



STS | S T E E L
T R A D I N G
S O L U T I O N S



ABOUT

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Steel Trading Solutions is a key partner in supplying customers in the energy, infrastructure, and mining sectors in Australia and Southeast Asia with specialised steel products by leveraging a global network.

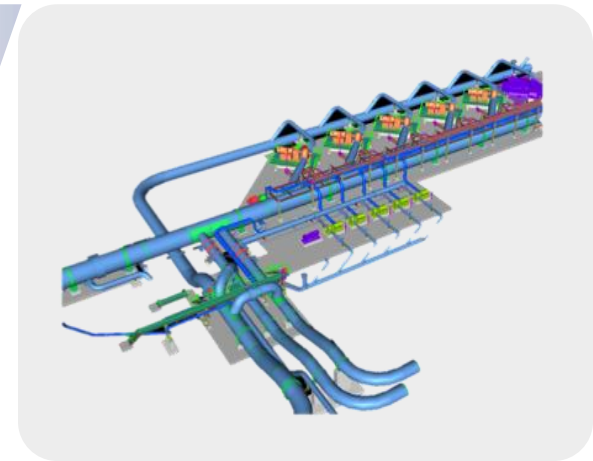
As a project partner who delivers tailored steel packages based on the requirements of our clients, we operate as an experienced steel trading management team with over 40+ years' industry experience delivering tailored steel packages. We have a thorough understanding of projects, we work closely with our customers, utilising both internal risk management procedures and our network of strategic partners around the world, to support them make decisions that add value to their projects. Projects are executed in a clear and open manner to foster confidence in our ability to provide excellent results without sacrificing safety and quality.



STS | STEEL
TRADING
SOLUTIONS



MINING SOLUTIONS



Company Overview

- A global leader in the supply and distribution of high strength structural steels, tubulars, process piping materials and semi finished products (forgings / castings) as part of our long-standing traditional business model.
- We have evolved our business model to provide Integrated Project Management (IPM) including Fabricated Solutions as part of our evolution into becoming more than just a steel distributor.
- We provide project material management to internationally recognizable Owners, EPC & OEM Companies, Fabrication Companies and Shipyards.
- All our products are produced by leading manufacturers and are subject to STS's Quality Control procedures during production, shipment and delivery.
- Access to our partners stockholding facilities globally which are strategically located to provide maximum support to our global client base.
- Technical Support, Logistic Solutions, Project Management and other related services as part of our traditional offering to our clients.

Our Strengths

Long-Standing Mill and Manufacturing Relationships

Clients benefit from our close relationships with leading suppliers across multiple product lines. These relationships, established over many years, help manage the complexities inherent in multi-faceted projects with complex requirements and delivery schedules.

Product and Technical Knowledge

We offer premium products and specialty materials capable of performing in the harshest conditions and most challenging environments; and our commercial, quality, and operational management teams know each product and material well. Our staff come from a broad range of training and experience from engineering, to metallurgy, and project management to manufacturing. This makes us a diverse, in-depth resource for our customers.

Worldwide Access to Inventory and Logistics Expertise

Our network of strategic vendor relationships offers our customers access to materials and project coordination across the globe. Our global network ensures fast and efficient deliveries.

Quality and Project Management

We provide experienced document, quality, and project management services to ensure that customers' materials are delivered as required and on schedule, including coordination with multiple parties involved within a complex project.



Quality and HSE

- The energy, infrastructure and mining sectors are subject to rigorous standards related to health, safety, and the environment. Our customers must be confident that the materials they use are fully certified, traceable, and meet applicable quality specifications.
- At STS, we partner with leading manufacturers who meet or exceed all applicable industry standards.
- Our Quality/HSE employees are knowledgeable and experienced. We continuously train our personnel in order to improve and expand their knowledge and skill sets.

STS Philosophy

STS is a trader who provides Integrated Project Management Solutions (IPM) to create a value adding and sustainable business model

We are evolving because we want to:

- ✓ Mitigate Risk for our Clients, Suppliers, Shareholders and Ourselves
- ✓ Grow our value and eliminate waste for our customers
- ✓ Meet and exceed our quality obligations
- ✓ Work within a “Right First Time” philosophy
- ✓ Promote our capability to manage more complex projects in terms of:
 - additional processing and testing of steel materials
 - complex logistics solutions
 - fabricated solutions including pipe spooling, modules...

In parallel to our traditional steel product trading business

Client Expectation

“Our Customers expectations are evolving”

We are being asked to:

- Manage a high-risk supply chain across multiple geographies
- Provide robust support during manufacturing and production
- Understand and manage increasing rigour in relation to technical specifications, inspection requirements, and documentation
- Carry out additional process to our products
- Handle increasingly complex logistics scenarios
- Proactively manage contractual risk from our customer and supply chain
- Manage multiple international entities (Client and Suppliers) on a single project



Our Point of Difference

STS's Integrated Project Management Solutions create a value adding model for us to evolve from a product Trader and promote our capability to handle more complex projects.

