

# Certificate of Approval

This is to certify that the Management System of:

**forgiatura A.VIENNA S.r.l.**

Via Ospiate 46/48, 20017 Rho - MI, Italy

has been approved by Lloyd's Register to the following standards:

**ISO 9001:2015**

Approval number(s): ISO 9001 – 0043002

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

**The scope of this approval is applicable to:**

Production of open die forgings, hot rolled rings and shell rings, pre machined and finish machined items, with various shapes, for various applications, with the single piece weight up to 200 tons, such as: valve bodies, balls for ball valves, closures, pinions, seat rings, tubesheet plates, reactor shell rings, forged plates, forged tubes, elbows, flanges, nozzles, shipbuilding shafts, turbogenerators shafts, press cylinder bodies, elliptical heads, spherical heads, channel heads, bars, nuclear plant forged components, oil&gas forged components; forged components for chemical and petrochemical plants, components for gas turbines and compressors; all in steel material grades; carbon steel, low, medium/high alloyed steel, stainless, titanium grades and superalloys.

Production of ingot with Electroslag Remelting Process (ESR) in inert atmosphere with the single piece weight up to 250 tons, in following steel grades: carbon steel, low, medium/high alloyed steel, stainless steel and superalloys.

Deep drilling machining, boring, sanding, vertical and centre turning and milling on mid/large seized pieces for third parties.



**Daniel Oliva Marcilio de Souza**

Area Operations Manager - South Europe

Issued by: Lloyd's Register Quality Assurance Italy Srl

for and on behalf of: Lloyd's Register Quality Assurance Limited



# Certificate Schedule

Location	Activities
<p><b>forgiatura A. VIENNA S.r.l.</b> Via Ospiate 46/48, 20017 Rho - MI, Italy</p>	<p><b>ISO 9001:2015</b> Production of open die forgings, hot rolled rings and shell rings, pre machined and finish machined items, with various shapes, for various applications, with the single piece weight up to 200 tons, such as: valve bodies, balls for ball valves, closures, pinions, seat rings, tubesheet plates, reactor shell rings, forged plates, forged tubes, elbows, flanges, nozzles, shipbuilding shafts, turbogenerators shafts, press cylinder bodies, elliptical heads, spherical heads, channel heads, bars, nuclear plant forged components, oil&amp;gas forged components; forged components for chemical and petrochemical plants, components for gas turbines and compressors; all in steel material grades; carbon steel, low, medium/high alloyed steel, stainless, titanium grades and superalloys.</p> <p>Production of ingot with Electroslag Remelting Process (ESR) in inert atmosphere with the single piece weight up to 250 tons, in following steel grades: carbon steel, low, medium/high alloyed steel, stainless steel and superalloys.</p> <p>Deep drilling machining, boring, sanding, vertical and centre turning and milling on mid/large seized pieces for third parties.</p>
<p><b>forgiatura A. VIENNA S.r.l.</b> Via Alfeo snc, 26040 Cella Dati - CR, Italy</p>	<p><b>ISO 9001:2015</b> Vertical turning and milling, heat treatment on mid/large seized pieces.</p>



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# ATTACHMENT

to ISO 9001:2015 certificate of approval No 0043002 dated 3 November 2017, expiring  
on 11 November 2020 issued to:

## FORGIATURA A.VIENNA SRL

Via Ospiate 46/48, 20017 Rho - MI, Italy

The Quality Management System supports the requirements of Annex I, chapt. 4.3 of

### DIRECTIVE 2014/68/EU



Gilles Bessiere

Issued by: Lloyd's Register Quality Assurance Italy Srl

Current Issue Date: 16 January 2019  
Expiry Date: 11 November 2020  
Certificate Identity Number: 0043002 - PED

Original Approvals:  
PED – 12 November 1993

Approval Number(s): 0043002 - PED

The application of the requirements of 2014/68/EU Directive, attachment I, chapt 4.3 is referred to the manufacturing of:

Open die forgings, hot rolled rings and shell rings, pre machined and finish machined items, such as: valve bodies, balls for ball valves, closures, pinions, seat rings, tubesheet plates, reactor shell rings, forged plates, forged tubes, elbows, flanges, nozzles, shipbuilding shafts, turbogenerators shafts, press cylinder bodies, elliptical heads, channel heads, spherical heads, bars, nuclear plant forged components, oil&gas forged components; forged components for chemical and petrochemical plants, components for gas turbines and compressors;

made in

MATERIALS	MATERIAL SPECIFICATION	DIMENSIONS
Ferritic and martensitic steels with specific requirements at elevated or low temperatures	EN 10025, EN 10222-2, EN 10222-3, EN 10222-4, EN 10222-5, EN 10250-2, EN 10250-3, EN 10273, DIN 17100, DIN 17103, DIN 17243, DIN 17280	With product weights up to 200 tons.
Stainless steel	EN 10222-5, DIN 17440	With product weights up to 60 tons.

# ATTACHMENT

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Stainless steel	ITER_D_2DX6KS v1.4 ITER_D_2EFZGP v1.3 and RCC-R edition 2007 sect. RM3321	With product weights up to 60 tons.
Forgings, carbon steel for piping components	ASTM A105/A ASTM A 105M	With product weights up to 200 tons.
Forged or rolled alloy steel pipe flanges, forged fittings and valves and parts for high temperatures	ASTM A182/A182M	With product weights up to 200 tons.
Carbon and low-alloy steel forgings, requiring notch toughness testing for piping components	ASTM A350/A350M	With product weights up to 200 tons.
Carbon steel forgings for pressure vessel components	ASTM A266/A266M	With product weights up to 200 tons.
Alloy steel forgings for pressure and high temperature parts	ASTM A336/A336M	With product weights up to 200 tons.
Quenched and tempered carbon and alloy steel forgings for pressure vessels	ASTM A508/A508M	With product weights up to 230 tons.
Carbon and low alloy steel forging with mandatory toughness requirements	ASTM A765/A765M	With product weights up to 230 tons.
Carbon and alloy steel forgings for pipe, flanges, fittings, valves and parts	ASTM A694/A694M	With product weights up to 200 tons.
Nickel Alloy Forgings	ASTM B564/B564M	With product weights up to 60 tons.
Flat-Rolled Stainless and Heat- Resisting Steel Plate	ASTM A480/A480M	



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