

ZU 1 1/2 Coupling

CLIENTE / Customer / Client

CERTIFICADO DE INSPECCION
 Inspection Certificate - Certificat de Réception
 UNE EN 10204-06 / 3.1
 ISO 10474-15 / 3.1

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PRODUCTO FITTING
 Article - Produit

SU PEDIDO N.º
 Your Order No. 224287 HOUSTON
 Votre Cde. N.º

DE
 of - de 19/06/2018



BR Zubillaga, 3 - Adto. 14
 20560 ONATI (Gipuzkoa) SPAIN
 Tel.: 34 - 943 780552
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NORMAS APLICABLES
 Requirements - Normes Applicables
 ASME B16.11-2016

MATERIAL CORRESPONDIENTE
 Material Correspondant - Qualifié
 ASME SA105M-17, ASTM A105M-18, EN 10222-2 P280GH-17,
 NACE MR0175/ISO15156-02:03-15 & NACE MR0103/ISO17495-15

DEPARTAMENTO
 Département
 QUALITY ASSURANCE

Management Systems certified by LROAE
 Sd 1922164
 Sd 600236
 Sd 6009987



Packing 145204

MODELO DE FUSION (*)
 Sheel Making - Elaboration de l'acier
 E = Elec. Y = Oxígeno básico

PARTIDA Item Poste	CANTIDAD Quantity Quantité	DESCRIPCION Description Description	COLADA N.º Heat No. T. Coulee	RESISTENCIA T. Strength R. Résistance	LIMITE ELAST. Y. Strength Y. Résistance	ALARGAMIENTO Elongation Allongement	ESTRICCION Red. Area Réduction	RESILIENCIA Impact test Résilience	CHAPRY V 10x10mm MEIA Average Moynage	DUREZA Hardness Dureté	
7 45020CAR3000TN-A	648	ELBOW 4.5 2.3000L B NPT A105N	AA4A8	514	315	30.70	60.63	101	53	48	138 140
11 90007CAR3000SNA	965	ELBOW 90 3/4 3000L B SW A105N	CO3A8	492	290	35.30	71.00	55	104	72	137 140
17 90015CAR3000TN-A	240	ELBOW 90 1.1/2 3000L B NPT A105N	B91A8	492	290	40.60	71.20	37	30	44	140 143
33 CO015CAR3000TN-A	678	COUPLING 1.1/2 3000L B NPT A105N	ZU	515	307	65.10	65.10	74	62	66	146 149
60 HQ020CAR3000TN-A	755	H COUPLING 2.3000L B NPT A105N	B60A8	505	311	69.70	69.70	156	112	126	149 152

(*) OBSERVACIONES:
 Remarks
 Observations

N NORMALIZED AT 900 C AND ALLOWED TO COOL IN STILL AIR.

COMPOSICION QUIMICA - STEEL MAKERS LADE ANALYSIS - ANALYSE CHIMIQUE

Heat No Ladle: L Product: P	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	Nb %	V %	Cu %	Al %	Ti %	B %	CEq %	Origin of Steel
AA4A8 L	0.190	0.220	1.060	0.004	0.009	0.044	0.070	0.009	0.003	0.004	0.150	0.024	0.002	0.0003	0.39	Francia
CO3A8 L	0.190	0.250	1.060	0.010	0.003	0.050	0.060	0.011	0.004	0.001	0.210	0.025	0.001	0.0004	0.40	Francia
B91A8 L	0.178	0.203	1.142	0.009	0.008	0.043	0.047	0.012	0.001	0.002	0.056	0.028	0.002	0.0003	0.39	Alemania
ZU L	0.200	0.240	1.140	0.010	0.005	0.070	0.090	0.016	0.002	0.008	0.190	0.028	0.003	0.0004	0.43	Francia
B60A8 L	0.190	0.240	1.060	0.010	0.005	0.100	0.110	0.017	0.002	0.006	0.170	0.031	0.005	0.0004	0.41	Francia

Las dimensiones y la condición superficial se hallaron satisfactorias.
 Dimension and surface condition were found acceptable.
 Les dimensions et états de surface sont satisfaisants.

Los materiales citados cumplen las normas aplicables.
 Manufacturing requirements are satisfied.
 Les normes applicables sont respectées.

EL INSPECTOR
 Works Inspector - L'inspecteur

ULMA FORJA S.COOP.
 Dpto. de Garantía de calidad
 Quality Assurance Dept.

MILL TEST REPORT
 Cus# : MMSHOU Company# : MAINTENANCE METALS, LLC
 MTR# : UMCB/UMCB00044-3.pdf PO# : 147 SO# : LFDEH8
 Item: PSCSTC01D Bundle: ZU Heatno: ZU
 www.tachen.com

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