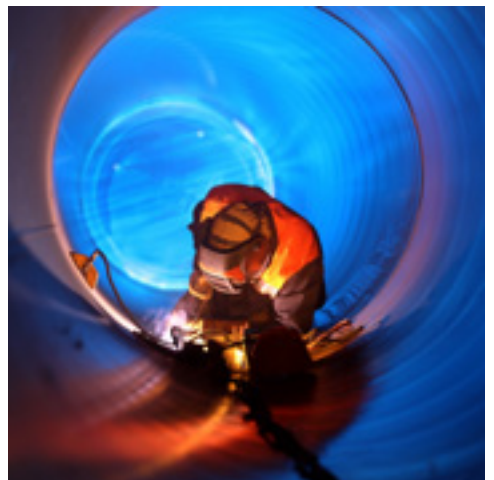


CIMPINA



ENGINEERING \ EXCELLENCE

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Testimonials



"Cimpina have never let us down. No matter what our requirements, large or small – they are always there. The key ingredients of Cimpina's service besides their Ship Repair expertise, is their communication and professionalism. I would highly recommend Cimpina to all other shipping lines including the rest of the Stena Fleet."

UK Technical Manager, Stena Line



"We have used Cimpina Ltd since 1990 as a supplier of coded welding services, in that time they have constantly proven themselves as a reliable company."

Materials Manager, Crane Energy Group



"We are extremely satisfied with Cimpina's service. Their quality of workmanship, supervision and management are excellent. I would recommend their services to anyone."

Completion Manager for Aker Solutions



"We have been working together with Cimpina Ltd. at the Titanic Signature Building and I must say it was the right choice! We have been very satisfied with all works that have been carried out by Cimpina and the cooperation was great."

Senior Construction Manager, Metallbau Früh



"We chose Cimpina because they were able to provide high quality professional engineering solutions, to very high specifications, on time, on budget and with honest integrity. Providing peace of mind for our crew and clients in a very demanding work environment."

Site Manager, A2SEA

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“...we are proud of our
engineering heritage”

Roy McCarroll

Heritage

In 1990, Roy McCarroll embarked on a new venture adjacent to the historic slipways where the Titanic was previously built some 80 years before. Roy, one of the most skilled welders of his time, together with his son Robert, created and developed Cimpina into a leading welding/fabrication company. Nestled in the home of 'Ship Building, Cimpina is proud of its maritime heritage as many of our forefathers were employed in Harland and Wolff.

Times change and so too has Cimpina, branching into the Pharmaceutical, Petrochemical, Aerospace and Food/Drink markets. The core roots however remain in certified welding over a range of metals and processes. Aligned with this, the 24/7 Cimpina Maintenance division provides a full mechanical repair service to key Blue Chip Clients.

We understand the criticality of our work and on a daily basis new requests for repairs due to metal fatigue, damage, or corrosion present new challenges for the team. It could be one of the following:

- cog
- crane
- gangway
- heat exchanger
- lifting beam
- pipeline
- pontoon
- pressure vessel
- rotating arm
- ship
- tank
- tanker

If your operations have stopped we endeavour to get you operational as soon as possible.



Many of our customers remark on not just the responsiveness of the company but also our versatility. As the company has matured the skill set has expanded to include the following:

- Certified/Coded Welders
 - range of processes and materials
- Gas Safe Installers
 - Industrial and Municipal
- Fabricators/Burners/Platers
- Pipefitters
- Plumbers
 - Industrial and Municipal
- Riggers

Continuing the development, Cimpina has branched into complimentary materials such as plastics and GRP – key materials within the Offshore, Petrochemical and Utility Sectors.

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“...for what does it profit a man to gain the whole world and forfeit his soul?” *Matthew 8:36 (ESV)*

Values

Every organisation has a culture or set of values upon which they operate. At Cimpina, our business is an extension of who we are, accordingly we aim to operate based on Christian principles, this includes but is not limited to the following:



- Balanced – in our approach to work and life ensuring all have sufficient time to rest
- Commercially open & upfront – in agreeing payment terms with our clients
- Compassionate & understanding – towards our employees, suppliers and customers
- Continuously improving – and looking at more efficient methods of performing our day to day operations
- Gentle, fair & firm – towards our employees, suppliers and customers
- Integrity – has to pervade everything we do especially when it costs more to do so
- Methodical and Systematic – in how we approach each job and situation
- Patient – in progressing as a team
- Pride – in using our skills to the best of our ability
- Re-Investing – into our staff and equipment
- Trust & Accountability – each person has a vital role to play and needs to step up to perform appropriately

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“...becoming one of the best
in welding and industrial
engineering throughout UK
and Ireland.” *Robert McCarroll*

Direction

As the company continues to develop, investment will continue into the current product portfolio of Access Structures, Tanks, Pipework and Bespoke Products. This has gradually been expanded to include Heat Exchangers, Pressure Vessels and other Water Utility based products.

Cimpina will deepen its product distribution further into the Water Utility Sector and the Offshore Oil & Gas Market. From certified overlay welding of valves (operating at 90 Bar) for projects in the Middle East; to a full skid fabrication for an offshore platform in the North Sea; to an underwater ROV installing cables and pipelines, Cimpina is able to provide a solution to your needs. Engineering, fabrication, installation, commissioning, and after-sales support – we are here to assist.



With a full understanding of industry regulations for Access Structures augmented with CE/EN1090 Certification, Cimpina can make your access ladders, gangways, mezzanine floors and all secondary structural steelworks. As most of the company's work requires full traceability and NDT our focus is in industrial access systems for the offshore, marine, petrochemical and manufacturing markets.

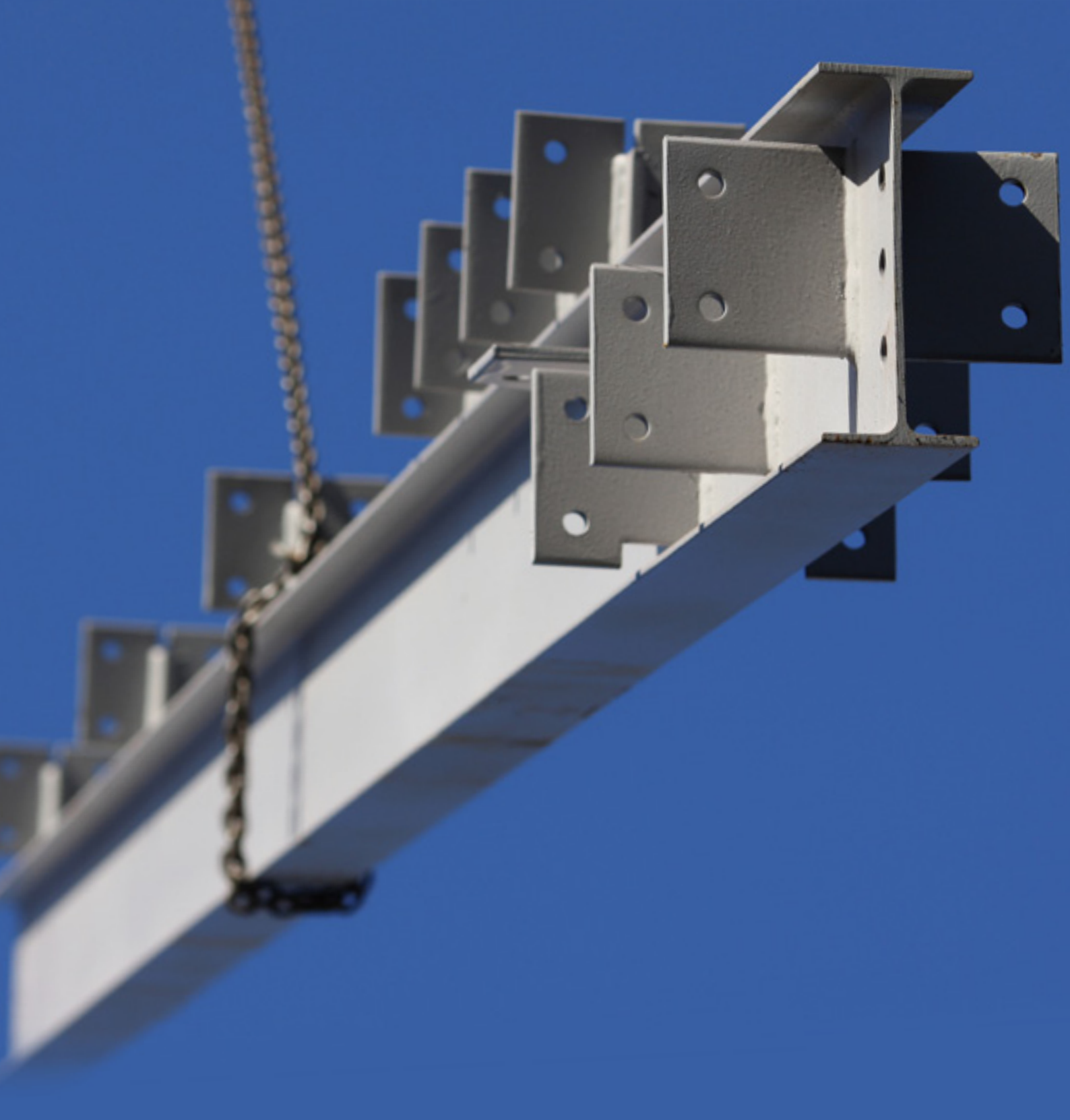
The company has unrivalled expertise in pipework with the ability to undertake Class 1 Pipe installations for steam/ gases. With pipe forming equipment and the necessary welding skills many of Cimpina's customers rely on our abilities built up over 25 years. Further developments are planned within

our Pipework Division notably plastic joining technologies in accordance with EN13067, primarily for industrial single and dual skin pipework in PP/PE/PVDF/ECTFE and PVC.

