



INSPECTIONS & CONSULTING S.r.l.

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INSPECTIONS & CONSULTING S.r.l.

- Inspections & Expediting Services -



Reduce Your Costs. Minimize Your Risks. Protect Your Investments.

Company Register n.112526/1998 - CF/P.IVA 00941640328 - Certified ISO 9001:2008, ICIM cert. n. 2149

Accreditation ISO/IEC 17025:2005, ACCREDIA cert. n. 0503 - *per l'elenco prove accreditate: www.accredia.it*

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1. THE COMPANY

IN.CO. S.r.l. was established in January 1998 on the solid knowledge and expertise of highly qualified and skilled Italian personnel, supported by a network of companies and freelancers in Europe and in North America.

Thanks to its strategic location (the head office is based in Trieste, in the North-East of Italy), our company has been able to operate throughout Italy, Austria, Slovenia and Croatia and also in the emerging market of East Europe.

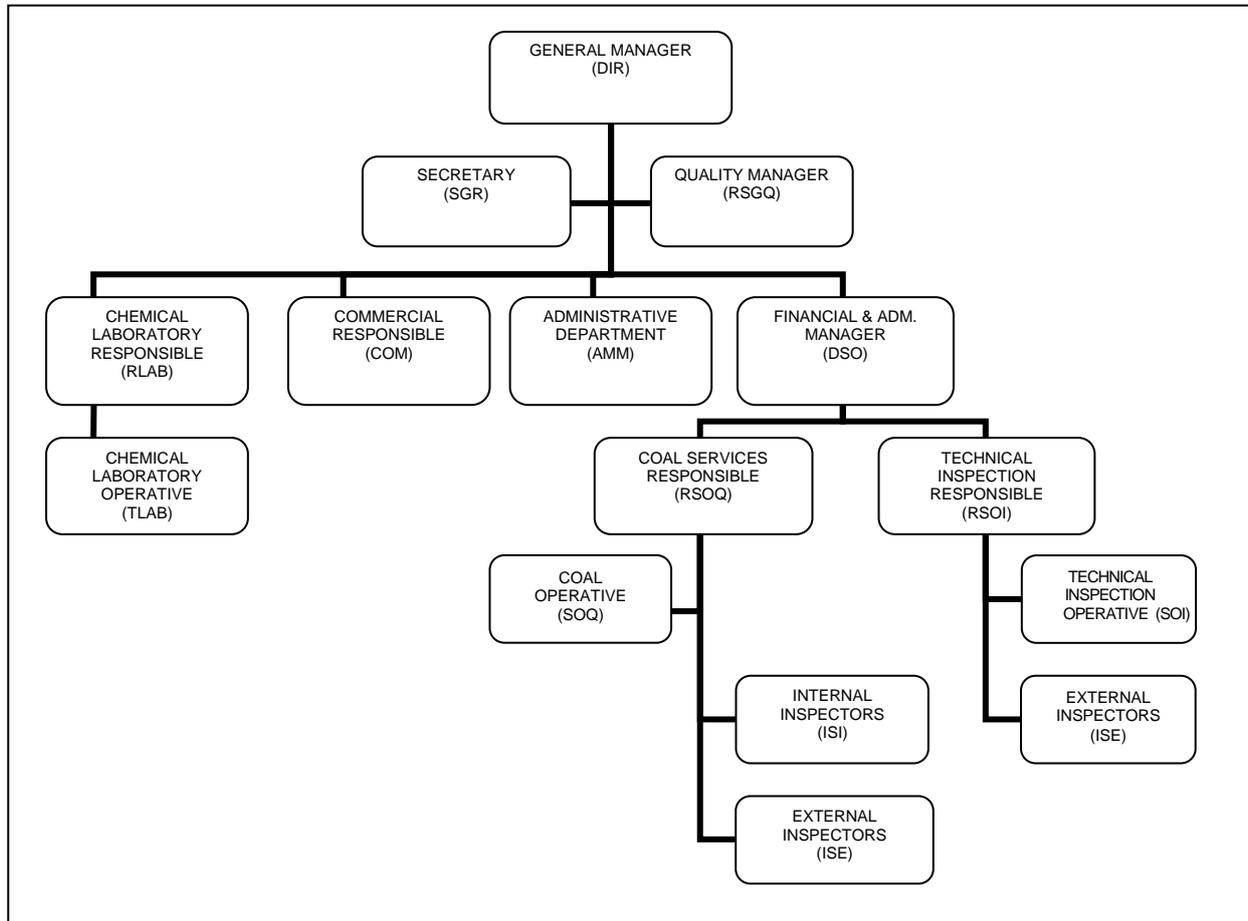
Today IN.CO. S.r.l. has extended its experienced and professional services **worldwide**. Our services are now available in **more than 50 countries**: we are associated to a broad network of international companies (including 10 chemical laboratories) and we proudly counts among our staff about 400 highly qualified international experts in plant installation, mechanical and electrical equipment, instrumentations, non-destructive testing, welding, coating and many other fields.

