

# Company Profile

**INOX  
TECH**

HEAVY WALL STAINLESS STEEL WELDED PIPES  
FOR CRYOGENIC SERVICES

# THE COMPANY

INOX TECH Spa  
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# INOX TECH, STRAIGHT TO LEADERSHIP

Inox Tech is a young, dynamic company which began producing stainless steel welded pipes in 1992, and quickly established itself as a leader on the international markets through its two primary strategies namely: total quality and flexibility. Any size of order at a competitive price in all types of Stainless Steel including: Duplex, Super Duplex, SMO and other alloys demonstrates our flexibility. Adherence to customer's delivery needs and technical specification demonstrates our total quality.

Behind Inox Tech's speedy success there is also the experience of Ronda Group: a partner boasting thirty years of leadership in working stainless steel. Exclusive technology, certified products, high quality standards and perfect customer service: this is Inox Tech, a leader on the market and a reliable partner for its customers.

Inox Tech manufactures welded stainless steel pipes in a vast range of sizes and materials. The dimensional range covers diameters from 80mm to 2.000mm, whilst the wall thickness range starts at 4 mm and goes up to 60mm. The standard length of pipes is 6 meters, but it can be also shorter or longer, up to 12 meters, if required.

Many customers now want heavy wall pipe.

Inox Tech manufactures 12 metre long pipe in wall thickness up to 50mm. The benefit to the customer is strong pipe with less joints and therefore reduced overall cost. Inox Tech manufactures these pipes in austenitic stainless steel (303,304 L,316 etc), ferritic austenitic (Duplex, Super Duplex) and in nickel alloys.

**Come to Inox Tech for heavy wall pipes in 12 meters lengths and gain real cost benefits of less joints and reduced cost at erection site.**

# INOX TECH TECHNOLOGY

Inox Tech has invested in the most advanced custom-made production equipment whose high technological level offers significant competitive advantages. This was made possible through a very specific kind of know-how inherent within the Ronda Group, namely a long standing experience in the field of the design, development and construction of highly sophisticated industrial manufacturing equipment.

The whole production line is managed by a network of PCs which control every single phase of the production process: from precision cutting to folding, from welding to calibrating, from finishing right up to the control against the customer-requested specifications. These procedures guarantee uniformity and precision of the results, which mean high quality products.

The versatility of the production system allows the company to apply a great variety of welding processes which includes automatic plasma, GTAW, MIG and SAW in order to meet customer specifications and to suit the type and thickness of the material to be welded.



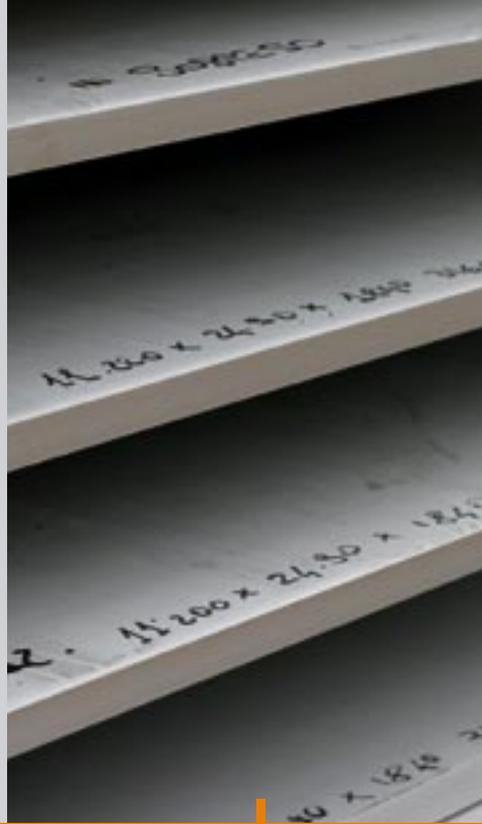
HEAVY WALL STAINLESS STEEL WELDED PIPES  
FOR CRYOGENIC SERVICES



Inox Tech has also invested in human resources and built up through continuous training a highly qualified, multi-skilled team of operators, fully aware of the meaning of "customer satisfaction" enabling the company to offer not only quality products but Total Customer Service Quality.