The Facilities Maintenance Division continues to be strong. Further development within the Public Sectors in both North and South of Ireland is planned.

Cimpina will continue to build alliances within the Ship/Port, Offshore, and Specialist Industries where works need to be undertaken in accordance with approved international standards, manufacturer's recommendations, insurance bodies, regulators and where full NDT is required.





“...alone we can do so little,
together we can do so much”

Helen Keller

Team



One of the greatest assets within Cimpina is the willingness and commitment by the staff to go the extra mile – either for each other or for our customers.

The structure of Cimpina is kept simple with the Managing Director having a day to day oversight of all works.

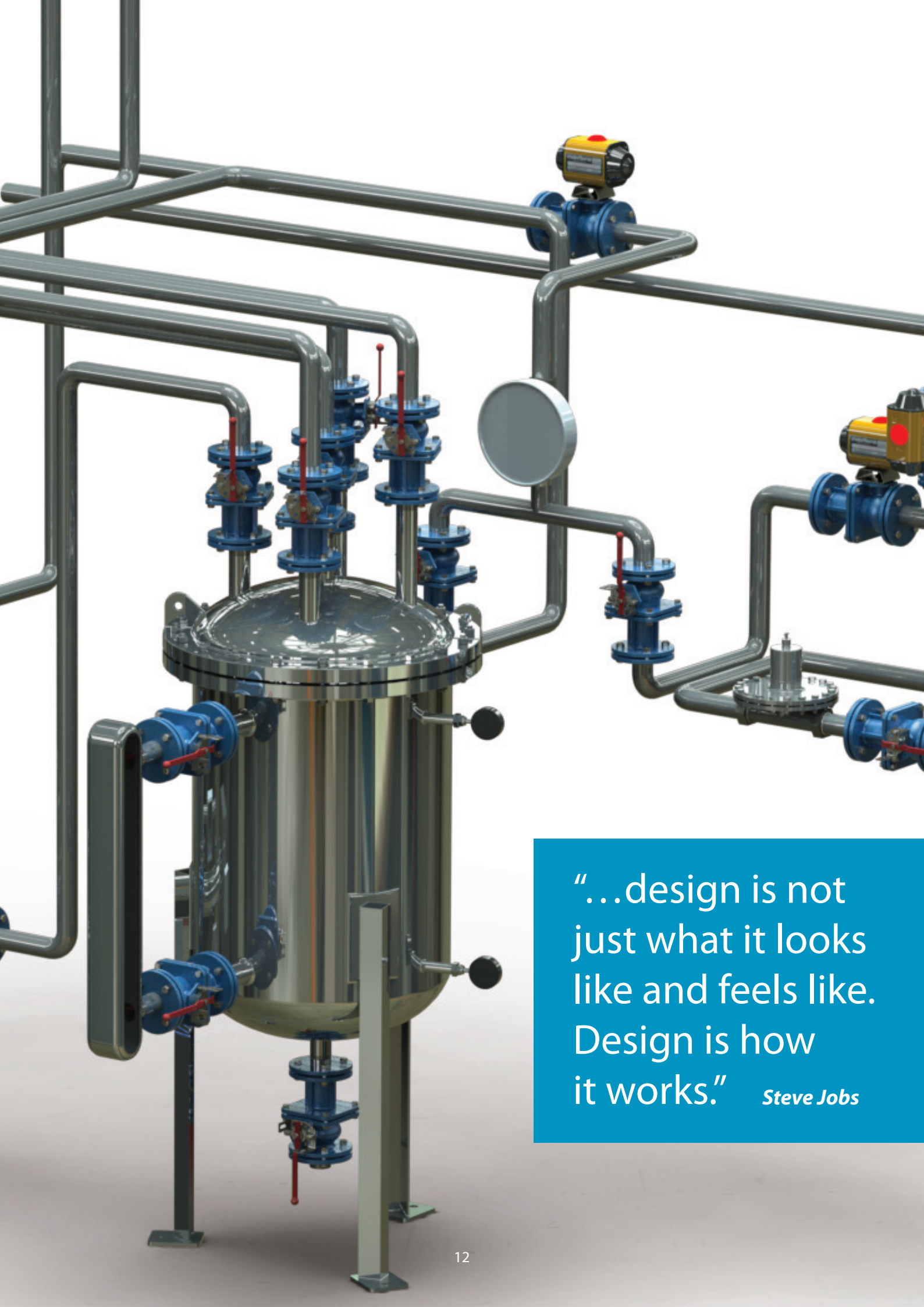
With a core of 20 staff, responsibilities are delegated throughout the team thus enabling a smooth and balanced operational performance. A wealth of experience in contracts management, coded welding, and pipefitting has been accrued and is appreciated by all, especially our key clients. As work requires, the company can draw upon additional support either in production or non-production areas.

The contracts managers are skilled tradesmen with at least 30 years experience each. Some of the coded welders have been with the company for over 15 years.

The design and detailing department has extensive experience from within the shipbuilding, process, structural, architectural and industrial manufacturing markets.

As personnel retire, the incoming recruits go through a systematic and rigorous training programme, augmented by external trainers and assistance from The Welding Institute and CSWIP Certified Engineers.

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“...design is not just what it looks like and feels like. Design is how it works.” *Steve Jobs*

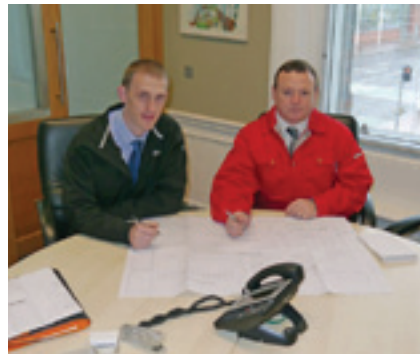
Engineering

Cimpina provides a highly skilled and motivated in house engineering capability. The team are able to design bespoke engineering products and solutions for a variety of applications and industries. There is a wealth of Ship Building and Marine experience; a depth of understanding in the Process and Piping industry; and a firm knowledge of Structural, Architectural and Manufacturing sectors.

As required we call upon additional expertise in the form of a third party Structural Engineer and an expert in FEA analysis.

Bringing all of the above design facets together, augmented with the in-house materials joining expertise via the Responsible Welding Co-ordinator, proven calculations and solutions can be provided.

Fundamental to the design process is understanding the brief from the client. Whilst commercial costs are important, technical compliance is fundamental. Only once designs, calculations, methodologies are approved will fabrications commence. (2D and 3D modelling assists in this communication process).



With regards to material selection we are careful to ensure compatibility between welding consumables and parent material. As members of the BSSA we obtain third party independent advice when additional complexities such as chemical type, temperature range and fluctuation, atmospheric conditions, external and internal pressures are experienced with the finished product when in operation.

Keeping abreast of the latest products and process standards is important. Cimpina has built up an extensive library of standards and monitors any changes or recommendations for improvement.

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“...quality means
doing it right when no
one is looking.” *Henry Ford*

Quality

Our UKAS approved ISO9001 certification by BSI provides the reassurance that our internal quality systems are in place, implemented and current, thus ensuring clients' requirements are understood and products/services provided appropriately.

For welding we have a specific Weld Quality Management System (WQMS) supplemented with the integral Factory Production Control (FPC). A Responsible Welding Co-ordinator oversees all Welding Procedure Specifications aided by the Workshop Foreman/Quality Assurance Manager. All fabrications and site works are monitored before, during and after completion.

Whether it be a full tender submission, job survey, or emergency call out, we have a document trail that enables full traceability and accountability.

Operationally we employ the use of Design Controls, Work Instructions, Programs of Work, RAMS, Quality Plans, Progress Reports, SAT, FAT, and Declaration of Performances/Certificates of Conformity.

In procurement, only approved suppliers and sub-contractors are used and a rigorous goods inwards inspection conducted.

All key equipment is maintained, serviced and calibrated thus ensuring reliable quality and operational efficiency.

Non-conformances and KPI's are recorded with subsequent management reviews addressing any areas needing improvement and the appropriate corrective actions required or positive commendations to staff to be acknowledged.

The quality path is never ending. As technology develops, standards change, new products evolve, and new skills are acquired by the company – we have to maintain and aim for engineering excellence.

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“...people don't care how much you know until they know how much you care”

Theodore Roosevelt

Service

How many times do we hear friends or colleagues speak about the poor service that they've received recently at place X or from company Y?

