



► **PROCESS PIPING
& STRUCTURAL STEEL SOLUTIONS
FOR ONSHORE & OFFSHORE APPLICATIONS**



T&C TROUVAY
GROUP & CAUVIN

Channelling energy

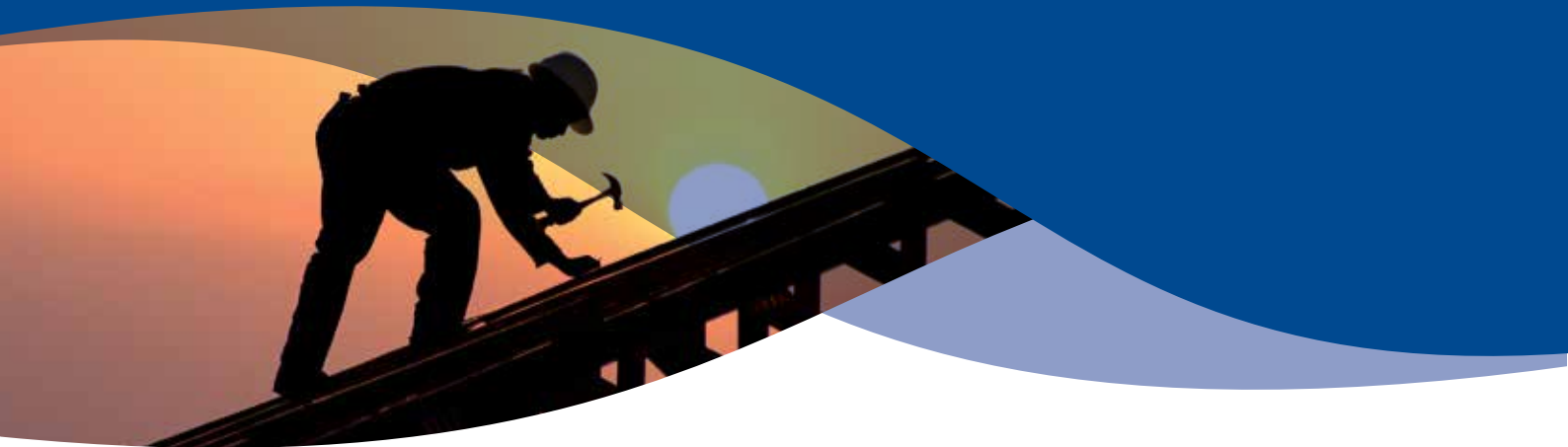


ISO 9001
ISO 14001
OHSAS 18001

YOUR GLOBAL STEEL SOLUTIONS PROVIDER

Trouvay & Cauvin Group is your single point of contact for global steel solutions for both greenfield and brownfield projects, either offshore or onshore.

The steel requirements of such projects are so complex and critical that they can only be met by an experienced specialist with unique capabilities and knowledge such as Trouvay & Cauvin. That's why our solutions always combine high quality material, large inventories, logistics and value-added services at competitive prices.



A tradition of innovation

Founded in 1881, Trouvay & Cauvin Group has become one of the leading stockists and project package specialists for the distribution of steel pipes and tubes, valves, instrumentation equipment and related components used in fluid and gas transmission worldwide. We also carry a full range of structural steel and pressure vessel-quality steel to meet the growing demand of our international customers involved in offshore & onshore developments.

Trouvay & Cauvin Group operates through our main branch office in the Dubai Jebel Ali Free Zone and has 11 offices in the Gulf region. We also support our customers internationally through a network of offices covering North America, Asia Pacific, Europe and Africa. Furthermore, to support our customers in fast-track developments, projects shortfalls, revamps or repairs, when quick supply of steel is required to meet project schedules, Trouvay & Cauvin Group maintains an active 45,000 tons of stocks in the UAE, Saudi Arabia, Qatar, Malaysia and Iraq.



PRODUCTS

Trouvay & Cauvin Group covers the entire product range of process piping and line pipes, structural steel, valves and actuation packages, steam and condensate handling products, as well as instrumentation for use in oil & gas, power, chemical, petrochemical and water treatment industries.



PROCESS PIPING & LINE PIPES

Trouvay & Cauvin Group is able to supply a wide range of CS, SS and AS seamless and welded pipes along with a complete range of the corresponding forged and butt-weld fittings such as elbows, tees, reducers, caps, and branch fittings. We also supply a complete range of flanges up to 20,000 psi.

All our material is sourced from reputed mills with which Trouvay & Cauvin Group maintains strong relationships.

Based on our long-standing experience, we are able to meet any specific project requirement, be it material coating, technical specification or inspection services.



STRUCTURAL STEEL

Trouvay & Cauvin Group also specializes in providing an entire range of structural steel for offshore and onshore applications as well as shipbuilding and pressure vessel-quality steel.