MANUFACTURING



**RAW MATERIALS AT STOCK**

  
**QUALITY INSPECTION**

**RECORDS**

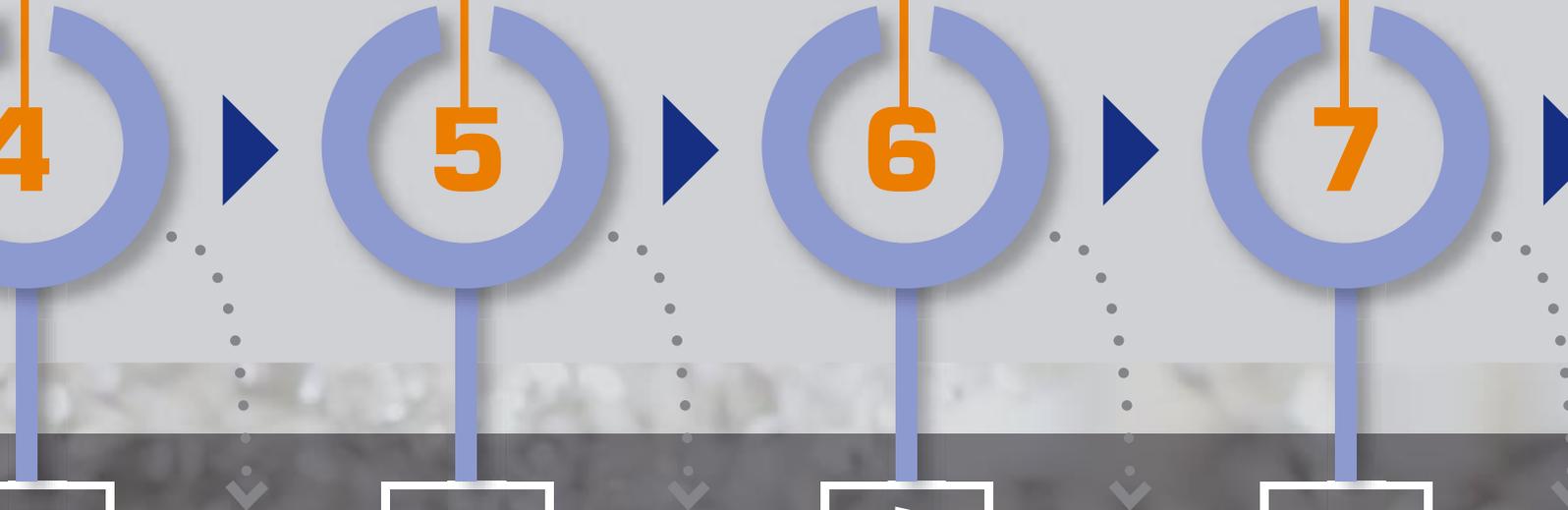
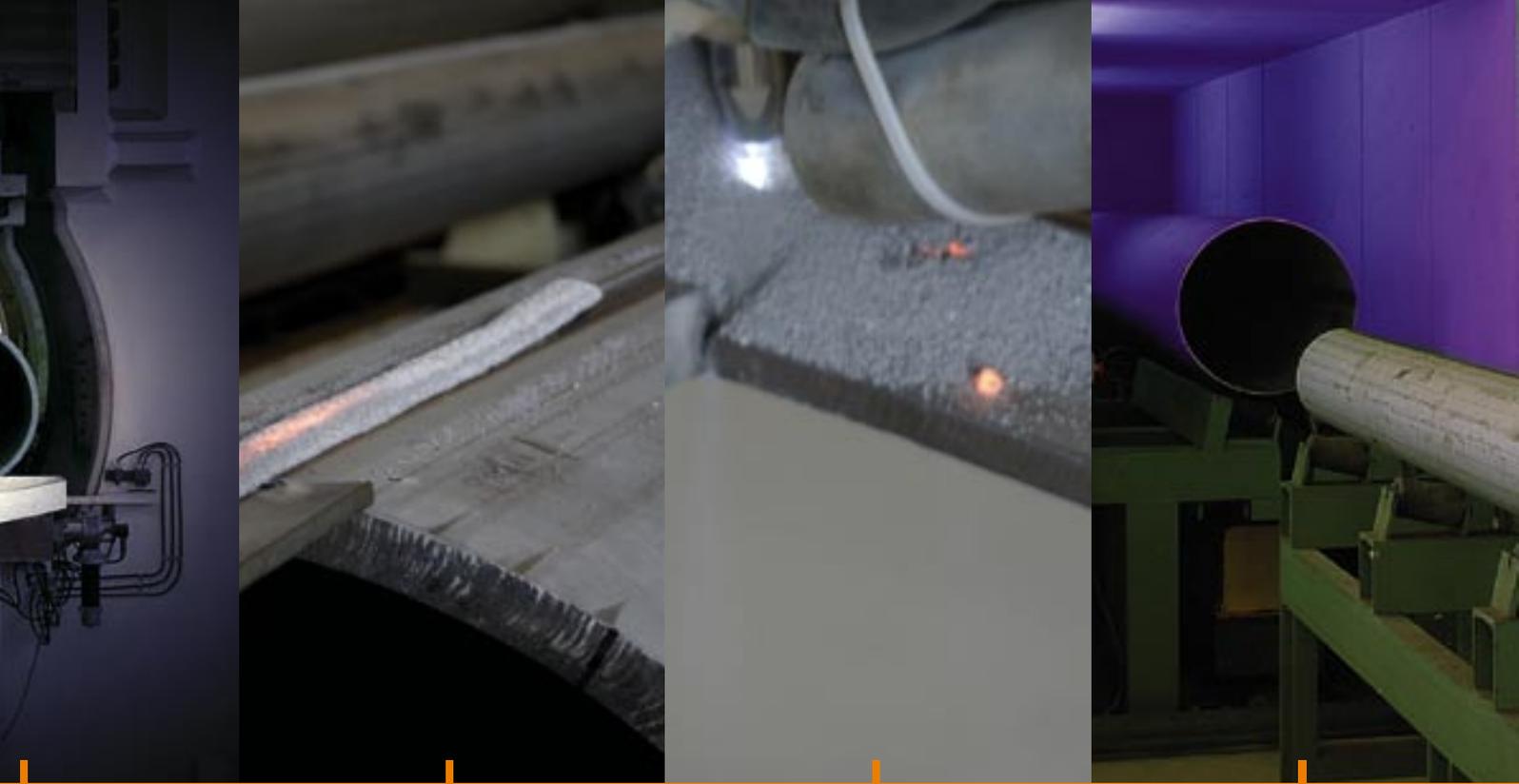
**PLASMA CUTTING**