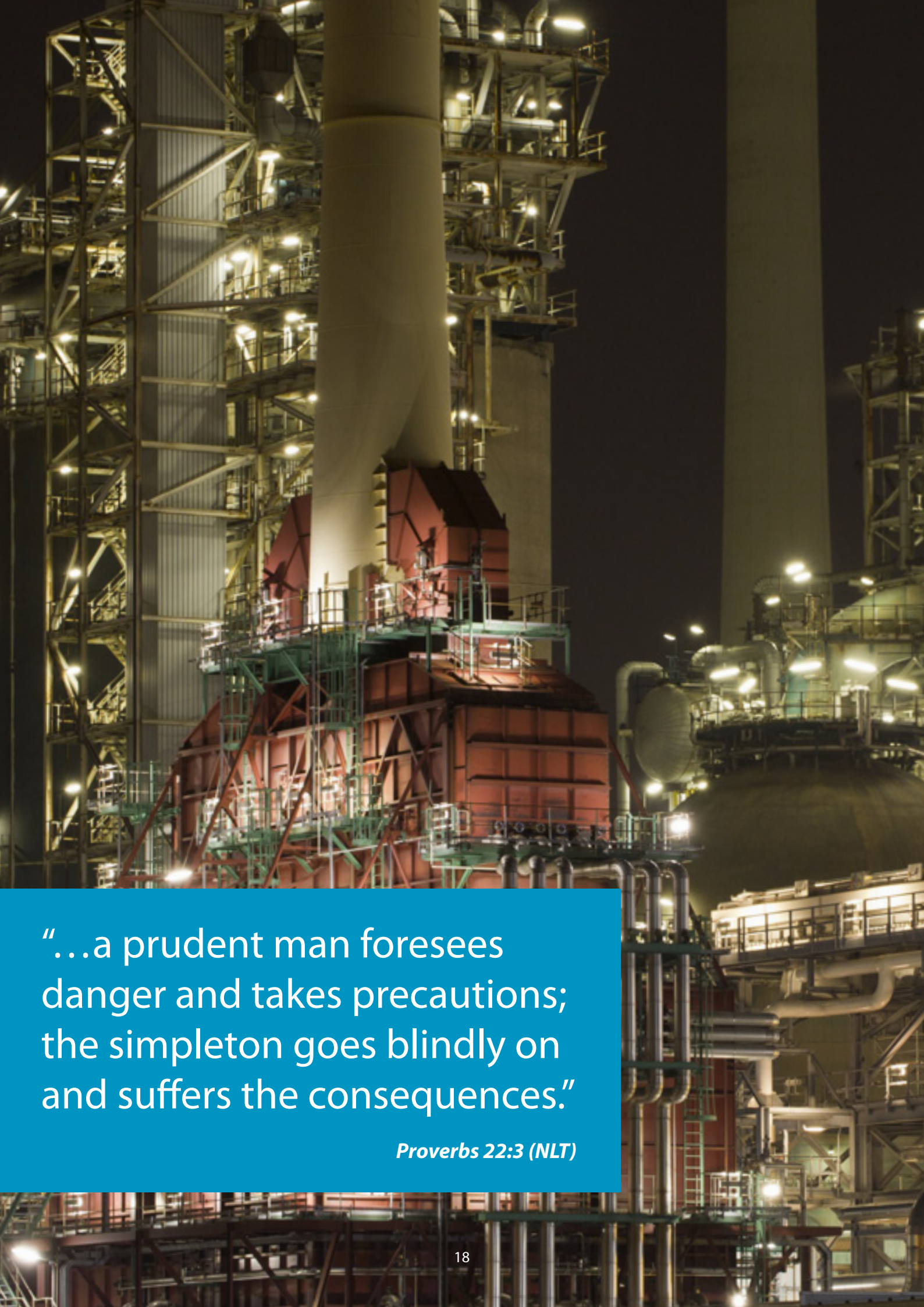
We need each other and our outlook is that not only are we exchanging a product or service for a financial reward, we are also interacting and helping each other – you the customer become our partner, our suppliers are our partners too.

Cimpina has to give the best service to each customer, every day. We ascertain customer needs and then provide an experience they will appreciate. Our service is professional, appropriate, and timely.

We want to keep business simple, attractive and honest – agree everything upfront including commercial terms, agree a plan and timescale for the job, do the job, check the job and sign off.

We also aim to be fair with our employees – whilst ensuring that the customer is kept informed/satisfied this must not be at the expense of a family life. We can all agree there needs to be a healthy balance with customers and suppliers working together in an adequately resourced manner. Emergencies will occur but at such times we will have the strength and capacity to perform.

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“...a prudent man foresees danger and takes precautions; the simpleton goes blindly on and suffers the consequences.”

Proverbs 22:3 (NLT)

Health & Safety

Management of the health, safety, and welfare of our staff is paramount. This extends to visitors, other personnel on site and to the general public.

Cimpina employs all reasonable precautions and preventative measures possible. Full PPE is provided to all staff and notices are clearly displayed to all personnel working close to our operations.

Our operatives are trained in safe systems of work, risk assessment, first aid, fire fighting, mobile elevated work platforms (MEWPs), Construction Health & Safety (CSR), use of powered access equipment (IPAF), asbestos, manual handling, mobile towers and forklift driving.

Full Insurances are maintained for all land based operations with additional Marine and Working at Height Policies endorsed.

Maintaining as clean and safe an operation as possible, particularly with site work can be quite challenging as the example case below explains:

Example case

Working in some of the confined spaces of a ship's ballast tanks can be less than ideal. These difficult conditions present a whole range of issues:-

- How to provide adequate ventilation and extraction
- How to provide adequate lighting
- How to minimise the number of cables/pipes so as to prevent trips and falls
- How to run 3 phase power to these areas where for the welding machines to work properly and yet still maintain a 110 Volt operational site

- How to plan the efficient extraction of men in case of an emergency
- How to minimise the amount of manual handling
- How to communicate effectively within the area and between areas

RAMS are created and issued for each site following a site survey and client discussion. These, along with the quality plan, are integral parts of the day to day operational system within Cimpina and form part of the product /service quality control and the management of health and safety in line with our legislative responsibilities.

Following certification to ISO9001, the company will be working towards ISO18001 certification. Third party verification of our H&S is undertaken by AIG Insurance and SM&M Consulting.





“...Earth provides enough
to satisfy every man’s needs,
but not every man’s greed.”

Mahatma Gandhi

Environment

We believe that businesses are responsible for achieving good environmental practice and operating in a sustainable manner. We are temporary custodians of our environment but we can have an impact beyond our own lifetime if we are not careful with our activities.

We are therefore committed to reducing our environmental impact and continually improving our environmental performance as an integral and fundamental part of our business strategy and operating methods. It is our priority to encourage our customers, suppliers and all business associates to do the same. Not only is this sound commercial sense for all; it is also a matter of delivering on our duty of care towards future generations.

On waste control, we employ the use of 12 different categories of waste management.

On energy management, all sensible improvements will be investigated and implemented.

On sites, Cimpina complies with all applicable sub-contractor responsibilities and this becomes part of the RAMS instructions to our operatives.

Our operations support our customers' environmental risk prevention requirements thus helping to sustain Environmental Licence terms.

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Industrial Stairs, Ladders & Platforms (Metal & GRP)

User safety is paramount when designing access systems – we listen to your needs, assess the environment you work in and consult the legislation you need to comply with.

From a maintenance ladder & platform to carrying out routine inspections on a tank; to a fire escape in a hospital; to a chemical plant requiring a mixture of stainless steel and GRP guarding, walkways and mezzanine floors – we can design, fabricate, and install.

We are UKAS approved to fabricate and install access structures in compliance with EN1090 – all such fabrications come complete with a CE mark. In line with Cimpina's FPC and WQMS, full traceability is provided and a dossier pack is issued to the client on completion.

We are not limited by just working with metals. We understand that the Young's modulus for steels and aluminium are a lot greater than GRP, however we also appreciate the chemical resistance and weight saving that GRP can provide especially in corrosive environments e.g. Combining GRP gratings with an aluminium core structure provide a staircase that has greater slip resistance than conventional aluminium treadplate and nosings. In addition, the contrasting colour scheme and aperture control can provide increased Health & Safety characteristics, show corrosion to sub-structures more clearly and be aesthetically more pleasing – not to forget the increased design life and reduced maintenance costs.

Structural Calculations can be performed to ensure deflection tolerance and load resistance capability, thus if you are looking for 0.36kN, 0.74kN, 1.5kN, 3.0kN or greater – we will engineer a sensible and affordable solution.

For further information on the range of industrial floorings, balustrade and staircase options, or to be guided on the multitude of standards please speak to either Chris or Paul.

Standards that we regularly work to include:

- BS 6180:2011 – Barriers in and about buildings.
- BS 4211:2005 – Specification for permanently fixed ladders
- BS EN1990:2002 – Eurocode. Basis of structural design
- BS EN1991 – Eurocode 1. Actions on structures
- BS EN1993 – Eurocode 3. Design of steel structures
- BS 4592:2006 – Industrial type flooring and stair treads.
- BS EN ISO 14122:2001 – Safety of machinery.
- PG 03/10 – Provides guidance for the selection and design of fixed access systems, as typically found on domestic and industrial buildings, machinery and plant, masts, towers and other tall structures on the Ministry of Defence (MOD) estate.