Our range includes:

- hot rolled plates up to 200mm thick in all types of heat treatment (As Rolled/TMCP/ Normalized/ Q&T),
- tubulars, both seamless (up to 24" OD) and welded (14" and above),
- hot rolled Section Beams in imperial and metric sizes up to 914 / W36 and welded Girders above,

- Hollow Sections; equal, unequal and inverted Angles; flat, round and square Bars, in all sizes and grades.

All these products can be supplied in accordance to international standards (i.e API / ASTM / BS / EN...), which can be modified to suit specific technical project requirements.



INDUSTRIES

We support both new-build projects with large requirements and projects MRO/ shortfall requirements in the following sectors:



UPSTREAM

Offshore and onshore production facilities, mining

MIDSTREAM

Pipeline, terminal and storage tanks



VALVES & ACTUATION PACKAGES

Trouvay & Cauvin Group carries a wide range of valves and actuators from leading manufacturers.

Our valve offer covers a wide range of sizes, pressure ratings and grades, allowing us to respond to the needs of a variety of applications and industries. Also, we are able to supply any type of valve, such as Gate, Globe, Check, Ball, Butterfly, Needle and other special application valves.

We also provide Valve Actuation Services, either directly at our Valve Automation Centers or on-site anywhere in the world. We are approved by most of the major end users, and are supported by the main major actuator manufacturers. Retrofit services, including survey and automation of manual valves in service, can be carried out either on site or at any of our facilities.

Our customers are the main players in the project cycle: end users, EPCs, fabricators and maintenance contractors.

DOWNSTREAM

Petrochemicals and refining

OTHER INDUSTRY

Energy, chemicals, water, biodiesel, construction, geothermal



STEAM & CONDENSATE

Trouvay & Cauvin Group provides a full range of products that enable you to handle all the aspects of a steam and condensate systems, to help you save energy and optimise performance.

Our products can be used at any points of a steam and condensate system, from the steam production to distribution points, and from the point of use to the return of the condensate to the boiler.

We carry a wide range of products from the world's leading manufacturers, including all types of steam traps, air vents, drain traps, manifolds and valves.



INSTRUMENTATION

For pressure and temperature measuring instruments, Trouvay & Cauvin Group provides an extensive range of switches, gauges, sensors, transmitters and instrumentation from the world's leading instrumentation specialists that deliver the precision and reliability your applications require.

STOCK

The recognized expertise of Trouvay & Cauvin Group in delivering major project packages is based in large part on our extensive inventories, which are kept in our state-of-the-art facilities. We carry over 45,000 metric tonnes of stock covering process piping and structural steel.

Our inventories are strategically located in logistics hubs close to our customers, to ensure fast delivery. All products kept in stock by Trouvay & Cauvin Group are new, fully traceable and manufactured by reputed mills. They meet or exceed international standards and comply with stringent project specifications.





PROJECT SOLUTIONS

Based on our extensive expertise, Trouvay & Cauvin Group provides tailored solutions designed to optimize the completion of key steps in your project.



PRODUCT PREPARATION

To help extend the service life of pipes and valves, we provide a highly responsive painting/coating service at our on-site coating facility - the only one of its kind in the Gulf region, or subcontracted through reputed third parties in other regions. We offer blasting, internal and external, fusion-bonded epoxy coating, 3LPE and any special coating and painting required by project specifications. Our product preparation services also include hot-dip galvanizing, threading and grooving.



SOURCING & PROCUREMENT

Over the years Trouvay & Cauvin Group has forged strong and strategic partnerships with the most reputable mills and suppliers, allowing us to source, on behalf of our clients, quality products with optimised delivery and at competitive prices. Our regular purchase of large inventories allows us to maintain mills allocations, which can also be used by our customers in case of fast-track development, to provide them with greater flexibility.



PROJECT MANAGEMENT

Thanks to our experience, Trouvay & Cauvin Group is able to provide a unique combination of logistics, expediting, progress reporting, document control, and commercial expertise performed by a dedicated project team. This effective and overall project management service delivers high added value to your development.



TECHNICAL CONSULTING

Before putting your project out to bid, our highly qualified experts can assist you in identifying key areas of potential improvement in product selection, specification, asset management and system design that reduce risks and costs while optimizing productivity.



PRE-COMMISSIONING

We provide a complete range of tailored post-installation services for all your valves, whether they were sourced with us or not.

PROJECT REFERENCES

As a recognized project package specialist, Trouvay & Cauvin Group is regularly involved in major international energy developments. Some of our most recent projects include:

2013 – KSA
SECO Power Plant 12 project
PVF package – 11.2 MUSD

2013 – India
ONGC HRD Process Platform
Structural Steel package – 3 MUSD

2012/2013 – Abu Dhabi
Takreer Ruwais Refinery Expansion project
CS & SS Piping package – 9.5 MUSD

2012 – KSA
Samref Clean Fuel project
PVF package – 7.2 MUSD

2012 – Morocco
OCP fertilizer project
Valves package – 7.4 MUSD

2011/2012 – Australia
BHP Billiton Petroleum Macedon Gas project
PVF package – 5.2 MUSD



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