  
**QUALITY INSPECTION**

**JOINT MACHINING**

  
**QUALITY INSPECTION**

**QUALITY INSPECTION**



**COMPLETE BENDING**

**INTERNAL SIDE SAW**

**EXTERNAL SIDE SAW**

**X - RAYS**



**RECORDS**



8

9

10

11

POST WELD HEATH  
TREATMENT

FINAL CALIBRATION

HYDRAULIC TEST

END BEVELING

  
QUALITY  
INSPECTION

  
QUALITY  
INSPECTION

RECORDS

  
QUALITY  
INSPECTION

RECORDS



**PICKLING AND  
PASSIVATING**

  
QUALITY  
INSPECTION

**FINAL INSPECTION**

  
QUALITY  
INSPECTION

**RECORDS**

**MARKING &  
PACKAGING**

  
QUALITY  
INSPECTION



PROCESS

# INOX TECH FLEXIBILITY

Whilst the high quality of the Inox Tech products is certainly the primary factor in obtaining and maintaining international recognition and success, the custom-made production equipment provides the company with an additional and unique customer service feature namely: flexibility.

The versatility of the production equipment, which is due to its high technological standard, allows Inox Tech to satisfy also small quantity orders with short delivery times efficiently and economically, without interfering with the usual large project work.

This competitive advantage is the result of close contact with the technicians at the manufacturers of the hardware and also the controlling software programmes.



**We produce:**

**ASTMA312  
ASTMA358  
cl. 1-3-5<sup>^</sup>**

**ASTMA790  
A928 - A409 - DIN  
and any other client  
specification**

**GRADE:  
series 300/400/904L/  
UNSS 31254/30815/318  
03/32750/32760; monel  
400/inconel 600/625/  
incoloy 800-800H-825**



The reason for this being possible is that Ronda Group does it all in-house.



# INOX TECH QUALITY GUARANTEE

Inox Tech has obtained the Det Norske Veritas Quality System certification according to ISO 9000, already in 1995, only three years after the start-up of the production. This is an important recognition of the company's commitment and dedication to quality on both product and customer service levels, but at the same time it is also a guarantee for every Inox Tech customer.