Furthermore, IN.CO. S.r.l. has entered into a representation agreement with an **Agent Company** located in **Kuwait**, and therefore we are able to operate also for projects developed in the **Arab countries**.

IN.CO. S.r.l. provides inspection, expediting and quality control services worldwide with highly skilled personnel: we guarantee that projects are completed on time and meet all the relevant quality standards and contractual requirements, offering always the most valuable and reliable support as customer satisfaction is our top priority.



1.1 THE STRUCTURE OF INSPECTIONS & CONSULTING S.r.l.



Name of the company	INSPECTIONS & CONSULTING S.r.l.
Initials	IN.CO. S.r.l.
Date of establishment	January 1998
Juridical form	S.r.l.
Chamber of Commerce no.	00941640328 (CCIA – Trieste)
Registered Capital	80.000,00 Euro
Address	Via G. Rossini, 12 – 34132 - Trieste - Italy
E-mail Address	tech@incots.com
Phone No.	(0039) 040 761518
Fax No.	(0039) 040 3720839
Insurance company	Reale Mutua Assicurazioni
Bank	BCC - Trieste, Italy

1.2 THE PHILOSOPHY OF INSPECTIONS & CONSULTING S.r.l.

"Reduce Your Costs. Minimize Your Risks. Protect Your Investments."

This is the expression of our philosophy, which is meant to offer the most valuable services developed case by case: the technical and procedural approach of IN.CO. S.r.l. is specifically customized to the different situations and to the instructions received for each assignment. The client is not only a job reference number: the friendly approach our staff is as well-known as the quality of the services provided.

The company is supported by a dynamic structural organization, allowing IN.CO. S.r.l. to offer always dedicated and high quality services throughout world.

All stages of the interventions are carried out with individual and accurate care and are carefully followed at site by local personnel. Furthermore, precise and prompt updating keeps always the client informed about the progress of each project and, thanks to the flexible structure of IN.CO. S.r.l., every question can find an immediate and direct answer in case of need.

Furthermore, having IN.CO. S.r.l. as partner agency could be a strategic choice to operate especially in Italy, where we cover some key zones such Milan and Florence areas, and where we can assist taking care completely of the current contractual and safety obligations/responsibilities related to the Italian personnel, thus releasing our customers from all associated liabilities.

- IN.CO. S.r.l. is certified according to ISO 9001:2008 since 2001;
- IN.CO. S.r.l. has entered into a representation agreement with an Agent Company located in Kuwait, and therefore we are able to operate also for projects developed in the Arab countries
- IN.CO. S.r.l. is a member of EMA (Expediting Management Association) since March 2001;
- IN.CO. S.r.l. meets all the quality requirements of IFIA (International Federation of Inspection Agencies).



2. INSPECTIONS & EXPEDITING SERVICES

2.1 INSPECTION SERVICES

Inspections & Consulting S.r.l. offers a wide range of inspection services in the industrial and Oil & Gas fields to ensure that all stages of projects meet the necessary quality standards and requirements, through the monitoring and coordination of all activities carried out at the premises of manufacturers and related subcontractors.

