

**Arvedi Tubi Acciaio S.p.A.**  
 26100 Cremona - Italia  
 Via Acquaviva, 3 - Zona Porto Canale  
 Tel. +39 0372 4091  
 Fax +39 0372 413170

www.arvedi.it

**A01**  
 Cap.Soc. 4.000.000 EUR i.v.  
 Società interamente controllata  
 da Finarvedi S.p.A.  
 R.I. CR 00113630198  
 R.E.A. CR 90188  
 Mecc. Est. CR 000296  
 C.F. e Part. IVA IT 00113630198

**A04**

**Arvedi Tubi Acciaio**



**Werkszeugnis EN 10204/2.2**

**A02**

**Nummer** **562220** vom **06/02/2018**  
A03 Z02

Unser AB **0211210469 / 80**  
A08  
 Ihr Auftrag **H30-5404118655**  
A07  
 vom **11/12/2017**

Consegna **0221379514**

Lieferschein **0000202641** vom **06/02/2018**  
A10

**THYSSENKRUPP SCHULTE GMBH**  
**NIEDERLASSUNG KOELN**  
**OSKAR-JAEGER-STRASSE 192**

**50825 KOELN**

**DE**

**A06**

Artikel **STAHLROHRE MIT ENTFERNTEM INNENGRAT**

B01

Norm **EN 10255 H**

B01

Abm. **GAS 48,3x4,0x6000 LC NL BELGIO**

B04:B9-B11

Stahlgüte **S195T**

B02

Rohre **293 MT 1.758,00 KG 7.726,00**

B08

B14

B13

**Chemische Zusammensetzung**

C71-C92

	C	Mn	Si	P	S	Al	Cr	Ni	Mo	Cu	Sn	V	Nb	Ti	B	N
min																
max	0,2000	1,4000	0,0300	0,0250	0,0300											

B07

<b>3083234A</b>	0,0371	0,3140	0,0251	0,0061	0,0013											
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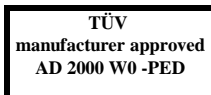
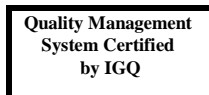
**Mechanische Eigenschaften**

C10-C29

Werksnr.	Charge	Partie-Nr.	Rohre	R (MPa)			REH (MPa)		A(%)		Rs/R	Fm (N)
				>= 320	<= 520	>= 195	>= 20,0					
<b>1</b>				360		260	35,00					

Prüfung	Norm	Soll-Wert	Ergebnis
zerstörungsfreie Prüfung	EN ISO 10893-1		% 100 <b>POSITIVE</b>
Biegeversuch	EN ISO 8491		<b>POSITIVE</b>
Ringfaltversuch	EN ISO 8492		<b>POSITIVE</b>
Sichtkontrolle	SI		<b>POSITIVE</b>

Vermerke  
D51



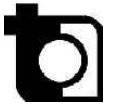
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<b>Nummer</b> <small>A03</small>	<b>562220</b>	<b>vom</b> <small>Z02</small>	<b>06/02/2018</b>
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Unser AB **0211210469** / **80**  
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**Z04**

<b>Z04</b>	
	
Arvedi Tubi Acciaio S.p.A. via Acquaviva 3, I-26100 Cremona 18	
EN 10255:2004+A1:2007 Non-Alloy steel tubes suitable for welding and threading <i>Tubi di acciaio non legati adatti alle saldature ed alla filettatura</i>	
Intended uses ( <i>utilizzo previsto</i> ): distribution of aqueous liquids, gas and fuel ( <i>trasporto liquidi, gas e combustibili</i> )	
Reaction to fire ( <i>classe di reazione al fuoco</i> ):	Class A1
Yield strength(min.) ( <i>Carico di snervamento minimo</i> ):	>= 195 MPa
Dimensional Tolerances ( <i>Tolleranze dimensionali</i> ):	Pass
Leak tightness (electromagnetic test) ( <i>prova di tenuta</i> ):	Pass (EN 10246-1)
Durability ( <i>durabilità</i> ):	NPD (provided by coating)

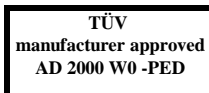
**A05 QUALITÄTSSICHERUNG**

Tel. +39 0372 4091

Fax +39 0372 409349

e-mail: controllo.qualita@ata.arvedi.it

**Z01** Es wird bestaetigt, dass die Lieferung geprueft wurde und den Vereinbarungen bei der Bestellannahme entspricht. Diese Bescheinigung wurde durch ein geeignetes Datenverarbeitungssystem erstellt und und traegt anstelle der eigenhaendigen Unterschrift die Namenswiedergabe und Dienstanschrift des verantwortlichen Bueros.