Full Services

- Design, Calculations and FEA
- Fabricate
- Full Install including Craneage
- Pre-erect in workshop
- Repair and maintenance
- Site Survey

Products

- Access Platforms
- Accommodation Ladders
- Balustrades
- Companion Step Ladders
- Guardrails
- Platform Ladder & Safety Hoop System
- Step Overs
- Walkways
- Wind Turbine Platforms

Flooring Types

- Aluminium Tread Plate
- Durbar Flooring
- FLP Solid Type Flooring
- GRP Flooring
- Open Type Flooring – Various Patterns

Horizontal Guard Loadings

- 0.36kN
- 0.74kN
- 1.5kN
- 3.0kN

Platform/Mezzanine Loadings

- 3.2kN
- 4.8kN
- 7.2kN
- 10kN
- >10kN

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Access Systems - Marine Gangways & Accommodation Ladders (Metal & GRP)

Cimpina is Lloyds Register certified to manufacture marine grade aluminium gangways and accommodation ladders.

User safety relating to Embarkation and Disembarkation is imperative. Using the latest synergic pulse welding machines our products are made to a consistent quality and in compliance with internationally recognised standards (ISO7061 & ISO5488). Full traceability of materials and weld maps are maintained with inspections during and post fabrication.

Our products are clearly marked with the maximum design angle of use and the maximum number of persons permitted onto the structure at any one time. All other mandatory guarding requirements are adhered to/can be accommodated depending on your specific local authority requirements.

Gangways and accommodation ladders are manufactured to order, the end user deciding on the type of tread, handrail, lifting, rotation and deck/land based attachment systems. The longer gangways are typically made in a sectional truss format (as opposed to beam). Our gangways are suitable for operation up to 30 degrees, whilst our accommodation ladders can be used up to 50 degrees.

Our designer can come to site and undertake the required survey in order to ascertain your ideal requirements and the parameters of operation. During this process we take into account tidal movements, ship laden and unladen positions, ship movement and elevation changes, operational loadings and finally method of lift.

Designs are independently verified by a third party structural engineer and an independent load test is performed before the product leaves the factory. Full NDT of the structure again is undertaken by an independent third party engineer.

Aluminium tends to be the material of choice due to strength/weight ratios and anti-corrosion properties. We are able to incorporate the use of GRP, Stainless Steel and Mild Steel into the overall design to provide enhanced features e.g.

1. GRP treads combine well with an Aluminium accommodation ladder giving increased step visibility and slip resistance.
2. Grade 316 Polished Modular Handrail Systems provide enhanced durability and elegance.

In compliance with SOLAS regulations, Cimpina is able to provide an annual maintenance service contract on all gangways and accommodation ladders. Additionally, every 5 years we can organise the required load testing. We understand gangways and ladders are subject to environmental extremes and experience a variety of impact and dead loadings – if repairs are required Cimpina can accordingly send a mobile crew to the site at short notice.

Past clients include port authorities, shipping agents, shipyards, cruise ships, wind turbine installers, passenger terminals, ferry operators, offshore platforms, barge and tanker operators.

Standards

- BSMA89:1980& ISO5488 – Accommodation ladders
- BSMA78:1978 & ISO7061 – Aluminium shore gangways
- ISO7364:2014 – Ships and marine technology. Deck machinery. Accommodation ladder winches

Positioning Mechanism

- Manual, Pneumatic, Hydraulic
- Self-Levelling
- Swivelling/Revolving
- Telescopic

Materials

- Aluminium
- GRP
- Mild Steel
- Stainless Steel

Flooring Options

- Closed Grating with Anti-slip surface
- Open Grating /Perforated
- Treadplate

Handrails

- Aluminium Quick Rail
- Pivotal or Fixed
- Polyethylene Rope
- Pultruded GRP
- Single or Double
- Stainless Steel – Polished

Dock/Pontoon Attachment

- Aluminium Rollers
- Nylon Rollers
- Nylon Wheels

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Storage & Process tanks

Cimpina manufactures high quality storage and process tanks up to 30,000 Litres in capacity in a range of shapes and sizes. Stainless steel is primarily used however depending on the nature of the product/process it may be more prudent to manufacture using Carbon Steel or Lead e.g. Sulphuric Acid at high temperature is better stored in a lead lined tank. Members of the Chlorides group of chemicals are better stored in Carbon Steel tanks.

Our full service includes – design, fabrication, testing, installation and after sales maintenance.

Each tank is custom made and designed to meet the relevant standards. During the design process the full range of environmental and operational factors are investigated i.e.

- Design Life
- Drainability
- Heating & Insulation
- Internal & External Pressures
- Liquid Temperatures – Delivery / Operational /Crystallisation /Boiling/ Flash Point
- Loadings – Wind, Seismic, Personnel
- Location
- Material Compatibility
- Measurement Gauge
- Method of Fill and Empty
- Overflow, Bunding and Leak Detection System
- Personnel Access
- Pipework
- Site Gasket Preference
- Specific Gravity of the material to be stored
- User requirements for disengagement space, liquid min & max operating levels
- Ventilation

Insurance and third party client appointed inspectors are welcome to visit during the planning, manufacturing and testing stages. We organise the NDT using local third party engineers.

On completion of manufacture clients are issued with a complete dossier. This incorporates an operation and maintenance manual, tank declaration of performance, material & consumable mill certificates, welder qualifications, weld procedure specifications, quality plans, test certificates and as-built drawings.

Cimpina also has the ability to manufacture, inspect, and repair pressure Vessels in accordance with PED Standards, completing a range of works with Zurich Insurance. For further information on our pressure vessel capability speak to one of our sales staff.





Typical Product Tanks

- Blending & Mixing Vessels
- Chemical tanks
- Cookers
- Effluent Treatment tanks
- Grease Tanks
- Hoppers
- Pickling Vessels
- Pressure Vessels
- Storage Vessels
- Strainers
- Vats

Standards & Guidelines

- ASME BPVC :2013 Section VIII – Boilers and Pressure Vessels
- BS EN 14620-3:2006 – Design and manufacture of site built, vertical, cylindrical, flat-bottomed steel tanks for the storage of refrigerated liquefied gases with operating temperatures between 0°C and -165°C.
- BS799-5:2010 – Oil burning equipment. Carbon steel oil storage tanks
- EEMUA 147:1986 – Recommendations for the design and construction of refrigerated liquefied gas storage tanks
- EEMUA 159:2014 – Above ground flat bottomed storage tanks – A guide to inspection, maintenance and repair
- EEMUA 183:2011 – Prevention of tank bottom leakage – A guide for the design and repair of foundations and bottoms of vertical, cylindrical, steel storage tanks
- EEMUA 190: 2000 – Guide for the design, construction and use of mounded horizontal cylindrical ves-

sels for pressurised storage of LPG at ambient temperature

- EEMUA 204:2005 – Piping and the European pressure equipment directive – Guidance for plant owners/operators
- EN13445-3:2014 – Unfired pressure vessels. Design
- EN14015:2004 – Specification for the design and manufacture of site built, vertical, cylindrical, flat-bottomed, above ground, welded, steel tanks for the storage of liquids at ambient temperature and above
- PD5500:2012 – Specification for unfired fusion welded pressure vessels
- PED – Pressure Equipment Directive

Shape

- Bunded
- Conical or Dished Base/Top
- Cylindrical
- Single Skin/Double Skin
- Square/Rectangular
- With support legs/Without

Tank Material

- Carbon Steels
- Lead Lined Steel
- Stainless Steels

Pipework

- Carbon Steels
- Class 1 & 2 Pressure Rating
- Copper
- Copper Nickel Alloys
- Double Contained

- Hastelloy
- Inconel
- Monel
- Plastic – ABS, cPVC, uPVC, HDPE, PP, PVDF
- Stainless Steels
- Titanium

FAT

- Hydraulic Test
- Leak Test – Air
- Leak Test – Hydrostatic
- Pressure Test – Air/Hydrostatic

Options

- Access ladders and guarding to top of tank
- Anti-Siphoning Devices
- Audible Alarms
- Davits
- Earthing bosses
- Gaskets
- Gauges – Ultrasonic/Pneumatic/Cat & Mouse/Clear Level
- Heating – Internal Coils/Immersion Heaters/Trace Heating
- Insulation
- Lifting Lugs
- Manways – top or side
- Mixer Bridge
- Mixers – side or top entry
- Nozzles
- Ring plate
- Signage
- Tailing Lugs
- Valves -NRV, PRV, Burst
- Vents – atmospheric, desiccant
- Viewing Ports



Ferrous & Non Ferrous Pipework

A core strength of Cimpina is the ability to fabricate Class 1[1] pipework to British, European and American Standards. For pipelines used in the transfer of solids, liquids, or gases – Cimpina has the complete range of skills and certifications. Operationally the pipework division straddles many market sectors, from Aerospace to Petrochemical. The Oil and Gas market is particularly important as the level of skill and traceability required mirrors our own company ethos.

Our Engineers and Welders are extensively trained and specifically hold Gas Safe Certification and welding certification to ASME IX and EN9606 in TIG, MIG/MAG, Flux Cored, and MMA processes. The range of pipe capabilities extends from small bore up to 1500mm diameter water mains.

[1] Generally pipework operating at ≥ 17 Bar pressure or operating at ≥ 200 Deg Celsius (liquids) / ≥ 200 Deg Celsius (Gas or Steam)

A complete service covering project management, design, fabrication, installation, commissioning and maintenance is provided. The nature of pipework requires the ability to perform well in both planned and reactive/emergency works. We meet this need (a) with our willing and flexible staff and (b) with our extensive pipe workshop facilities which include equipment for welding, threading, bending, lifting and pressure testing. This is further complimented by an extensive range of fittings, gaskets, and pipes.