IN.CO. S.r.l. technical inspection services are planned and developed according to the specific requirements of our clients: for this reason the activities of inspectors can be organized as follows:

On-call inspection activities

IN.CO. S.r.l. on-call inspectors visit manufacturers and related sub-contractors to verify some specific and crucial stages of production, which have been previously agreed between client and vendor and are identified on the Test Plan as spot witness, spot witness, hold or review points.

The presence of inspectors is requested and defined through the notifications issued by vendors: the most suitable profile is chosen and agreed with client according to the specific skills required for the situation on the basis of the material to be inspected and the test/activity to be carried out.

At the end of each visit, inspectors issue a report, detailing the verified activities and attaching all related documentation (test certificates, photographic report and, if necessary, Non Conformance Reports and Release Notes) to duly inform the client about the results of the inspection.

Resident inspection activities

IN.CO. S.r.l. resident inspectors are present on a permanent basis (usually 8 hours a day and 5 days a week) at vendor premises, to follow closely and step-by step all stages of productions. In this case, inspectors attend all tests and activities marked in the Test Plan, monitoring the entire production process and reporting to client on a regular basis to inform/update about the manufacturing situation.

Furthermore, IN.CO. S.r.l. experienced personnel is able to assess a wide range of productions activities: we count among our staff highly qualified international experts of plant installation, mechanical and electrical equipments, instrumentations, non-destructive testing, welding, coating and many other fields, and as a result we are able to supervise all aspects of productions to ensure that projects meets all quality standard, contractual requirements and technical specifications.

The inspection services offered by IN.CO. S.r.l. includes:

Manufacturer Inspections

- Visit to the premises of vendors and/or related sub-contractors to verify the activities marked as spot witness, witness or hold on the Test Plan;
- Attendance of Pre Inspection/Manufacturing Meetings;
- Inspection of all stages of manufacturing activities (initial visits, in progress and final inspections);
- Witnessing of non-destructive tests;

- Supervision of mechanical test such as hydrostatic test, pneumatic test, leakage test, running test, type test and routine test, performance test, PMI, hardness test, air flow test, hammer test, PWHT and so on;
- Visual, dimensional and quantity control of goods/commodities;
- Painting check with NACE inspectors;
- Welding, coating and lining inspections;
- Verification of production schedule and delivery dates;

Shipment

- Cleaning check (material cleanliness examination and/or external surface preparation);
- Packing and Marking inspection;
- Packing documentation review and issuance of Release Notes for shipment;
- Pre-shipment inspection;
- Monitoring during transportation and shipping of goods;
- Inspection of Packing and Making;

Documentation and Qualification

- Review of test/inspection certificates;
- Review of material certificates (chemical analysis, mechanical properties and so on);
- Verification of Manufacturer Data Books;
- Review of QCP/ITP;
- Examination of vendor technical documentation, procedures and data sheets to verify the compliance with project specification and national/international standards.

2.2 EXPEDITING SERVICES

IN.CO. S.r.l. expediting services ensure that the production program for goods, materials, or equipments is maintained to meet the project schedules at different stages of job development (project, manufacturing or delivery stages) and fulfill the contractual delivery terms.

Our experienced expeditors evaluate the status of a supply and foresee the most feasible delivery dates according to the production situation: the regular presence of an expeditor at vendor premises enables the client to gain precise and updated information about all stages of the production, from engineering to material delivery, manufacturing, quality control, packing and shipping.

Furthermore, expeditors are able to identify any conditions that may cause potential delays and to suggest the best solutions to avoid further postponements and recover the existing delays.

IN.CO. S.r.l. expediting services include:

- Monitoring of material dispatch;
- Evaluation of job status in the view of the overall project;
- Verifications of deadlines and delays;
- Suggestion of solutions/initiatives to preserve the existing manufacturing progress or to recover existing or potential delays;
- Field Expediting Visits and Desk Expediting;
- Supply status update through emission of periodic Expediting Reports.

