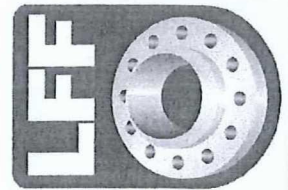


Advice Note

121899



K & S Pipe Contractors LLP

Unit 1, Stock Road
Southend-On-Sea
Essex
SS2 5QF

Our Ref

D/19209/30175/JW

05/01/2017

London Fittings & Flanges Ltd

Christy Way
Southfields Industrial Park
Basildon, Essex,
SS15 6TE

Tel: [REDACTED] (Sales)

Purchasing

Delivery :GRAHAM LAWRENCE

COLLECTION BY CLIENT

CLIENT WILL ARRANGE COLLECTION

RECEIVED

10 JAN 2017

Your ref: KS-3634

Page: 1

Item No.	Qty	Details	Total Qty	OutStndg.
001	20.00	1" PN16 SLIP-ON PLATE	20.00	0.00
002	10.00	1" BS&G	10.00	0.00
003	48.00	ASTM A106 Gr B / API 5L 1" St.Wt.	48.00	0.00
<div>RECEIVED <i>G. Lawrence</i> PRINT <i>G. Lawrence</i> DATE</div>				

121900

K & S Pipe Contractors LLP

Unit 1, Stock Road
Southend-On-Sea
Essex
SS2 5QF

Purchasing

Delivery :

COLLECTION BY CLIENT

CLIENT WILL ARRANGE COLLECTION

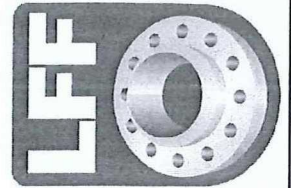
Our Ref

D/19209/30175/JW

05/01/2017

London Fittings & Flanges Ltd

Christy Way
Southfields Industrial Park
Basildon, Essex,
SS15 6TE
Tel: [REDACTED] (Sales)

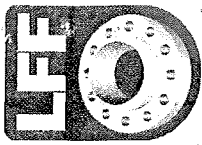


Your ref: KS-3634

Page: 1

Item No.	Qty	Details	Total Qty	OutStndg.
004	30.00	ASTM A106 Gr B / API 5L 1" St.Wt. <hr/>	30.00	0.00

RECEIVED *C. Hansen*
PRINT *C. Hansen*
DATE



London Fittings & Flanges Ltd
Christy Way
Southfields Ind. Park
Basildon
Essex SS15 6TE
England

T: [REDACTED]
F: [REDACTED]
E: wayne.lythcott@LFF.co.uk
W: www.LFF.co.uk

5 January 2017

LETTER OF CONFORMITY

Client's Name: K & S Pipe Contractors

Customer O/N: KS3634

LFF Reference: D/19209/30175/JW

We hereby confirm that the item(s) supplied against your above reference conform fully to your purchase order requirements.

Item No:	Description:	Qty:
001	1" PN16 Slip-On Flanges.	20
002	1" PN16 Bolt & Gasket Sets.	10

Signed

Mr W. Lythcott
Inspection

A02 Inspection certificate "3.1" (EN 10 204)