Pipework rates are either based on term contracts, unit schedules or complete project cost.

On multi-disciplined projects we have a collaborative network of carefully selected contractors who provide services outside of Cimpina's expertise i.e. civil, electrical, instrumentation and HVAC.

With all projects a full traceability and quality assurance pack is issued to

client, which includes quality plan; work instructions, pipeline weld maps, welding procedure specifications, welders qualifications, material inspection certificates, performance and test certificates.

Core Skills

- Coded Welders
- Mechanical Fitters
- Pipe fitters
- Plumbers
- Riggers
- Steel workers

Method of Pipe Fitting

- Brazing
- Capillary
- Compression
- Crimped
- End Feed
- Grooved/ Victualic
- Pressfit/Pushfit
- Screwed/Threaded
- Soldered
- Swagelok
- Welded

Pre Assembled Units (PAU's/Skids) complete with all pipework, valves & gauges

- Ammonia Refrigeration PAU
- Cold Water/Chilled Water PAU
- Heat Exchanger PAU
- Nitrogen Receiver PAU
- Pre-assembled Pipe Racks (PAR's)
- Pressure Vessel PAU
- Steam Boiler PAU

Types of Pipelines

- Chemical (Acidic or Alkaline)
- Compressed Air
- Fuel
- Glycol
- Heating
- High Pressure Steam
- Hygienic /Cleaning In Place (CIP)
- Natural or Liquefied Petroleum Gas
- Odour Control
- Petrochemical
- Process (e.g. within the food industry)

- Refrigeration (e.g. Ammonia)
- Steam & Condensate
- Water

Specific Pipework & Pieces

- Concentric & Eccentric Reducers
- Dual Contained
- Equal & Unequal Branches
- Flow Bends/Spools
- Line Stops
- Lobster Backs
- Segmental Bend
- T Sections
- Y Pieces

Optional Accessory Items

- Earthing bosses
- Gaskets
- Gauges – Flow, Temperature, pH, Pressure
- Pipe supports
- Valves – Actuated or Manual

Commissioning/Testing

- Gas Tightness Test
- Pressure Test – Air/Hydrostatic
- Purging

Pipework Documentation

- Consumable Inspection Certificates
- Material Inspection Certificates
- NDT Reports
- Performance and Test Certificates
- Pipeline Weld Map
- Pressure Test Reports
- Quality Plan
- Welders Qualifications
- Welding Procedure Specifications
- Work Instructions

Pipework Project Team

- Management & Design- Project Manager, Design Engineer, Site & Workshop Foreman, Welding Engineer
- Tradesmen – Coded Welders, Pipe fitters, Riggers, Mechanical Fitters,
- Sub-contractors – Scaffolders, Craneage, NDT, Heat Treatment

(Ferrous & Non Ferrous Pipework continued overleaf)



Coded Welding

- **AMSE BPVC IX:2013** – Welding, brazing and fusing qualifications: Qualification standard for welding, brazing, and fusing procedures; Welders; Brazers; and welding, brazing and fusing operators
- **API1104:2013** – Standard for Welding Pipelines and Related Facilities
- **ASME B31 Series** – Standards of Pressure Piping
- **ASME BPE:2012** – Bioprocessing Equipment
- **ASME I :2013** – Rules for construction of power boilers
- **ASME IX: 2013** – Welding, Brazing and fusing Qualifications
- **BS 1113:1998** – Specification for design and manufacture of water-tube steam generating plant (including superheaters, reheaters and steel tube economizers)
- **BS EN 12952** – Water-tube boiler standards
- **BS EN 13480** – Metallic industrial piping. General
- **BS12953:2012** – Shell boilers. General
- **BS2633:1987** – Specification for Class 1 arc welding of ferritic steel pipework for carrying fluids
- **BS2790** – Specification for design and manufacture of shell boilers of welded construction
- **BS4515-1:2009** – Specification for welding of steel pipelines on land and offshore. Carbon manganese steel pipelines
- **BS4515-2:1999** – Specification for welding of steel pipelines on land and offshore. Duplex stainless steel pipelines
- **ISO13847:2013** – Petroleum and natural gas industries. Pipeline transportation systems. Welding of pipelines
- **ISO15607:2003** – Specification and qualification of welding procedures for metallic materials. General rules
- **ISO15614:2014** – Specification and qualification of welding procedures for metallic materials.
- **ISO5817:2014** – Welding, Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded). Quality levels for imperfections
- **ISO960:1998** – Plastics. Polyamides (PA). Determination of water content
- **PD5500:2012** – Specification for unfired fusion welded pressure vessels
- **PED** – Pressure Equipment Directive

Material Codes

- **API 5L Line Pipe** – Line pipe for dependable transmission of oil and gas to any type of collection and distribution point.
- **ASTM A 106 Tubes** – Standard specification for seamless carbon steel pipe for high-temperature service
- **ASTM A213:14** – Seamless Stainless Steel – Standard specification for seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes
- **ASTM A312** – Standard Specification for seamless, welded and heavily cold worked austenitic stainless steel pipes
- **BS12953** – Shell boilers. General
- **EN10210:2006** – Hot finished structural hollow sections of non-alloy and fine grain steels. Technical delivery requirements
- **EN10216-1:2013** – Seamless steel tubes for pressure purposes. Technical delivery conditions. Non-alloy steel tubes with specified room temperature properties
- **EN10216-2:2013** – Seamless steel tubes for pressure purposes. Technical delivery conditions. Non-alloy and alloy steel tubes with specified elevated temperature properties
- **EN10216-5:2013** – Seamless steel tubes for pressure purposes. Technical delivery conditions. Stainless steel tubes
- **EN10255:2004** – Non-alloy steel tubes suitable for welding and threading. Technical delivery conditions
- **EN10297:2013** Seamless circular steel tubes for mechanical and general engineering purpose. Technical delivery conditions. Non-alloy and alloy steel tubes
- **EN10305:2011** – Steel tubes for precision applications. Technical delivery conditions. Seamless cold drawn tubes for hydraulic and pneumatic power systems
- **ASTM A179:2012** – Seamless cold drawn low carbon steel heat exchanger and condenser tubes

Pipework

- Aluminium alloys
- Carbon Steels – Black, Galvanised, Coated, Plastic lined
- Copper
- Copper Nickel Alloys
- Ductile & Malleable Iron

- Hastelloy
- Inconel
- Monel
- Stainless Steels – Austenitic, Ferritic, Martensitic, Duplex
- Titanium

Surface Treatments & Protection

- Bead Blasting
- Bitumen
- Fusion Bonded Epoxy Coating
- Hot Dip Galvanising
- Pickling & Passivation (Stainless Steel & Duplex)
- Powder Coating
- PTFE
- Rubber
- Shot Blasting

Markets Served

- Aerospace
- Breweries
- Chemical
- Dairies
- Food & Drink
- General Manufacturing
- Government
- Hospitals
- Leisure
- Offices
- Oil & Gas
- Petrochemical
- Pharmaceutical
- Power Generation (Oil, Gas, Renewable)
- Process Plants
- Schools
- Water Treatment

Insulation

- Cellular Glass
- Flexible Elastomeric Foam (NBR or EPDM rubber)
- Glass Wool
- Metal Jacketed
- Mineral Fibre
- Polyethylene
- Rigid Foam – Phenolic, PIR or PUR

Drawings

- General Arrangement
- Isometric
- Piping and Instrumentation Diagram (P&ID)



Plastic Pipework

Plastics have become an integral part of our everyday life. Assembling of plastic pipework is a lot easier than metal pipe assembly, thus it has been a simple integration into our existing skill set.

Our competent pipefitters are CSWIP qualified in plastic pipework fabrication and installation. Additionally, the Gas Safe Certification gives independent reassurance that our operatives have been adequately trained.

We work with ABS, uPVC, cPVC, Polypropylene, Polyethylene and PVDF in sizes from 12.5mm up to 315mm. Depending on the material we can assemble the required pipework via adhesive bonding, hot gas welding, butt fusion, socket fusion, or electrofusion. Dual containment and Insulation solutions can also be provided.

Most of our plastic pipework centres on Chemical, Water and Gas installations working in a range of market sectors. For such works, our pipework rates are either based on term contracts, unit schedules or complete project cost.

