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FITTINGS & FLANGES
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Società con Unico Socio e soggetta alla direzione
e coordinamento di Valvitalia Holding S.p.A.
Cap. Soc. € 120.000.000,00 i.v.
C.F. / P.IVA / n. Registro Imprese 05962420963
R.E.A. 761465 - Pavia

Doc.: INSP.REPORT Rev. 1

Inspection Certificate 101348

BS - EN 10204-2004 3.1

Rev 00

Date 25/02/2014

Job TF	:	V13-000390
Purchaser	:	TEXAS PIPE & SUPPLY CO.
Order	:	129953-00
Specification	:	ASTM/ASME A/SA 234/07
Construction Standard	:	ASME B16.9/07 - B16.25/07

Item Y/R	Item O/R	Quantity	Descriptions	Heat	Lot
40	40	5	18"X14" STD/STD R.C. WPB NACE	931736	X792C

Type of Construction	:	SEAMLESS PRODUCED BY PIPE
Method of Fabrication	:	COLD FORMED
Heat Treatment	:	NORMALIZING 920°C COOLING IN STILL AIR
Mill Test Report N.	:	01/13/05432
Supplier	:	DALMINE SPA

Ladle Analysis

Item Y/R	Item O/R	Heat	C %	Mn %	Si %	P %	S %	Cr %	Mo %	Ni %	Cu %	Al %	V %	Nb %	B %
40	40	931736	0.120	1.080	0.220	0.014	0.0020	0.170	0.110	0.130	0.150	0.000	0.030	0.0130	0.0002
———	Product	———	0.110	1.080	0.200	0.014	0.0020	0.170	0.100	0.130	0.150	0.000	0.030	0.0120	0.0001

$CE1 = C + \frac{MN}{6} = 0,30$ $CE2 = C + \frac{MN}{6} + 0.04 = 0,34$ $CE3 = C + \frac{MN}{6} + \frac{CR + V + MO}{5} + \frac{CU + NI}{15} = 0,37$

CE1 - CE2 Ladle Analysis (%) CE3 : ——— Product (if applicable) ———

Tensile Test Base Material Direction: LONGITUDINAL Weld Direction:

Item Y/R	Item O/R	Test	Heat	Y.S. MPA	T.S. MPA	Elongation % (Lo=50mm)	Y.S. MPA	T.S. MPA	Elongation % (Lo=50mm)
40	40	256895	931736	347	526	38.4	0	0	0.0

Bending Test

Hardness Test Base Mat. 197 HB MAX H.A.Z. Weld

Note

MATERIAL IN ACC. TO NACE MR01-75 ISO 15156 HRC MAX 22 ED 2009 & NACE MR 01-03 ED 2012

We certify that the items comply with order requirements and above mentioned specifications.
All items are marked with low stress die stamps or interrupted dot stamps.
Visual and dimensional inspection: SATISFACTORY Mechanical test carried out on finished items - (YES / NO)

Trade Mark	Mfr Authorized Inspector	Official Designated Inspector	Purchaser Authorized Inspector
	VALVITALIA S.p.A. D. LORANDI QUALITY & TECHNOLOGY DEPARTMENT TECNOFORGE DIVISION		