

Certificate

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

Certificate no.: 01 202 CHN/Q-21 0721.00

Name and address of the certificate holder: **Impro Aerotek Limited
No.18, FuRong Road 5,
Xishan Economy Development Zone,
Wuxi, Jiangsu
P.R. China**

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, point 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, Clause 4.2 and
AD 2000-Merkblatt W0**

Audit report no.: 01 202 CHN/Q-21 0721

Scope: **Manufacturing of seamless fittings, see annex to certificate:
01 202 CHN/Q-21 0721, revision 1 from 15.06.2024**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2027-07-12.**

Cologne, 2024-06-20

Ines Krüger-Führ



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


E-108a

Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input type="checkbox"/> AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		1	
Company Name:		Impro Aerotek Limited						P. R. China		of :		3	
Location:		No. 18, FuRong Road 5, Xishan Economy Development Zone, Wuxi, Jiangsu, China								Date:		15.06.2024	
										Rev.:		1	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks	
					Thick-ness mm		Ø mm		1=t / 2=kg				↓ resul t
					from	Up to	from	Up to	8a	8b	9	10	
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU													
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.													
1	1.4301, 1.4307	EN 10253-4	+AT	Seamless elbows	3.0	12.5	50.8	219.1	--	--	PED 2014/68/EU	<p>The pre-material (fittings) shall be purchased from PED approved manufacturer within the approved scope.</p> <p>If the pre-material grade and/or size is outside the approved scope, the material should be inspected as per EN 10204 3.2 by TÜV Rheinland Group.</p>	



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	+QT = quenched and tempered	
	+M = thermo mechanical treated	+S = soft annealed	
	+N = normalized or normalizing formed	+SR = stress relieved	

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Location:		No. 18, FuRong Road 5, Xishan Economy Development Zone, Wuxi, Jiangsu, China						Date:	15.06.2024	Industrie Service			
								Rev.:	1	GmbH			
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					from	Up to	from	Up to	↓	resul t			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
2. Materials according to AD2000 Code													
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.													
1	1.4301, 1.4307	EN 10253-4	+AT	Seamless elbows	3.0	12.5	50.8	219.1	--	--	AD2000 W2 WB 1252	The pre-material (fittings) shall be purchased from PED approved manufacturer within the approved scope. If the pre-material grade and/or size is outside the approved scope, the material should be inspected as per EN 10204 3.2 by TÜV Rheinland Group.	



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					from	Up to	from	Up to	↓	resul t			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
3. 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.													
1	WP304, WP304L	ASME SA403 ASTM A403	+AT	Seamless elbows	3.0	12.5	50.8	219.1	--	--	PED 2014/68/EU	<p>The pre-material (fittings) shall be purchased from PED approved manufacturer within the approved scope.</p> <p>If the pre-material grade and/or size is outside the approved scope, the material should be inspected as per EN 10204 3.2 by TÜV Rheinland Group.</p> <p>Note: a</p>	



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