A03 Document No.: 50464/16

P1852/16

Page: 1/1

A07	Customer's Order (P.O.) No./Item No.: L/116335/00183/JW		A08	Manufacturer's Works Order No.: 70993/0/15																																																																		
A11	Supplier's Order No.: 3160053785		A10	Advice - Note No.: 001603 8160141182																																																																		
B08, B12/B13	Quantity delivered: <table border="1"> <tr> <td>pcs</td> <td>mtrs</td> <td>B13 Actual mass</td> </tr> <tr> <td>bcls</td> <td>feet</td> <td>kgs</td> </tr> <tr> <td>lbs</td> <td></td> <td></td> </tr> <tr> <td>624</td> <td>3144,000</td> <td>8100</td> </tr> </table>		pcs	mtrs	B13 Actual mass	bcls	feet	kgs	lbs			624	3144,000	8100	A06 Customer / Consignee: LONDON FITTING & FLANGES LTD CHRISTY WAY SOUTHFIELDS INDUSTRIAL PARK SS16 6TE BASILDON, ESSEX United Kingdom																																																							
pcs	mtrs	B13 Actual mass																																																																				
bcls	feet	kgs																																																																				
lbs																																																																						
624	3144,000	8100																																																																				
B09-11	Dimensions: 33,4 x 3,381 mm (1" SCH40)																																																																					
B02	Steel designation: L245/B PSL1 L290/X42 PSL1 Grade B																																																																					
B01, B03, B04	Product, conditions and terms of delivery: Seamless steel tubes, API Spec. 6L-46 edif. 12-PSL1, ASME B36.10M-10, ASTM A106/A106M-14, ASME SA106/SA106M-13 - PED 97/23/EC, NACE MR0175/ISO 15156-2/09, Normalized hot finished (min. 800-950°C). GLAMAL SPECIFICATION No. 47 Rev. 09.																																																																					
A04, B06	Marking: Manufacturer's mark, mill inspector's stamp AMTP OSTRAVA 3																																																																					
C71-92 B07	Heat (H) and product (P) chemical analyses (%) <table border="1"> <tr> <th>Heat No.:</th> <th>C</th> <th>MN</th> <th>SI</th> <th>P</th> <th>S</th> <th>CU</th> <th>NI</th> <th>CR</th> <th>MO</th> <th>V</th> <th>TI</th> <th>NB</th> <th>CEQ</th> </tr> <tr> <td>71341K H</td> <td>0,17</td> <td>1,14</td> <td>0,210</td> <td>0,012</td> <td>0,008</td> <td>0,09</td> <td>0,03</td> <td>0,04</td> <td>0,005</td> <td>0,002</td> <td>0,001</td> <td><0,003</td> <td>0,37</td> </tr> <tr> <td>P</td> <td>0,16</td> <td>1,13</td> <td>0,215</td> <td>0,012</td> <td>0,008</td> <td>0,09</td> <td>0,03</td> <td>0,04</td> <td>0,004</td> <td>0,002</td> <td>0,001</td> <td><0,001</td> <td>0,37</td> </tr> <tr> <td>P</td> <td>0,18</td> <td>1,13</td> <td>0,212</td> <td>0,012</td> <td>0,008</td> <td>0,08</td> <td>0,03</td> <td>0,04</td> <td>0,005</td> <td>0,002</td> <td>0,001</td> <td><0,001</td> <td>0,37</td> </tr> </table>														Heat No.:	C	MN	SI	P	S	CU	NI	CR	MO	V	TI	NB	CEQ	71341K H	0,17	1,14	0,210	0,012	0,008	0,09	0,03	0,04	0,005	0,002	0,001	<0,003	0,37	P	0,16	1,13	0,215	0,012	0,008	0,09	0,03	0,04	0,004	0,002	0,001	<0,001	0,37	P	0,18	1,13	0,212	0,012	0,008	0,08	0,03	0,04	0,005	0,002	0,001	<0,001	0,37
Heat No.:	C	MN	SI	P	S	CU	NI	CR	MO	V	TI	NB	CEQ																																																									
71341K H	0,17	1,14	0,210	0,012	0,008	0,09	0,03	0,04	0,005	0,002	0,001	<0,003	0,37																																																									
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P	0,18	1,13	0,212	0,012	0,008	0,08	0,03	0,04	0,005	0,002	0,001	<0,001	0,37																																																									
C70	Steel made by basic oxygen process, fully-killed, strand cast.																																																																					
B07 C04	Test results: Heat No. 71341K Specimen No. 71341K Requirements: Grade B L290/X42 L245/B		MPa (Rt 0.5) c11 Yield Point min. 240 min. 290 min. 245		MPa c12 Tensile Strength min. 415 min. 415 min. 415		% (2") c13 Elongation min. 20,0 min. 20,0 min. 20,0		c40-43 Impact test min		HRB c30-32 Hardness max. 99 74																																																											
Longitudinal strip specimen 19,0 mm																																																																						
D01	Visual and dimensional inspection with satisfactory results				X	D51	Hydraulic test - min. test pressure				MPa / sec.	20,5 / 5																																																										
C50	Flattening test - satisfactory					D02	The pipes tested on tightness by NDT				In acc. to																																																											
C51	Expanding test - satisfactory																																																																					
C52	Bending test - satisfactory				X	D03	Nondestructive Electromagnetic Testing																																																															
C53	Ring expanding test (DIN EN 10236) - satisfactory																																																																					
C54	Ring tensile test (DIN EN 10237) - satisfactory																																																																					
PED 97/23/EC and AD 2000-Merkblatt W0 certified by TÜV NORD, cert. No. 07-202-9190-WZ-0807/12/Q and 07-203-9190-WP-0807/12/Q 22 HRC = 99 HRB max. MANUFACTURER OF BILLETS: AM OSTRAVA Impact strength is guaranteed on the basis of statistical data evaluation (28J/-10°C). Residual magnetic field [mT] max.3 - satisfactory																																																																						
Z01	All pipes conform to the above mentioned standards and ordering requirements and agreements.																																																																					
Z02	Date of issue: 22.2.2016/ZR																																																																					

A01 ArcelorMittal Tubular Products Ostrava a.s.
A05 QA Department
Vratimovská 689
707 02 Ostrava-Kunčice
Czech Republic

YOUR NO. K53634
OUR REF. 419209/3075/3C
ITEM(S) 003 + 004
SIGNATURE [Signature]
DATE 5/1/19

ArcelorMittal

ArcelorMittal Tubular Products Ostrava a.s.
Vratimovská 689, 707 02 Ostrava 7
Rizení jakosti

Bc. Petr Pastucha

Work's Inspector
Z02 Validation

E z. 2574/16/15/P