

Certificate

Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 USA/Q-20 5488.00

Name and address of the
certificate holder: **Hackney Ladish Inc.
708 So. Elmira Ave
Russellville AR 72802
USA**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, article 4.2**


Audit report no.: 01 202 USA/Q-20 5488

Scope: **Manufacture of Seamless Pipe Fittings in Carbon Steel, see annex 01 202 USA/Q-20 5488, 2/23/2023, Rev.: 1, to certificate**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2026-03-18.**

Cologne, 2023-04-03


Dipl.-Ing. (FH) Vera Ruff



TÜV Rheinland Industrie Service GmbH
Notified Body for Pressure Equipment, ID-No. 0035
Am Grauen Stein, D-51105 Cologne

E-108a

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)								
Manufacturer		Work		Nationality	Date	Page No..						
Company Name: Hackney Ladish Inc.		1) As Manufacturer 2) 400 East Willow, Enid OK 73701		USA	2/23/2023	1	TÜV Rheinland Industrie Service GmbH					
Location: 708 South Elmira Ave., Russellville AR 72802					Rev.: 1	of : 2						
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations	Remarks	
					Thickness mm		Ø mm					
					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
1. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)												
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.												
	Russellville AR											
1	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Std. Elbows	2.11	59.5	25	762	-	-	ASTM/ASME	a
2	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Red. Elbows	9.53	31	324	610	-	-	ASTM/ASME	a
3	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Std. Tees	6.35	31	-	610	-	-	ASTM/ASME	a
4	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Caps	9.53	25.4	-	864	-	-	ASTM/ASME	a
5	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Con. Reducers	6.35	14.3	-	610	-	-	ASTM/ASME	a
Remarks												
+AT = solution annealed			+NT = normalized and tempered			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary						
+AR = as rolled (HR)			+QT = quenched and tempered									
+M = thermo mechanical treated			+S = soft annealed									
+N = normalized or normalizing formed			+SR = stress relieved									
+CR = Cold Rolled												

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)								
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	Enid OK											
1	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Crosses	3.91	15.1	60.3	219	-	-	ASTM/ASME	a
2	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Red. Elbows	3.91	15.1	60.3	219	-	-	ASTM/ASME	a
3	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Std. Tees	2.77	25.4	42.2	610	-	-	ASTM/ASME	a
4	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Red. Tees	2.77	25.4	42.2	610	-	-	ASTM/ASME	a
5	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Caps	2.77	25.4	42.2	1219	-	-	ASTM/ASME	a
6	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Ecc. Reducers	3.04	17.5	88.9	610	-	-	ASTM/ASME	a
7	WPA, WPB	ASTM/ASME A234/SA234	HR/N/SR	Con. Reducers	2.77	17.5	60.3	610	-	-	ASTM/ASME	a
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