<b>Nummer</b> <small>A03</small>	<b>562220</b>	<b>vom</b> <small>Z02</small>	<b>06/02/2018</b>
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Unser AB <small>A08</small>	<b>0211210469</b>	/	<b>80</b>
Ihr Auftrag <small>A07</small>	<b>H30-5404118655</b>		
vom	<b>11/12/2017</b>		
Consegna	<b>0221379514</b>		
Lieferschein <small>A10</small>	<b>0000202641</b>	vom	<b>06/02/2018</b>

<b>THYSSENKRUPP SCHULTE GMBH</b>		<b>A06</b>
<b>NIEDERLASSUNG KOELN</b>		
<b>OSKAR-JAEGER-STRASSE 192</b>		
<b>50825</b>	<b>KOELN</b>	
		<b>DE</b>

**DECLARATION OF PERFORMANCE**

n. 10255-01072013-1

1. Unique identification code of the product-type:

<i>Non-Alloy steel welded circular tubes suitable for welding and threading according to the following dimensions</i>	
<i>Diameter</i>	<i>ø 17,2 ÷ 165,1 mm</i>
<i>Series</i>	<i>Medium - Heavy</i>
<i>Types</i>	<i>L - L1 - L2</i>

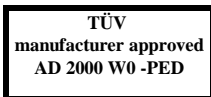
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
*in agreement with the number indicated on the label on the material*

000003083234

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

*Non-Alloy steel tubes suitable for welding and threading used in installations for the transport, disposal, storage of water (not intended for human consumption)*

*Non-Alloy steel tubes suitable for welding and threading used in installations for the transport / distribution / storage of gas / fuel intended for the supply of building heating / cooling systems, from the external storage reservoir or the last pressure reduction unit of the boiler / heater / cooler system(s) of the building(s)*



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Unser AB A08	<b>0211210469</b>	/	<b>80</b>
Ihr Auftrag A07	<b>H30-5404118655</b>		
vom	<b>11/12/2017</b>		
Consegna	<b>0221379514</b>		
Lieferschein A10	<b>0000202641</b>	vom	<b>06/02/2018</b>

A06	
<b>THYSSENKRUPP SCHULTE GMBH</b>	
<b>NIEDERLASSUNG KOELN</b>	
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<b>50825</b>	<b>KOELN</b>
<b>DE</b>	

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
*Arvedi Tubi Acciaio Spa, via Acquaviva, 2 – 26100 CR - Italy*
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
*Not applicable*
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
*system 3 and system 4*
7. . In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
*TÜV Rheinland LGA Bautechnik GmbH, NB 0780*  
 performed *determin the product-type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product*  
 and *Arvedi Tubi Acciaio Spa carry out factory production control;*  
 according *system 3*  
 and *Arvedi Tubi Acciaio Spa carry out:*  
*determination of the product-type on the basis of type testing*  
*factory production control*  
 under system *4*
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
*Not applicable*

9. Declared performance

Caratteristiche essenziali Essential Characteristics	Prestazioni Performance	Specifica tecnica armonizzata Harmonised technical specification
<i>classe di reazione al fuoco - Reaction to fire</i>	<i>Class A1</i>	<i>EN 10255:2004+A1:2007</i>
<i>Carico di snervamento minimo - Yield strength (min.)</i>	<i>?195 MPa</i>	
<i>Tolleranze dimensionali - Dimensional Tolerances</i>	<i>EN 10255 (8.4)</i>	
<i>prova di tenuta - Leak tightness (electromagnetic test)</i>	<i>EN 10255 (8.5 and 9.6)- (ISO EN 10893-1)</i>	
<i>Durabilità - Durability</i>	<i>NPD (provided by coating)</i>	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9  
 This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Cremona, 01/07/2013

  
 Noris Battocletti  
 Quality Manager

