

This is to certify that the Quality Management System of:

### IBF S.p.A. Via E. Berlinguer, 18 20872 Cornate d'Adda Frazione Colnago (Monza e della Brianza) - Italia

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standards:

ISO 9001:2008

The Quality Management System is applicable to:

Design, manufacture and stockholding of seamless pipes, butt welding seamless and welded fittings, forgings, standard and at clients specification, piping components in carbon, low alloy, austenitic, superaustenitic, martensitic, duplex steel, nickel and copper alloys, titanium from 0.5" to 72".

Further information related to the products are detailed in the attachment bearing the same number.

Certificate Approval

No: LRC 0121029/QMS/U/EN

Original Approval: 29th November 1991

Current Certificate: 29th May 2016

Certificate Expiry: 14th September 2018

Issued by: Lloyd's Register Quality Assurance Italy Srl for and on behalf of Lloyd's Register Quality Assurance Limited





# IBF S.p.A. Via E. Berlinguer, 18 20872 Cornate d'Adda Frazione Colnago (Monza e della Brianza) – Italia

#### Locations

IBF S.p.A. Via E. Berlinguer, 18 20872 Cornate d'Adda Frazione Colnago (Monza e della Brianza) Italia

IBF S.p.A. Divisione Raccordi Via Bonina Est, 20 29010 S. Nicolò di Rottofreno (Piacenza) Italia

Approval Certificate
No: LRC 0121029/QMS/U/EN

#### **Activities**

Design, manufacture and stockholding of seamless pipes, butt welding seamless and welded fittings, forgings, standard and at clients specification, piping components in carbon, low alloy, austenitic, superaustenitic, martensitic, duplex steel, nickel and copper alloys, titanium from 0.5" to 72".

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# IBF S.p.A. Via E. Berlinguer, 18 20872 Cornate d'Adda Frazione Colnago (Monza e della Brianza) – Italia

#### Locations

IBF S.p.A. Divisione Raccordi Via Malpaga, snc 29010 Calendasco (Piacenza) - Italia

IBF S.p.A. Divisione Raccordi Via Ancona, 3 29010 Calendasco (Piacenza) - Italia

Approval Certificate No: LRC 0121029/QMS/U/EN

#### **Activities**

Design, manufacture and stockholding of seamless pipes, butt welding seamless and welded fittings, forgings, standard and at clients specification, piping components in carbon, low alloy, austenitic, superaustenitic, martensitic, duplex steel, nickel and copper alloys, titanium from 0.5" to 72".

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# IBF S.p.A. Via E. Berlinguer, 18 20872 Cornate d'Adda Frazione Colnago (Monza e della Brianza) – Italia

### Locations

IBF S.p.A. Divisione Tubi Senza Saldatura Via Gandhi, 17/19 20010 Vittuone (Milano) - Italia

IBF S.p.A. Divisione Tubi Senza Saldatura Via Gandhi, 1/3 20010 Vittuone (Milano) - Italia

Approval Certificate No: LRC 0121029/QMS/U/EN

#### **Activities**

Design, manufacture and stockholding of seamless pipes, butt welding seamless and welded fittings, forgings, standard and at clients specification, piping components in carbon, low alloy, austenitic, superaustenitic, martensitic, duplex steel, nickel and copper alloys, titanium from 0.5" to 72".

Design, manufacture and stockholding of seamless pipes, butt welding seamless and welded fittings, forgings, standard and at clients specification, piping components in carbon, low alloy, austenitic, superaustenitic, martensitic, duplex steel, nickel and copper alloys, titanium from 0.5" to 72".

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to ISO 9001:2008 certificate of approval No LRC 0121029/QMS/U/EN dated 29<sup>th</sup> May 2016, expiring on 14<sup>th</sup> September 2018 issued to:

IBF S.p.A.

Via E. Berlinguer, 18 20872 Cornate d'Adda - Frazione Colnago (Monza e della Brianza) – Italia

The Quality Management System supports the requirements of Annex I, chapt. 4.3 of Pressure Equipment Directive (PED) 97/23/EC.

The application of the requirements of 97/23/EC directive, attachment I, chapt 4.3 (Pressure Equipment Directive) in the quality management system is exclusively referred to the manufacturing of

In house production of small-medium quantities and out sourcing production for industrial quantities

Material used and related International Standards:

Pipes, fittings, flanges, forging and piping components

Dimensions: from 0,5" to 72".

made in

#### FITTINGS:

<u>Carbon Steel</u>: ASTM A105; A234 WPB WPC; A350 LF2 LF3; A333 Grade 3, Grade 6; A420 WPL3 WPL6; A860 WPHY52, WPHY60, WPHY65, WPHY70; A694 F52-F60-F65-F70; A516 Gr.52-60-65-70; A508 Gr.1-Gr.1A-Gr.3; ASME SA105; SA234 WPB WPC; SA350 LF2 LF3; SA333 Grade 3, Grade 6; SA420 WPL3 WPL6; SA860 WPHY52, WPHY60, WPHY65, WPHY70; SA694 F52-F60-F65-F70; SA516 Gr.52-60-65-70; SA508 Gr.1-Gr.1A-Gr.3.