Markets Served

- Aerospace
- Chemical
- Dairies
- Food & Drink
- Oil & Gas
- Petrochemical
- Pharmaceutical
- Power Generation (Oil, Gas, Renewable)
- Process Plants
- Water Treatment

Optional Accessory Items

- Gaskets
- Gauges – Flow, Temperature, pH, Pressure
- Pipe supports
- Standard Fittings
- Valves – Actuated or Manual

Commissioning/Testing

- Gas Tightness Test
- Pressure Test – Air/Hydrostatic
- Purging

Key Standards

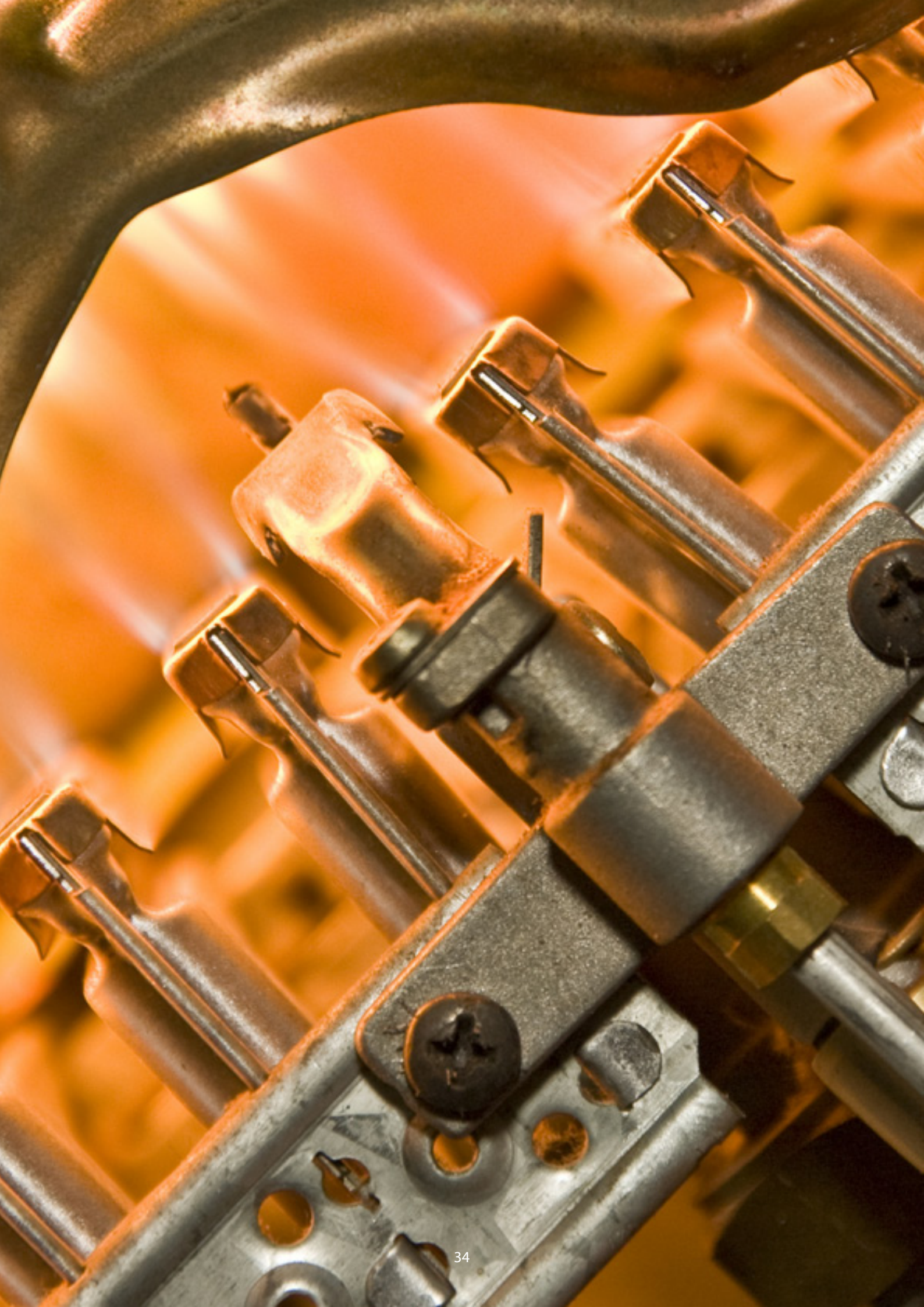
- **EN12201:2013** – plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE). Pipes
- **EN13067:2012** – Plastics welding personnel. Qualification testing of welders. Thermoplastics welded assemblies
- **BS EN 12201:2011** Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE). Pipes
- **EN14728:2005** – Imperfections in thermoplastic welds. Classification
- **EN1555** – Plastics piping systems for the supply of gaseous fuels. Polyethylene (PE). Pipes
- **ISO/TR19480:2005** – Polyethylene pipes and fittings for the supply of gaseous fuels or water – Training and assessment of fusion operators
- **ISO/TS 10839:2000** – Polyethylene pipes and fittings for the supply of gaseous fuels. Code of practice for design, handling and installation. Part 1: Mains and service lines

- **ISO21307:2011** – Plastics pipes and fittings. Butt fusion jointing procedures for polyethylene (PE) pipes and fittings used in the construction of gas and water distribution systems
- **ISO4427:2007** Plastics piping systems. Polyethylene (PE) pipes and fittings for water supply. Pipes
- **BS ISO 4437:2014** -Plastics piping systems for the supply of gaseous fuels. Polyethylene (PE). Pipes

Drawings

- General Arrangement
- Isometric
- Piping and Instrumentation Diagram (P&ID)

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Industrial Heating & Cooling Pipework

Cimpina supply a wide range of commercial and industrial heating and cooling pipework covering LTW, MTW or HTW (Steam) and Ammonia systems. We are also Gas Safe certified to install, repair, test and purge gas pipeline installations.

Our engineers are time served industrial plumbers and pipe fitters who have extensive experience working with seamless pipe, wrought, screwed, flanged fittings, welded fittings, heat exchangers and industrial boilers. In general, at temperatures above 200 deg C (liquids), 220 Deg (gas and steam), or 17 Bar internal operating pressure – our Coded Welders provide Class 1 certified joint quality control.

With all projects a full traceability and quality assurance pack is issued to the client, which includes quality plan; work instructions, pipeline weld maps, welding

procedure specifications, engineer certificates, welders qualifications, material inspection certificates, performance test certificates, and an operation and maintenance manual.

On multi-disciplined projects we have a collaborative network of carefully selected contractors who provide services outside of Cimpina's expertise i.e. boiler, electrics, instrumentation and HVAC.

Pipework rates are either based on term contracts, unit schedules or complete project cost.

Cimpina provide a planned maintenance and emergency call out service providing the necessary reassurance that a plant/building's core heating infrastructure has the necessary response plans in place.

Drawings

- General Arrangement
- Isometric
- Piping and Instrumentation Diagram (P&ID)

Commissioning/Testing

- Gas Tightness Test
- Pressure Test – Air/Hydrostatic
- Purging

Insulation

- Cellular Glass
- Flexible Elastomeric Foam (NBR or EPDM rubber)
- Glass Wool
- Metal Jacketed
- Mineral Fibre
- Polyethylene
- Rigid Foam – Phenolic, PIR or PUR

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General Engineering

Our General Engineering covers a multitude of areas, the core areas include:

Secondary Structural Steel (EN1090 Class 2 Certified)

In 2014 Cimpina became certified to the mandatory EN1090 Certification permitting the fabrication of Steel Structures. Our forte centres around CE marked secondary structural steel and where a client has a requirement for bespoke, small to medium batches of steel assemblies. For construction sites around the Greater Belfast area, we provide a free daily survey and delivery service.

Water & Waste Water Structures & Components

In water works throughout UK and Ireland, apart from the need of our access, tank and pipework systems, Cimpina also fabricate weir plates, launder channels, scum boards, scraper bridges, tipping buckets, aeration systems and pipe bridges. Materials used include Carbon Steel, Stainless Steel, Aluminium and GRP.

Manufacturing Jigs

In many industries, there is a day to day requirement for precision made, reliable manufacturing jigs. With our fully calibrated workshop facilities, accompanied by our internal factory production and weld quality management system, the jigs are fabricated to agreed tolerances.

Sub-Assemblies & Parts

Lifting or securing brackets, plates, flanges, chemical fill lines, support posts, the list goes on – Cimpina can assist.

Metal Art

Cimpina work alongside artists, helping to bring their designs to reality. Our combined efforts are on show in Hospitals, Marinas, and other public arenas. Some pieces aim to give inspiration or a sense of calmness, others aim to reflect the rich and ancient heritage of an area.

To discuss any of the above please contact the office or email sales@cimpina.com

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Ship Repair - Conventional & Fast Craft

For 25 years, Cimpina has maintained many of the vessels that operate in the Irish Sea and beyond. We have built up a reputation for dependability, capability and quality. We also guarantee to be on site in times of emergency within 5 hours of notification.

Our Customers include Stena, P&O, Harland & Wolff, A2Sea, Irish Ferries, Strangford Ferries (DRDNI) and various Shipping Agents.

Working to Shipbuilding and Repair Quality Standard No. 47 with oversight from the MCA and Marine Surveyors (e.g. DNV, ABS, and Lloyds), Cimpina provide the following services:

- Emergency Live Repairs via Riding Crews
- Emergency Moored Repairs
- Out of Season – Floating Repairs
- Routine Maintenance
- Scheduled Dry Dock Repairs

Very few ship repairers in the world are able to weld Marine Grade Aluminium – in 1997 Cimpina mastered the skills required and regularly repairs the Fast Ferry fleet that operates in the Irish Sea.

Our fully coded welders, assisted by our experienced platers, are able to repair hull sections, longitudinals, bulkheads, pillars, propellers, decks, bow thrusters, masts, brackets and stiffeners.

Our skilled pipe and heating engineers are able to complete works on the ship's boilers, hydraulic pipework, heating pipework and ballast tanks/pipework.

We are certified to ASME IX and EN9606 in TIG, MIG/MAG, Flux Cored, and MMA processes.

Ship repair rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our capabilities please call the office or email sales@cimpina.com

Ship Repair Project Team

- Management & Design- Project Manager, Design Engineer, Ship Foreman, Welding Engineer
- Tradesmen – Coded Welders, Platers, Pipe Fitters, Riggers, Mechanical Fitters
- Sub-contractors – Scaffolders, Craneage, NDT, Heat Treatment

Aluminium Fast Craft Repaired

- Irish Ferries – Jonathan Swift
- Isle of Man Steam Packet – Seacat Isle of Man
- P&O – Express
- P&O – Jet Liner
- Sea Containers – Seacat Denmark
- Sea Containers – Seacat Scotland
- Stena – HSS Discovery
- Stena – HSS Explorer
- Stena – HSS Voyager
- Stena – Lynx III

Ro-Ro Vessels Repaired

- DFDS Seaways – Lagan Viking
- DFDS Seaways – Mersey Viking
- DFDS Seaways- Maersk Flanders
- DFDS Seawayssea – Saga Moon
- DRDNI – Portaferry I
- DRDNI – Portaferry II
- DRDNI – Strangford I
- Irish Ferries – Isle of Inishmore
- Irish Ferries – Oscar Wilde
- Irish Ferries – Ulysses
- P&O – MS Norbay
- P&O-European Causeway
- P&O-European Highlander
- Seatruck – Anglia Seaways
- Stena – Caledonia
- Stena – Europe
- Stena – European Highlander
- Stena – Forenia Stena – Mersey
- Stena – Lagan
- Stena – Leader
- Stena – Lynx III

- Stena – Navigator
- Stena – Provence
- Stena – Scotia
- Stena – Superfast VII
- Stena – Superfast VIII

Tanker/Cargo Vessels Repaired

- Harland & Wolff – MV Anvil Point
- Maersk Tankers – Bro Distributor
- Northern Marine Management – MV Aberdeen
- Oriental Ocean Shipping – Sea Empress

Specialist Vessels Repaired

- A2Sea – Sea Installer
- A2Sea – Sea Jack
- Fred Olsen Windcarrier – Brave Tern
- Global Marine Systems Energy – Cable Enterprise
- Global Marine Systems Energy – Cable Explorer
- Husky Oil Operations – Sea Rose FPSO
- Subsea 7 – Seven Discovery

Description of Works

- Ballast Pipework
- Bow Thrusters
- Crack Repairs
- Cunifer Pipework
- Gas Lifting Frames
- Hatch Covers
- Heat Exchanger Pipework
- Hull Section Replacements
- Linkspan Sections & Repairs
- Propellor Repairs
- Ramp Repairs
- Shell Inserts
- Turbine Spreader Beams
- Vent Shaft Repairs
- Waterjets

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Pontoon & Fender Repair

Cimpina provides a repair/ refurbishment capability on Mooring Fenders and Pontoons. Items can be removed from site and repaired in our workshop using manufacturer or similar approved materials. Where removal from site is impractical our site crews can be deployed with or without floating platforms to undertake the necessary repairs.

Our Customers include port authorities, vessel operators, marinas, local councils and specialist port equipment contractors. We also work alongside some of the International Fender & Pontoon Manufacturers enabling a cost effective and efficient after sales service to be provided to the end client.

Mooring Fender Structures that we work on include open pile jetties, dolphins, monopiles and mass structures. Fender panels and extruded profiles can be sourced and replaced with minimum interruption to normal sailing operations. During panel replacements, corrosion preventative coatings can also be applied

to chains, bolts and sub-structures. As required, coded welding repairs can also be performed.

Pontoon Structures – Cimpina undertake works on pontoon Structures made in aluminium, carbon steel, HDPE and GRP. Inspection reports can be undertaken providing guidance on items requiring immediate attention and those which should be planned in the near future. Additionally, contracts for routine inspections can be organised.

To find out more about our capabilities please call the office or email sales@cimpina.com

Typical Fender Maintenance

- Bolt Tightening
- Chain Replacement
- Corrosion Protection
- Lubrication
- Panel & Extrusion Replacements
- Welding Repairs

Typical Pontoon Maintenance

- Bolt Tightening
- Chain Replacement
- Decking Replacement
- Lubrication Corrosion Protection
- New Fixed Mooring Piles
- Wear Block and Connection Block Replacement
- Welding Repairs

Standards

- **BS6349-4:2014** – Maritime works. Code of practice for design of fendering and mooring systems.
- **PIANC:2002** – Guidelines for the Design of Fender Systems

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Oil Rig & FPSO Refurbishment

For over 20 years, as oil rigs and Floating Production Storage and Offloading Vessels (FPSO's) have come into Belfast dry docks for refurbishment, Cimpina has been called upon to supply specialist welding and pipework services both directly to the Rig/FPSO Operators and to Harland & Wolff.

Oil rigs/FPSO's work in some of the most demanding areas where operator and operational safety is of paramount importance. As a consequence, build quality has to be of the highest order. Cimpina's world class welding expertise is a vital ingredient in this refurbishment process and we are pleased to assist as required.

Our workshop, located close to Belfast's dry docks and deepwater site is able to prefabricate sub-sections and complete skid assemblies. We have a full array of

portable equipment including plasma, cutting, bending, gouging, lancing, welding, burning, lighting, breathing and extraction. We can deploy and fully equip up to a max of 7 operational squads.

Charge out rates are either based on term contracts, unit schedules or complete project cost. Our staff are willing to work alternative shifts (Day and Night) in order to fast track works on the rig during periods of peak activity.

To find out more about our capabilities please call the office or email sales@cimpina.com

Clients

- Aker Solutions
- Apply Emtunga AB
- Dolphin Drilling AS
- Harland & Wolff

Previous Oil Rigs

- Dolphin Drilling – Bideford Dolphin
- Dolphin Drilling – Blackford Dolphin
- Dolphin Drilling – Borgland Dolphin
- Dolphin Drilling – Borgsten Dolphin
- Dolphin Drilling – Byford Dolphin
- Husky Oil Operations – Sea Rose FPSO

Description of Works

- Access Stair Repairs/Renewals
- Hatch Covers
- Helideck Repairs /Renewals
- Mud Diffuser Ringmains
- Pipework – Cunifer, Hydraulic

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Marine Renewable Energy Services

Cimpina is ideally located at Belfast Harbour to assist with offshore wind, wave and tidal technologies. Our metal and GRP fabrication/repair services can be used either on the finished product or directly on installation vessels. Additionally, we manufacture and disassemble temporary landside storage structures used to store wind turbine sections.

Most offshore energy producing technologies are subject to significant stresses and strains. The structures need to be able to withstand extreme weather conditions and massive kinetic forces, hence the welding quality needs to be excellent. With our certified Weld Quality Management System and full project documentation, you can rest assured the welding is of the highest order.

Our GRP platforms and guarding, whilst not experiencing the same forces as the

main metallic energy producing parts, do provide a better operational lifespan and help to minimise offshore maintenance costs.

Charge out rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our access structures, welding and fabrication capabilities please call the office or email sales@cimpina.com

Clients

- A2 Sea
- Dong Energy
- Fred Olsen Wind Carrier
- Global Marine Systems Energy
- Marine Current Turbines
- McLaughlin & Harvey – Renewables Division
- Siemens

Previous Renewables

- Brave Tern – Offshore Wind Turbine Installer Vessel
- Cable Enterprise – Wind Turbine Sub-Sea Cable Installer Vessel
- Sea Installer – Offshore Wind Turbine Installer Vessel
- Sea Jack – Offshore Wind Turbine Installer Vessel
- Seagen – Tidal Turbine
- Wind Turbines for West of Duddon Sands

Description of Works

- Access Systems
- Load Out Bays
- Pipework
- Platforms

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Specialist Repair

Keeping plant and equipment operational and safe is vital to all companies. Based on Cimpina's expertise in coded welding, pipework and mechanical maintenance – we are Northern Ireland's No. 1 specialist welding repair company to undertake certified repairs on the following: –

- Aluminium and Stainless Steel Tanker Repair
- Autoclave Repair
- Boiler Repair
- Crane/Lifting Equipment Repair
- Flammable Fuel Road Tanker Repair
- Heat Exchanger Repair
- Machinery/Plant Repair
- Pressure Vessel Repair

We are certified to ASME IX and EN9606 in TIG, MIG/MAG, Flux Cored, and MMA processes.

Most of the repairs are conducted at the clients site and require repair methodologies to be approved and

certified by third party insurers / inspectors. As required, preheat and post heat treatment, hardness testing and other non-destructive tests can be organised.

With all projects a full traceability and quality assurance pack is issued to client, which includes quality plan; work instructions, pipeline weld maps, welding procedure specifications, welders qualifications, material inspection certificates, performance and test certificates/reports.

Repair rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our capabilities please call the office or email sales@cimpina.com

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Hard Facing

Hard facing, sometimes referred to as 'Hard Surfacing' or 'Overlay Welding', provides increased corrosion resistance to pipes, check valve seats and plates. Often this is required where a product is subject to hostile/ sour environments resulting in significant wear/longevity issues e.g. oil & gas industry, mining, materials handling. Product failure is usually due to a combination of wear factors – mining bucket teeth are subject to abrasion and impact wear factors.

With in-house welding expertise and independent advice from The Welding Institute (TWI) we are able to provide advice on the best hard facing welding process, buttering layers, check cracking avoidance, consumable choice, maximum interpass temperature and pre/post heat treatment. We provide customers with a full array of Non Destructive Testing including DPI/MPI, ultrasonic, X-Ray via an independent third party approved supplier.