2.3 MAIN MATERIALS INSPECTED

Base Materials

Castings
 Forgings
 Plates
 Structural Steel

Coatings

Lining
 Painting
 Zinc coating

Components

Actuators
 Adapters
 Adsorbers
 Catalyst Tubes
 Control Heads
 Filters
 Instrumentation
 Manifolds
 Risers & Downcomers
 Seal assemblies
 Spools
 Stabilizers
 Testers
 Welding

Electrical Equipment

Cables
 Control Panels
 Electrical Motors
 Generators
 High and low voltage electrical installations
 Relays
 Switches

Transformers

Wires

Flanges & Fittings

Compensation Bends
 Expansion Bends
 Expansion Joints
 Flanges
 Insulation Joints
 Reducers

Exploration and transport of Gas &

Oil

Casing
 Drill Pipes,
 Line Pipes
 Tubing

Piping Material

Bolting
 Bulk piping
 Expansion Joints
 Gasket and Jointing
 Fabrication Spools
 Pipe Supports
 Process Piping

Pressure Retaining, Heat Transfer and

Process Equipment

Blowers
 Boilers
 Burners
 Cold Collector
 Condenser
 Coolers

Cooling Towers

Dampers

Fans

Fired Heaters

Flares Stacks

Furnaces

Heat Exchangers

Heaters

Nozzles

Pressure Vessels

Pumps

Reactors

Refrigeration Packages

Tanks

Waste Heat Recovery

Rotating Machinery

Blower

Compressors

Diesel Engines

Fans

Gears

Generators

Motors

Pumps

Turbines (gas, steam)

Valves

Ball Valves

Butterfly Valves

Check Valves

Gate Valves

Globe Valves

Plug Valves

Relief Valves

Wafer Valves

2.4 REFERENCES OF MAIN PROJECTS/CLIENTS:

- Acetic Acid Project (Yanbu, Saudi Arabia) – **Sabic, Saudi Arabia**
- Centro Oli Val d’Agri (Basilicata, Italy) – **AGIP, Italy**
- Corinth Refinery Expansion project - **Motor Oil Hellas, Greece**
- Dolphin Project - HIGH SPEED MOTOR + spare parts - **Hitachi Plant Technologies, Japan**
- El Isba-Phase III compressors plant – **AFPC, Syria**
- Enhancement of Rhourde El-Baguel Oilfield (Algeria) - **M.W. Kellogg Eng. Co., USA**
- Ethylene Plant (Beijing, China) – **CNTC, China**
- Ethylene Plant (Brindisi, Italy) – **ENICHEM, Italy**
- Hamaca Crude Oil Upgrader Project (Jose industrial complex, Venezuela) - **Petrolera Ameriven, Venezuela**
- Indonesia Steel Mill construction – **Danieli, Italy**
- IPSA Phase II Pipeline Crude oil pumping stations/terminal marine turbo generator station – **SAIPEM, Saudi Arabia**
- Mexilhão Project - Platform Jacket - Pmxl-1 Tubulars Fabrication – **Mauà Jurong/Petrobras, Brazil**
- Naphtha Reformer Complex (Alexandria, Egypt) - **A.P.C., Egypt**
- North Sumatra LPG Plant - Pertamina (Indonesia) - **Japan Gasoline Corporation, Japan**
- Pearl GTL Project, FGP Works in RAS LAFFAN QATA - **CHIYODA CORPORATION, JAPAN**
- PNG-LNG Plant Project (Papua New Guinea) - **CJJV (Chiyoda-JGC Joint Venture), Japan**

