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: No.1

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





| Sco | pe: | ☑ Directive 2014/ | 1.3 EN 764-4 | | | | | | | | AD 2000-Merkblatt W 0 | | | | |
|---|------------------|-------------------------------|-------------------------------------|----------------|--|---------|----------|----------|--------------------|----------------|-----------------------|--|------------------------------|---|---------------------------------------|
| Certificate holder (Manufacturer of materials) Manufacturing p | | | | | | | | | | Na | ationality Page No.: | | | 1 | |
| Com | pany Name: | Impro Aerotek Limited | | | | | P | R. Ch | nina | | of: | 3 | TÜV Rheinland | | |
| Loca | tion: | No. 18, FuRong Road | 5, Xishan Econo | omy Develo | pment Zone, Wuxi, Jiang | gsu, Ch | ina | | | | | | Date: | 15.06.2024 | Industrie Service |
| | | | | | | | | | | | | | Rev.: | 1 | GmbH |
| | | aterials-term aterials-No. | Material Deliv Specification Con | | Article Type of Product | | | | | | Spec Requ Te | echnical Remarks ecifications quirements echnical egulations | | emarks | |
| 1 | | 2 3 4 5 | | | | | 6b | 7a | 7b | | | | 9 | 10 | |
| 1. [| Materials a | ccording to harmo | onized Europ | ean stai | ndards (hEN) and E | urope | an A | pprov | al for | Ma | erials | (EAN | l) acc. Di | rective 2014 | 4/68/EU |
| partic | cular material a | appraisal. With that the m | nanufacturing reli | iability for e | he publication of Harmoni quivalent material grades of material grades listed in | accord | ing to o | ther sta | ds or to ndards | the c (e.g. | ualificat BS, AFN | tion by a | a European r ME) is prove | naterial approved. The requirer | al or to the nents and limits of |
| 1 | 1.4301, 1.430 | 7 | EN 10253-4 | +AT | Seamless elbows | 3.0 | 12.5 | 50.8 | 219.1 | - | - | PED 2 | 2014/68/EU | purchased from manufacturer viscope. If the pre-mate size is outside scope, the main manufacturer viscope. | erial should be er EN 10204 3.2 by |

| Remarks | +AR | solution annealed as rolled thermo mechanical treated normalized or normalizing formed | +S | = = = = | normalized and tempered quenched and tempered soft annealed stress relieved | а | = | PMA for the use in pressure equipment in Directive 2014/68/EU neccessary | |
|---------|-----|---|----|---------|--|---|---|--|---|
| | | | | | | | | | 1 |



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|-------|-------------------|--------------------------|---------------------------|-------------------|--|--------------|--------|--------------|-------------------------|---------------|------------------------|---|------------------|---------------------|--|
| Sco | pe: | ☑ Directive 2014 | /68/EU Annex | .3 | -4 | | | ⊠ AD 2 | □ AD 2000-Merkblatt W 0 | | | | | | |
| | Certific | ate holder (Manufactur | rer of materials) | | Manufacturing plant | | | | | Natio | onality | Page No.: | 2 | | |
| Com | npany Name: | Impro Aerotek Limited | d | | P.R. | . Chir | na | of: | 3 | TÜV Rheinland | | | | | |
| Loca | ation: | No. 18, FuRong Road | opment Zone, Wuxi, Jiangs | u, Chin | а | | | | | Date: | 15.06.2024 | Industrie Service | | | |
| | | | | | | | | | | | Rev.: | 1 | GmbH | | |
| | | | | Delivery Cond. | Article Type of Product | Thick- mi | ness | rsions @ mi | | n | eight nax / 2=kg | Technical Specifications Requirements Technical Regulations | R | Remarks | |
| | | | | | | | to | | to | | | | | | |
| 1 | Matariala | 2 | 3 | 4 | 5 | 6a | 6b | 7a | 7b | 8a | 8b | 9 | 9 10 | | |
| | | ccording to AD20 | | c hound to t | he publication of Harmonize | d Euror | oan St | andarde | or to th | 20.011 | alificatio | on by a Furonean | material approv | al or to the | |
| parti | icular material a | appraisal. With that the | manufacturing re | liability for e | The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualifular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4. | | | | | | | | | | |
| 1 | 1.4301, 1.430 | | | | | column 2 | | | | | | R, ASWIE) IS Prov | ed. The requirer | nents and limits of | |

| Remarks | | = solution annealed = as rolled = thermo mechanical treated = normalized or normalizing formed | +NT +QT +S +SR | = = = = | normalized and tempered quenched and tempered soft annealed stress relieved | а | = PMA for the use in pressure equipment in Directive 2014/68/EU neccessary |
|---------|---|---|-------------------------|---------|---|---|--|
| | 1 | | | | | | |



| Scope: Directive 2014/68/EU Annex I point 4 | | | | | 4.3 | | | | | | | ⊠ AD 200 | ⊠ AD 2000-Merkblatt W 0 | | |
|---|----------------|-------------------------------|---------------------------|-------------------|--|---------|----------|----------|--------------------|------------------------|---------------------|---|------------------------------------|--|--|
| | Certific | ate holder (Manufacture | er of materials) | | Manufacturing plant | | | | | Nat | ionality | Page No.: | 3 | | |
| Company Name: Impro Aerotek Limited | | | | | | | | | P. | R. Ch | nina | of : | 3 | TÜV Rheinland | |
| | | | 5, Xishan Econo | omy Devel | opment Zone, Wuxi, Jian | gsu, Cł | ina | | | | | Date: | 15.06.2024 | Industrie Service | |
| | | | | | | | | | | | | Rev.: | 1 | GmbH | |
| | | aterials-term aterials-No. | Material Specification | Delivery Cond. | Article Type of Product | | | | | Weight max 1=t / 2=kg | | Technical Specifications Requirements Technical Regulations | R | emarks | |
| 1 | | 2 | 3 | 4 | 5 | 6a | 6b | 7a | 7b | 8a | 8b | 9 | | 10 | |
| 3.1 | Materials a | ccording to intern | ational stan | dards (e | e. g. ASTM, ASME, I | BR et | c.) | | | | | | | | |
| partic | cular material | appraisal. With that the r | nanufacturing rel | iability for e | the publication of Harmoni equivalent material grades of material grades listed ir | accord | ing to o | ther sta | ds or to ndards | o the q s (e.g. | ualifica BS, AFN | tion by a European IOR, ASME) is prov | material approved. The requirer | al or to the nents and limits of | |
| 1 | WP304, WP30 | 04L | ASME SA403 ASTM A403 | +AT | Seamless elbows | 3.0 | 12.5 | 50.8 | 219.1 | | | PED 2014/68/EU | purchased from manufacturer scope. | ial (fittings) shall be m PED approved within the approved | |
| | | | | | | | | | 6 | R | | Rh #1/1/2021 | size is outside scope, the ma | terial should be er EN 10204 3.2 by | |
| | | | | | | | | | | | | 0 | Note: a | | |

| Remarks | +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed | +NT +QT +S +SR | = = = = | normalized and tempered quenched and tempered soft annealed stress relieved | а | = PMA for the use in pressure equipment in Directive 2014/68/EU neccessary |
|---------|---|-------------------------|---------|--|---|--|
|---------|---|-------------------------|---------|--|---|--|