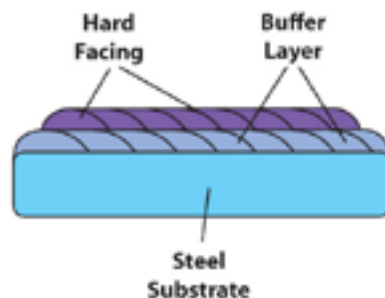
We predominantly use Stellite alloy arc welding electrodes creating a hard face layer of between 1.5 and 20mm thick. Stellite is a specific range of cobalt-chromium alloys designed for increased wear resistance. Other elements such as nickel, iron, aluminium, boron, manganese, phosphorus, sulphur, silicon,

titanium, tungsten, molybdenum or carbon can be incorporated into the composition depending on the parent metal grade and the particular wear resistance required.

In certain applications we can re-apply a new hard facing to extend the life of the part. The hard facing is undertaken both in our workshop and on site. Following completion of works, the client is issued a full documentation pack which includes the welding procedure specification, consumables certificate, weld maps, heat treatment records and welder's qualifications.

Repair rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our capabilities please call the office or email sales@cimpina.com



Wear Factors

- Abrasion
- Corrosion
- Heat
- Impact
- Metallic (metal to metal)

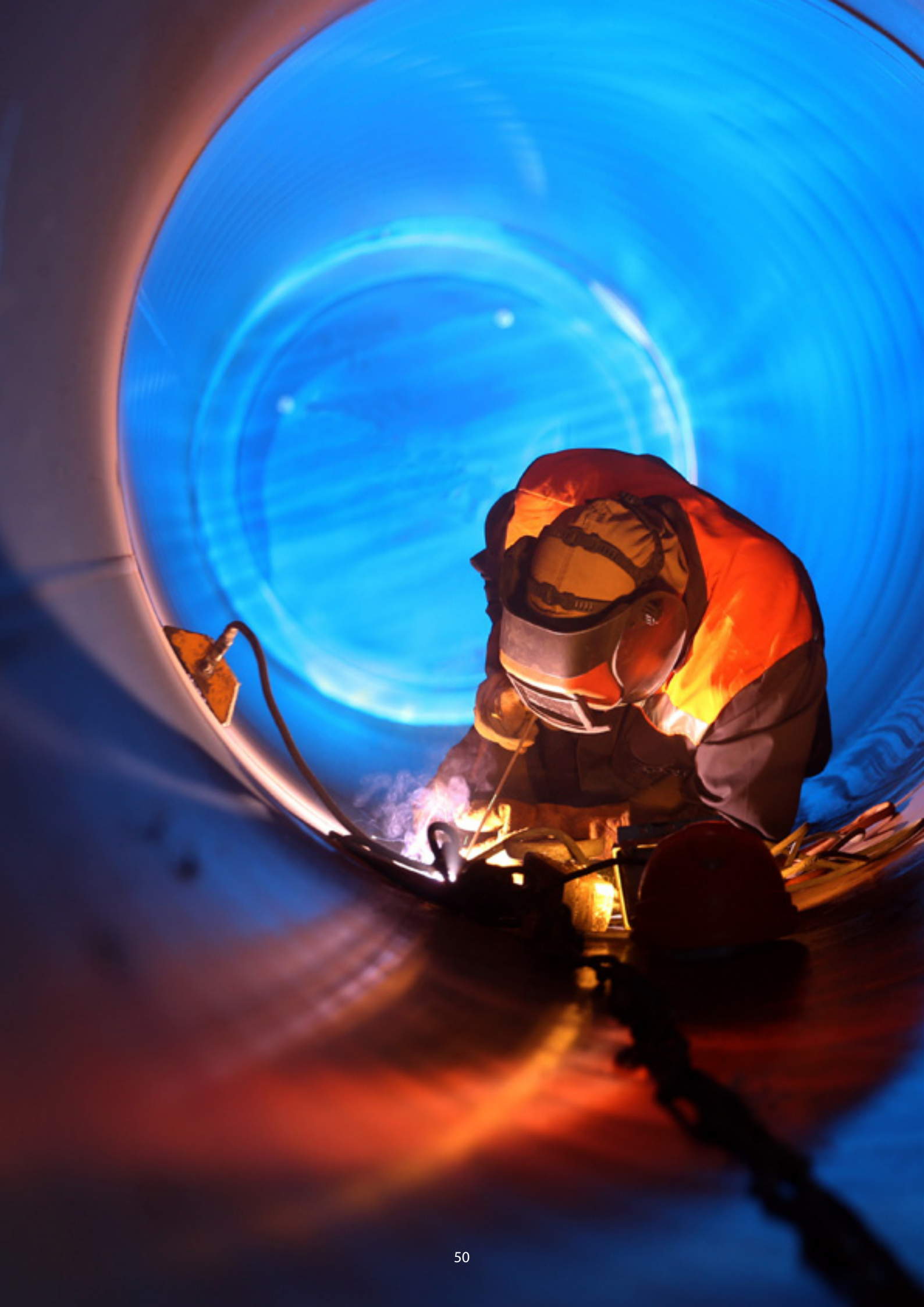
Base Metals to be Hard-Faced

- Austenitic Stainless Steels
- Carbon Steels
- Duplex Stainless Steels
 - Lean/Standard/Super Duplex
- Ferritic Stainless Steels
- Martensitic Stainless Steels
- Nickel/Chrome Alloys

Welding Electrodes

- Stellite 1
- Stellite 6
- Stellite 12
- Stellite 21
- Stellite Alloy C

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Coded Welding

Cimpina maintains one of the largest ranges of approved welding procedures and welder qualifications within Northern Ireland. Certifications to ASME IX and EN9606 in TIG, MIG/MAG, Flux Core, and MMA processes over a range of metals.

Welding is an art that few can master. Our skills have been built up over the years and we continue to invest in the new generation of welders coming through.

Our qualifications and prolongations are all Lloyds Register Certified with destructive and non destructive tests undertaken as required by third party testing houses.

Full record traceability is maintained which includes quality plans, work instructions, weld maps, welding procedure specifications, welders qualifications, material and consumable inspection certificates, performance and test certificates/reports.

On all new fabrications and repairs where the parent metal grade is known, Cimpina is able to provide verification of competency to undertake the works.

Cimpina welding systems are ISO9001 and EN1090 certified and meet Part 3 of

ISO3834. We have a full time recognised welding co-ordinator and all equipment/measuring devices are fully calibrated and maintained.

We have in house competency to write welding procedure specifications and work closely with CSWIP Engineers, Insurance Surveyors, the Welding Institute and the British Stainless Steel Association.

Coded Welding rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our capabilities please call the office or email sales@cimpina.com

Certified to Weld in the following Metals

- Aluminium Alloys
- Carbon Steels
- Copper Nickel Alloys
- Duplex Steels
- Hastelloy
- Inconel
- Monel
- Stainless Steels
- Titanium

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24hr Mechanical Maintenance

Cimpina provides a first rate 24hr call out mechanical maintenance service. Our expertise, certifications and workmen are available to you when required. This exclusive service is provided to a limited number of customers, as we need to retain the ability to react in times of emergency. If you are interested in this service please contact our sales team.

We understand the importance of keeping a facility operational and as buildings and plants age, there becomes a greater need for scheduled and unscheduled maintenance. We guarantee to be on site in times of emergency. We also guarantee to service your requirements during scheduled shut downs.

We have built up a reputation for dependability, capability and quality. For hot works and high risk areas, please be reassured that Cimpina are Gas Safe Certified for all industrial and commercial heating works and our coded welders are certified to ASME IX and EN9606 in TIG, MIG/MAG, Flux Core, and MMA processes. Our skilled welding, pipe and heating engineers are able to complete works on a vast range of items. On the maintenance side we fix leaks, remove

blockages, replace corroded parts, carry out inspections, repair cracks, replace insulation, repair chassis and skids, replace steam coils and traps, replace drop legs, repair and replace air handling units, valves, repair forklift frames, repair autoclaves and heat exchangers – the list goes on.

Cimpina also repair and replace plastic pipework systems in ABS, PVDF, uPVC, cPVC, Polypropylene, and Polyethylene.

For new works, Cimpina fabricate, fit and test pipeworks, tanks, jigs, access structures, and complete heating systems.

For all works undertaken on site we adhere strictly to the client's Safe Systems of Work and all our operatives are trained in a range of Health & Safety courses. Risk assessment and methods statements (RAMS) are prepared and approved by the client before any work takes place.

Repair rates are either based on term contracts, unit schedules or complete project cost.

To find out more about our capabilities or to discuss your requirements, please call the office or email sales@cimpina.com

Systems Covered

- Heating & Cooling Systems
- Chemical Systems
- Materials Handling Systems
- Pneumatic Systems
- Pressure Systems
- Hydraulic Systems

Service Type

- Emergency Call Out
- Scheduled Weekday Maintenance
- Scheduled Weekend Maintenance

Client's Insurance Surveyors

- All NDT Services by Cimpina
- Full Certification and Documentation by Cimpina
- Full Project Management by Cimpina

Rates

- Hourly Rates
- Materials plus agreed % (all invoices declared)
- Job Fixed Price
- Price Per Unit

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“Serving the whole
of Ireland and UK.”

CIMPINA

ENGINEERING \ EXCELLENCE

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