All Inox Tech products are accompanied by a mill material certificate, issued in accordance with the European standard EN 10204. All tests and inspections required by international regulations can be carried out by the company: hydrostatic, Dye penetrant, X-rays, ultrasonic and Eddy Current examinations; mechanical, technological and corrosion tests; metallographic investigations and chemical analysis, in accordance with the main standards and codes (e.g. ASME, ASTM, DIN, AFNOR, etc.).

Every pipe is identified by Inkjet marking which also confirms that required controls have been completed. Our standard method of packaging is to strap pipes together in bundles. On request we can add polyethylene wrapping or wooden crates.





# DET NORSKE VERITAS

## QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. / Certificato No. **CERT-0558-95-02-VEN-SINCERT**

It attests that / This certifies that

IL SISTEMA DI GESTIONE PER LA QUALITÀ DI / THE QUALITY MANAGEMENT SYSTEM OF

**INOX TECH S.p.A.**

Via Aldo Moro, 10/C - 45026 Lendinara (RO) - Italy

È CONFORME AI REQUISITI DELLA NORMA PER I SISTEMI DI GESTIONE PER LA QUALITÀ  
CONFORME TO THE QUALITY MANAGEMENT SYSTEMS STANDARD

**UNI EN ISO 9001:2000 (ISO 9001:2000)**

Questo certificato è valido per il seguente campo applicazione:

This certificate is valid for the following products or services:

**Produzione di tubi saldati in acciaio inossidabile e leghe speciali con diametro compreso tra 88.9 mm e 2000 mm e spessore fino a 60 mm**

**Manufacture of stainless and special alloy steel welded pipes with diameter from 88.9 mm to 2000 mm and thickness up to 60 mm**

Luogo e data

Place and date  
Agrate Brianza, (MI) 2004-04-23

Data Per Esposizione

First Issue Date  
1995-07-05

per l'Organismo di Certificazione

for the Accredited Unit  
Det Norske Veritas Italia S.r.l.

Lead Auditor: **ROBERTA DEGANI**

Settore EA: IT

**SINCERT**

Management Representative

For details of product certificate it is recommended a consultation periodical register DNV. For a more complete description of the system see periodical manual.  
The validity of this certificate is subject to periodic audits every 12 or 18 months and the complete re-assessment of the system every three years.  
The certificate is valid only for the products and services specified in the scope of the certificate. It is not valid for other products and services not specified in the scope of the certificate.



# DET NORSKE VERITAS STATEMENT OF CONFORMITY

Application of the Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, as amended.

STATEMENT NO.: 241.1-J-0419

This Statement consists of 1 page and plus appendix

This is to certify that the Quality System of

**INOX TECH S.p.A.**

Via Aldo Moro, 10/C-45026 Lendinara (RO), Italy

for manufacture and testing of  
**WELDED PIPES**

as specified in appendix to this document, is found to comply with  
the requirements applicable to it

The manufacturer's Quality System for the components has been assessed with respect to  
conformity with Annex I (Chapter 3 and 4.3) in the Pressure Equipment Directive.

Applications/Limitations:

Further details of the product and conditions/ limitation for the Statement of Conformity  
are given overleaf.

Place and date  
Havik, 03 July 2002  
for Det Norske Veritas AS

Carl-Martin Gjovik  
Head of Section, DNV 2007/02

Certified Body no.  
0179  
DNV Head office  
Milano

This statement is valid until  
2006-12-31

Martin Johansen  
Director

Note: The certificate is subject to audit and condition. It may demand any significant changes in design or construction of the product, the quality system or assessment or the discovery of fraudulent information may render this certificate invalid. The product liability rests with the manufacturer of the equipment in accordance with the Council Directive, as amended.

The certificate is valid only for the products and services specified in the scope of the certificate. It is not valid for other products and services not specified in the scope of the certificate.

