

Order Company:

Vebsite: https://www.ybfactory.com

ZHANGQIU YU BIN PETROCHEMICAL FITTINGS FACTORY

Product Description

Quality certificate acc. to EN10204-3.1

Quality Inspection Report Drawing No.

Size

								Elbow			10730-T		CLR 90°, F	R=1500, 800x	(1053x4208, 1	tube 377x45	1
PO:		Product No:						Elbow		00	CT 24 32°	1.04	CLR 90°, F	R=1500, 2845	5x800x6000, t	tube 377x45	1
								Elbow		00	T 24 32	1.05	CLR 90°, F	R=1500, 2845	5x800x6000,	tube 377x45	1
Product Name:	Main steam line elements	Quantity:	22	piece				Elbow		00	CT 24 32°	1.06				tube 377x45	
								Elbow			10731-T					tube 377x45	
Manufacture Standard:	DIN 1.7745	Material:	15CrMoV5-10			1		Elbow			10732-T		· ·			tube 377x45	
								Elbow		OCT 24 321.06		CLR 60°, R=1500, 1973x2353x5896, tube 377x45					
Heat No.: Leave Factory Date: OCUM				IONI		Elbow				CLR 90°, R=1500, 1976x1669x6000, tube 377x45							
i i i i i i i doctui i								Elbow 10733-T			CLR 90°, R=1500, 871x1198x4424, tube 377x45						
							Ring 291		13 OCT 24.520.03						13		
We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance					Material:		15CrMoV5-10		Heat No.:								
with the requirement of above material code and purchase specification. The material conform to:					Forging Ratio:				Forging Temperature:								
Pressure Equipment Directive 2014/68/EU, Annex 1, Section 4.3, AD 2000-Merkbiatt W 0 as well as EN 764-5, Para. 4.2.					Heat Treatment Status:		N+SR		Holding temperature:		760°C						
Note: Issued in agreement with TUV SUD Industrie Service GmbH on February 9th, 2022					Holding time:		120 min		Cooling Method:		Air Cooling						
Note:"Issued in agreement with TUV SUD Industrie Service GmbH on February 9th, 2022" Notified Body, No.: 0036 Certificate No.: DGR-0036-QS-W 1061/2022/MUC-01					Machining:		Standard:		d:	According to drawing							
Certificate No.: DGR-0036	6-QS-W 1061/2022/MUC <mark>-01</mark>				Chemical compos	i <mark>tion (%</mark>)	C \	M _n	P	S	Si	Ni	9	V	Cu	Mo	Ti
Munich, February 9th, 202	2				Set Value (%)	Min	0.10	0.40	-	-	0.15	-	1.1	0.2	-	0.9	-
					Set value (76)	Max	0.16	0.90	0.025	0.015	0.35	0.025	1.4	0.35	0.025	1.1	-
_						(%)											-
C E							Yield point Tensile st		strengthe Elingation		Z Impact Tes		t Hardness				
Quality Assurance Engineer COSS						Mechanical Property		(Pa)	(MPa)		(A%)		(%)	Temperature		Kv2(J)	HB
useu as								525	660			36	58	_	°C	78/79/82	180
							Detection Method Detection		Part Probe Model			Detection Sensitivity		Scanning	•		
								Longitudinal Wave All					Φ2 <150m			, -	
Address: No. 10008 Jiqing Road, Zhangqiu District, Jinan City, Shandong Province, P. R. China Email: pan.gao@ybfactory.com Tel: +86-531-83510008					UT		Frequency		Surface Compensation		Inspection situation and defect distribution No recordable defects found				n		
															rects found		
								Detection result: Conform to SEP1921-84 3/C/C standard, Qualified.									
Fax: +86-531-83710008						rrosion	Test Standard		Test Method		Assessment						

PO

Responsible Inspector:

Dimension

Conclusion:

Inspector:

After inspect this batch products conform to drawing machining requirements, appreved for out factory.





Order Company:

ZHANGQIU YU BIN PETROCHEMICAL FITTINGS FACTORY

Quality certificate acc. to EN10204-3.1

Product No: PO: **Product Name:** Main steam line elements Manufacture Standard: Heat No.:

We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of above material code and purchase specification. The material conform to Pressure Equipment Directive 2014/68/EU, Annex Note:"Issued in agreement with TUV SUD Industrie

Notified Body, No.: 0036 Certificate No.: DGR-0036-QS-W 1061/2022/MUC-01

Munich, February 9th, 2022



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Vebsite: https://www.ybfactory.com

Quality Inspection Report

PO	Product Descrip	D	rawing N	lo.		Qty						
	Elbow	OCT 24 321.04			CLR 90°, R	1						
	Elbow	OCT 24 321.04			CLR 90°, R	1						
	Tube bosslug	13 OCT 24.530.02				3						
	Socket	05 OCT 24.462.01 06 OCT 24.462.01 05 OCT 24.462.02				1						
	Socket					1						
	Socket				(1						
Material:	14MoV6-3	Heat No.:				7						
Forging Ratio:	Forging Ratio:		Forging Temperature:			-						
Heat Treatment Status: N+SR			Holding temperature:			760°C						
Holding time:	120 min	Cooling Method:			Air Cooling							
Machining:		Standard:			According to drawing							
Chemical composition (%)	C Mn	Р	8	Si	Ni	Cr	V	Cu	Мо	Ti		
Set Value (%)	0.10 0.40		7	0.15		0.3	0.22	-	0.5	-		
Max Max	0.15 0.70	0.025	0.02	0.35	0.03	0.6	0.2	0.3	0.7	-		
Actual Value (%)		WW			7					-		
	Yield point Tens		sile strength Elingation			Z	st	Hardness				
Mechanical Property	(MPa)	(MPa)		(A%)		(%)	Temperature		Kv2(J)	HB		
	525	660		36		58 0°0		C 78/79/82		180		
4	Detection Method Det		ection Part Probe Model			Det	ection Sensit	Scanning	Scanning Speed			
2 +0	Longitudinal Wave	2.5P20-D				ım/s						
UT	Frequency	Surface Compensation			Inspection situation and defect distribution							
	2.5MHz	3~5dB			No recordable defects found							
	Detection result: Conform to SEP1921-84 3/C/C standard, Qualified.											
Intergranular Corrosion	Test Standard	Test Method			Assessment							
intergrandial corrosion												
	Conclusion:											
	After inspect this batch products conform to drawing machining requirements,											
	appreved for out factory.											

Responsible Inspector: Inspector:

