	1	33
J5KA815		L	25	32	131	19	4	1	21	2	1	37
		P	24	32	131	18	4	1	20	2	1	37
		P	24	32	130	18	4	1	20	2	1	37
J5KA816		L	25	34	132	16	6	2	20	2	2	37
		P	24	33	133	17	5	2	20	2	2	37
		P	24	33	131	16	5	2	20	2	2	37
J5KA817		L	24	33	130	15	5	2	20	2	1	35
		P	25	33	132	16	6	2	20	2	2	34
		P	24	32	131	15	5	2	20	2	1	34
J5LA070		L	25	35	133	16	5	1	20	2	1	37
		P	25	35	134	17	5	1	20	2	1	34
		P	24	35	134	17	5	1	20	2	1	33

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

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

Intertek
Reviewed
Witnessed
Initial:
Date: 2016.1.13
JR-5022G

INTERTEK INDUSTRY SERVICES JAPAN LIMITED

J. Takano TAKASHI TAKANO
HEAD OF DEPARTMENT
QUALITY ASSURANCE DEPARTMENT

NO. 326120W16

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Fax. No. : +81-3-6867-4926 E-mail:pipe-ipp@jp.nssmc.com

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ANNEX / HISTORICAL SUPPORTING RECORD

3 1/2 in. tubing - original mill record

Source PDF page 37. Original historical parties and quantities are retained in the unaltered scan.

NIPPON STEEL & SUMITOMO METAL CORPORATION

NIPPON STEEL & SUMITOMO METAL CORPORATION
WAKAYAMA WORKS [KAINAN AREA]
260-100, FUNOO, KAINAN, JAPAN

INSPECTION CERTIFICATE

CERTIFICATE NO. :BYYF0534 PAGE : 1/8 DATE :2016-01-08

CUSTOMER :TURKISH PETROLEUM INTERNATIONAL COMPANY LIMITED
ORDER NO. :
SHIPPER :SUMITOMO CORPORATION FOR AND ON BEHALF OF SUMITOMO CORPORATION MIDDLE EAST FZCO.
057 KEJ 8753/3 5P18S365001
COMMODITY :SEAMLESS STEEL TUBING 3-1/2" 9.2# L80 VAM TOP R2
STANDARD :API 5CT GROUP2 GR.L80-TYPE 1
SPECIFICATION :TSP-3788R1, TSP-3789R0
MILL WORK NO. :BYYF0534 O.D. :3-1/2inch W.T. :9.2lb/ft LENGTH:R-2 QUANTITY:416pcs.
TOTAL LENGTH:40246.48m MASS:550974kg

HEAT NO.	:J5K6332	J5KA669	J5L7401	J5L7404	J5L7407	J5LA043	J5LB644
PRODUCTS PCS.	:42	4	9	48	201	20	1842
HEAT NO.	:J5LB813	J5LB814	J5LB815	J5LB816			
PRODUCTS PCS.	:1832	153	5	5			

HEAT TREATMENT :QUENCHED & TEMPERED

CHEMICAL COMPOSITION (%)

	*1	C	Si	Mn	P *2	S *2	Cu	Cr	Ni	Mo	Al *2
SPEC. MIN.	R	-	-	-	-	-	-	-	-	-	-
MAX.	R	43	45	190	30	30	35	-	25	-	-
HEAT NO.											
J5K6332	L	25	34	139	14	7	1	5	2	1	44
	P	24	32	138	12	6	2	6	2	1	40
	P	24	32	137	12	6	2	6	2	1	39
J5KA669	L	25	33	137	12	3	1	4	2	1	25
	P	25	32	134	11	2	1	5	2	1	24
	P	25	33	134	11	2	1	5	2	1	24
J5L7401	L	23	34	144	19	5	1	4	3	1	27
	P	24	36	142	18	4	1	5	3	1	28
	P	24	36	142	18	5	1	5	3	1	28
J5L7404	L	24	33	141	20	6	1	4	2	0	42
	P	24	32	141	18	6	1	5	3	1	38
	P	24	32	142	18	6	1	5	3	1	38
J5L7407	L	25	31	140	19	5	1	5	2	1	35
	P	25	30	138	20	4	1	5	2	1	32
	P	25	30	139	20	4	1	5	2	1	32
J5LA043	L	25	33	139	14	5	1	4	2	1	25
	P	24	33	138	12	5	1	5	2	2	26
	P	24	33	139	13	5	1	5	2	2	26
J5LB644	L	24	34	140	21	3	1	4	2	0	28
	P	25	34	137	22	3	2	5	2	1	26
	P	24	34	136	22	4	2	5	2	1	26
J5LB813	L	23	36	140	19	4	2	4	2	0	22
	P	23	35	137	20	4	2	5	2	1	20
	P	24	34	138	19	5	2	5	2	1	20
J5LB814	L	23	32	138	14	3	1	4	3	1	30
	P	22	31	136	15	5	2	5	3	1	29

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Jan. 11, 2016

Intertek
✓Reviewed
☐Witnessed
Initial:
Date:

INTERTEK INDUSTRY SERVICES JAPAN LIMITED25

J. Takano TAKASHI TAKANO
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