DET NORSKE VERITAS AS      VERITASVEIEN 1, 1322 HAVIK, NORWAY      TEL: +47 47 07 00 00      FAX: +47 47 07 00 11  
Form No. PED Statement of Conformity, January 2001      Page 1 of 2



Appendix: Rev. 0  
Statement No.: 241.1-J-0419

### APPENDIX, REV. 0

#### Covered products:

- Material types : Austenitic stainless steel  
Ferritic-austenitic stainless steel  
Ni alloys
- Material grades : Specifications defined in European Harmonised Standards  
Specifications covered by European Approval of Materials  
Specifications accepted by a Particular Material Approval
- Processes : 1. Plasma Arc Welded (PAW) + Gas Tungsten Arc Welded (GTAW)  
2. Submerged Arc Welded (SAW)  
3. Gas Metal Arc Welding (MIG)
- Dimensions : Outer diameter: 88,9mm-2000mm  
Wall thickness: Area-filletless

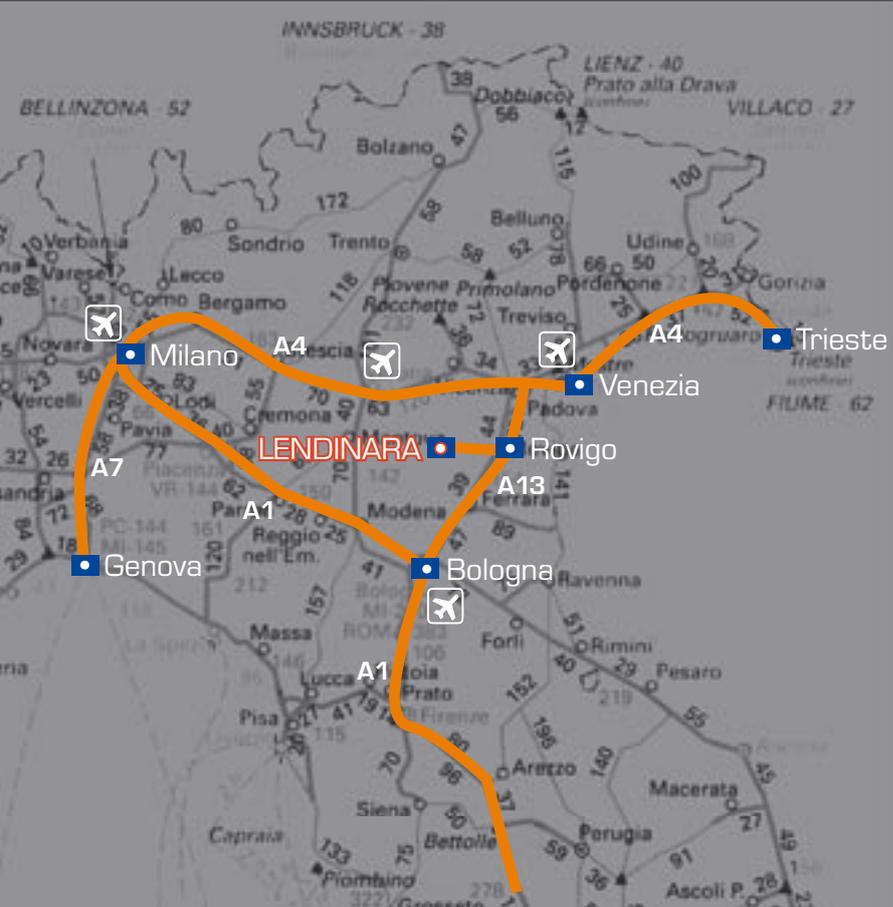
#### Conditions

1. Material grades specified in EN material standards are to be processed by EN manufacturing procedures.  
Materials grades specified in ASTM material standards are to be processed by ASTM manufacturing procedures.
2. Extent of NDE shall be agreed with the purchaser/ designer.
3. The works certificate for welded pipes and fittings shall state the extent of performed destructive testing and non-destructive examination.
4. The components are not subject to CE-marking.
5. Information of any intended adjustments of the quality system must be given to Det Norske Veritas, who will assess the changes and decide if the certificate remains valid.

Place and date  
Havik, 03 July 2002

Martin Johansen  
Director

DET NORSKE VERITAS AS      VERITASVEIEN 1, 1322 HAVIK, NORWAY      TEL: +47 47 07 00 00      FAX: +47 47 07 00 11  
Form No. PED Statement of Conformity, January 2001      Page 2 of 2



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FOR CRYOGENIC SERVICES

Airports:

- Milano - Linate
- Milano - Malpensa
- Verona - Villafranca
- Venezia - Marco Polo
- Bologna - Panigale





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