Low Alloy Steel: ASTM A234 WP1, WP5, WP9, WP11, WP12, WP22, WP91; A182 F1, F5, F9, F11, F12, F22, F23, F36, F91, F92; A336 F1, F5, F9, F22, F91; ASME SA234 WP1, WP5, WP9, WP11, WP12, WP22, WP91; SA182 F1, F5, F9, F11, F12, F22, F23, F36, F91, F92; SA336 F1, F5, F9, F22, F91; EN 10253-2 10CrMo 5-5, 10CrMo 9-10, 15NiCuMoNb 5-6-4, X10CrMoVNb 9-1, X10CrWMoVNb 9-2, 16Mo3, 14MoV63; EN 10222-2 10CrMo 5-5, 10CrMo 9-10, 15NiCuMoNb5-6-4, X10CrMoVNb 9-1, X10CrWMoVNb 9-2, 16Mo3, 14MoV63.

Attachment No LRC 0121029/QMS/U/EN Rev. 0

Date: 29<sup>th</sup> May 2016

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Austenitic Stainless Steel: ASTM A403 WP304, WP304L, WP304H, WP316, WP316L, WP316LUG, WP316LN, WP316Mo, WP316Ti, WP316N, WP317, WP317L, WP321, WP321H, WP347, WP347H, WPS31254, WPS34565; ASTM A182 F304, F304L, F304H, F316, F316L, F316LUG, F316LN, F316Mo, F316Ti, F316N, F317, F317L, F321, F321H, F347, F347H, F44, F49. ASME SA403 WP304, WP304L, WP304H, WP316, WP316L, WP316LUG, WP316LN, WP316Mo, WP316Ti, WP316N, WP317, WP317L, WP321, WP321H, WP347, WP347H, WPS31254, WPS34565; ASME SA182 F304, F304L, F304H, F316, F316L, F316LUG, F316LN, F316Mo, F316Ti, F316N, F317, F317L, F321, F321H, F347, F347H, F44, F49; EN 10253-4 X5CrNi 18-10, X6CrNiNb 18-10, X6CrNiTi 18-10, X5CrNiMo 17-12-2, X1CrNiMoCuN 20-18-7.

<u>Ferritic/Austenitic Stainless Steel</u>: ASTM A815 S31200, S32205, S39274, S39277, S32520, S32750, S32750, S32760, S31803, S32950; ASME SA815 S31200, S32205, S39274, S39277, S32520, S32550, S32750, S32760, S31803, S32950; ASTM A182 F51, F52, F53, F54, F55, F57, F59, F60, F61; ASME SA182 F51, F52, F53, F54, F55, F57, F59, F60, F61; ASME SA182 F51, F52, F53, F54, F55, F57, F59, F60, F61; EN 10253-4 X2CrNiMoN 22-5-3; EN 10222-5 X2CrNiMoN 22-5-3.

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<u>Nickel Alloy</u>: ASTM B366 N02200, WP20CB, N02201, N10276, N08367, N04400, N06600, N06601, N06625, N10675, N08800, N08810, N08811, N08825, N08031, N08904, N08926. ASME SB366 N0220, WP20CB, N02201, N10276, N08367, N04400, N06600, N06601, N06625, N10675, N08800, N08810, N08811, N08825, N08031, N08904, N08926.

<u>Titanium Alloy</u>: ASTM B363 WPT2, WPT3, WPT7, WPT12; ASME SB363 WPT2, WPT3, WPT7, WPT12

PIPES:

<u>Carbon Steel</u>: ASTM A106 Grade B, Grade C; ASME SA106 Grade B, Grade C; API 5L X52 – X60 – X65 – X70.

<u>Low Alloy Steel</u>: ASTM A335 P1, P5, P9, P11, P12, P22, P91; ASME SA335 P1, P5, P9, P11, P12, P22, P91; EN 10216-2 10CrMo 5-5, 10CrMo 9-10, 15NiCuMoNb 5-6-4, X10CrMoVNb 9-1, X10CrWMoVNb 9-2, 16Mo3, 14MoV63.

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<u>Austenitic Stainless Steel</u>: ASTM A312 TP304, TP04L, TP04H, TP16, TP16L, TP16LUG, TP16LN, TP16Mo, TP16Ti, TP16N, TP17, TP17L, TP21, TP21H, TP47, TP47H, S31254, S34565; ASME SA312 TP304, TP04L, TP04H, TP16, TP16L, TP16LUG, TP16LN, TP16Mo, TP16Ti, TP16N, TP17, TP17L, TP21, TP21H, TP47, TP47H, S31254, S34565; EN 10216-5 X5CrNi 18-10, X6CrNiNb 18-10, X6CrNiTi 18-10, X5CrNiMo 17-12-2, X1CrNiMoCuN 20-18-7.

<u>Ferritic/Austenitic Stainless Steel</u>: ASTM A790 S31200, S32205, S39274, S39277, S32520, S32750, S32760, S31803, S32950; ASME SA790 S31200, S32205, S39274, S39277, S32520, S32550, S32750, S32760, S31803, S32950; API 5LC S31803; EN 10216-5 X2CrNiMoN 22-5-3.

<u>Nickel Alloy</u>: ASTM B444 N06625; B622 N10276, N10675, N04400, B407 N08800, N08810, N08811; B423 N08825; ASME SB444 N06625; SB622 N10276, N10675; SB407 N08800, N08810, N08811; SB423 N08825.

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