- PTA Plant (Geel, Belgium) - **AMOCO, BELGIUM**
- QATARGAS project 3 & 4 - train 6 and 7 - QCS onshore / onplot NGL expansion project – RAS LAFFAN QATAR – **CTJV (Chiyoda-Technip Joint Venture), France and Japan**
- QATARGAS project phase II- train 4 and 5 - QGII onshore NGL expansion project – RAS LAFFAN QATAR - **CTJV (Chiyoda-Technip Joint Venture), France and Japan**
- RAS GAS project phase II - train 6 and 7 - RGX 6&7 on shore / on plot NGL expansion project– RAS LAFFAN QATAR - **CTJV (Chiyoda-Technip Joint Venture), France and Japan**
- Rebuilding of Damaged facility at GC 15 and BS 130 (Kuwait) - **Fluor Daniel Engineering Company, USA**
- Reformer Package – Brazil – Comperj Project (TWO UNITS) - **ITT CH – Switzerland**
- Refurbishment and Increase of Diesel Treatment Units of UHDT II - Petrobras/Alberto Pasqualini-Refap S.A. – **UTC Engenharia/Petrobras, Brazil**
- Riyadh Refinery Complex, Abqaiq-Maintain Gas Compression Capacity and Haradh Gas Plant - **SAUDI ARAMCO, Saudi Arabia**
- S1 and S2 compressor station for Iranian gas-line (Iran) - **Daelim Engineering and Construction, Korea**
- Sincor Downstream Project (Jose industrial complex, Venezuela) – **Consorcio Contrina, Venezuela**
- South Hook LNG Project - BOG compressors - **ISHIKAWAJIMA – Heavy Industries Co. Ltd, Japan**
- Tabangao Refinery (Philippines) - **Shell, Philippines**
- TAMOIL Petroleum Refinery - Collombey (Switzerland) and Cremona (Italy) - **Foster Wheeler Italiana, Italy**
- Various Locations - expediting activities - **Babcock Engineering, Canada**
- Various locations - inspections activities for Reformers and Heaters - **ITT S.p.a., Italy**

3. CONSULTING SERVICES

In addition to the inspections and expediting activities, IN.CO. S.r.l. offers also a customized consulting service, specifically designed to support the companies to obtain the UNI EN ISO 9001:2008 certification.

The main stages involved in our consulting services are:

- Writing of the Company Quality Manual (carried out by INCO S.r.l. consultant);
- Writing of Technical and Management Procedures (together with company's personnel);
- Verification of already existing documents, and in case modification or implementation of missing documents (carried out by INCO S.r.l. consultant);
- Training of Quality Manager (Adjustment to Quality Management System, Documents organization, Preparation of Internal Audits etc.);
- Training of company's personnel about principles, methods and employment of necessary documents for the correct application of the Quality Management System;
- Execution of Internal Audit to verify the correct application of Quality Management System;
- Assistance and Presence of INCO S.r.l. consultant during the Accreditation Visit (Identification and Relationship with Certification Body etc.).

4. IN.CO. S.r.l. NETWORK & CONTACT DETAILS

IN.CO. S.r.l. NETWORK IN ITALY (covering an area of 200 km from the cities listed below)

Alessandria; Ancona; Bari; Barletta; Bergamo; Bologna; Brescia; Campobasso; Caltanissetta; Chieti; Crotone; Fermo; Ferrara; Firenze; Foggia; Forlì; Genova; Gorizia; La Spezia; Lecce; Livorno; Lucca; Massa; Milano; Monza; Napoli; Novara; Padova; Pavia; Pesaro; Pescara; Piacenza; Pistoia; Rimini; Rieti; Roma; Salerno; Sassari; Siracusa; Sondrio; Taranto; Teramo; Terni; Torino; Trento; Treviso; Trieste; Udine; Urbino; Varese; Venezia; Vibo Valentia.

IN.CO. S.r.l. NETWORK WORLDWIDE – main countries covered

Austria; Belgium; Brazil; Bulgaria; Canada; Chile; China; Croatia; Czech Republic; Estonia; Finland; France; Germany; Japan; India; Indonesia; Malaysia; Mexico; Norway; Poland; Portugal; Romania; Singapore; Slovakia; Slovenia; Spain; South Korea; Sweden; Switzerland; Thailand; The Netherlands; Turkey; UAE; United Kingdom; USA.

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