- Mitigate risk for our clients, suppliers and STS
- Eliminate waste and grow profitability for all parties involved
- Work within a “Right First Time” philosophy

Customer and Supplier Service

- Processing and Testing of Material
- Complex Logistics Solutions
- Fabrication Solutions
- Project Management
- Document Control
- Technical Support and Experience

Products

- Structural Steel:
 - Plate, Beams, Columns, Long Products
 - Wear plates
- Seamless & Welded Tubular
- Process Pipe:
 - Fittings, Flanges, Valves
- Various Material Grades / Standards:
including: Australia, European, Japanese, Chinese



Fabrication

- Steel Fabrication
- Modularization
- Galvanizing, Painting, Coating
- Built-Up Beams
- Pipe Fabrication
- Engineering and Design
- Process Skids
- Conveyors & Material Handling Equipment
- Hand Railing and Floor Grating
- Wharf Modules
- Marine Piling Solutions
- Slurry & Water Lines
- Port Handling Equipment



Partnership with CWHI

- STS has third-party exclusive agreement with CWHI to provide Steel Solutions for our clients.
- Headquartered in Shanghai, China
- As one of the leading EPC solution providers in China, CWHI is committed to providing excellence for projects in the fields of Offshore Wind, Water, Mining, Renewable Energy and Infrastructure.
- CWHI has long-term 7 Fabrication Yards in China as well as strategic partnerships with world-leading engineering institutes, manufacturers, logistic companies, construction companies, and third-party inspection companies.



| **OIL & GAS**



| **FOUNDATIONS**



| **OFFSHORE WIND**



| **INFRASTRUCTURE**



| **MINING STRUCTURES**



| **SHIPS & VESSELS**



CNOOD-Wenchong Heavy Industries Co., Ltd. (CWHI), is a world leading solution provider specialising in large scale manufacturing for **oil and gas applications, offshore energy, renewable energy, infrastructure and mining.**



- ✦ ISO 9001:2015
- ✦ ISO 45001:2018
- ✦ ISO 14001:2015
- ✦ Registered with Achilles
- ✦ EN 1090 EXC4
- ✦ EN ISO 3834-2
- ✦ API 2B

With over **40 years** of experience, we have an extensive track record supplying complex projects globally for the energy sector. Through the companies yards located in **China**, we manufacture one of the most complete product ranges worldwide and offers complete solutions for our customers.

CWHI has **long-term and strategic partnerships** with world-leading engineering institutes, logistics companies, third party inspection companies and financial institutions guaranteeing our competitive edge in the world market. The company has also developed an In-house Online Project Management Platform which guarantees demonstrable results and ultimately helps deliver successful projects.

OUR MISSION

Proudly contributing to the world's transition to sustainable energy.

KEY FIGURES



8+

**FABRICATION
YARDS**



1,850,000+

**TONS OF
ANNUAL PRODUCTION**



20,000,000+

**TONS OF
ANNUAL PROCUREMENT
FOR STEEL PLATES**



500+

**PROJECT
REFERENCES**

PERSONNEL QUALIFICATIONS

WELDING

- American Welding Inspector (CWI/SCWI)
- International Welding Inspector (IWI)
- CSWIP 3.2.2
- International Welding Engineer (IWE)

NON-DESTRUCTIVE TESTING

- ASNT Level III/II Certificate
- ISO 9712 UT/RT/MT/PT Level III
- ISO 9712 PAUT/TOFD Level III
- PCN VT/MT/UT/RT
- ChSNDT UT/RT/MT/PT Level II/III

EQUIPMENT

- ASME Qualified Inspector
- ARAMCO Inspector (QM Series Certificates)

With an experienced,
trustworthy and reliable
team, whatever your
project demands,
we're there,
time after time.

COATING

- National Association of Corrosion Engineers (NACE Level II/III)
- The Society for Protective Coatings (SSPC Inspector)
- FROSIO

PROJECT MANAGEMENT

- Project Management Professional (PMP)
- International Project Manager Professional (IPMP)
- Project Expediting (Desk & Field)

OTHERS

- QEHS/ISO Auditor
- Loading/Unloading Inspection
- Multilingual Communication



TO ENVIRONMENTAL PROTECTION

OUR GOALS

- Hit carbon peak before 2028
- Proportion of new energy consumption accounts for at least 10%
- Green industry accounts for at least 20% of total product value

OUR ENVIRONMENTAL POLICY

- Reasonable planning
- Green production
- Environmental protection

TO ACHIEVE OUR GOALS, WE WILL

- Limit the use of harmful pollutants and chemicals
- Seek to lower greenhouse gas emissions
- Use renewable energy sources

Committed to building a better world by reducing its environmental impact as it strives to reach **net zero emissions** by **2050**, generating renewable electricity for consumption across the globe.

Meet the needs of its clients and stakeholders today while protecting and enhancing the natural resources necessary for a **brighter tomorrow**.

Promote sustainable procurement as part of our “**green corporate campaign**”, in order to reduce our environmental footprint as a fundamental priority of the business and its employees.



A SAFETY FIRST CULTURE

GOALS

- Zero work-related injuries and illnesses
- Guarantee a healthy work environment
- Constantly improve our HSE performance

ACHIEVEMENTS (as at 31st December, 2024)

- In 2024, we were proud to achieve a TRIR result of 0.109
- Workforce 99% fully vaccinated
- Extra health insurance for our employees

CERTIFIED

- **ISO 9001:2018**
Occupational Health and Safety Management System
- **ISO 14001:2015**
Environment Management System

Safety is one of the core values at CWHI, we care about all of the people working for and alongside us.

It is a requirement for **all employees** to work in a safe and careful manner, in order to prevent danger to themselves, others and the environment.

While complying with our safety processes in a disciplined way we place a high value on ensuring a respectful and enjoyable work environment for our employees.

Australian Local Content

International Steel Trading and Consulting Pty Ltd

Trading as Steel Trading Solutions

ABN 9765 254 7110

ACN 652 547 110

Registered Head Office: Perth



Steel Trading Solutions does not seek to compete with Australian steel manufacturers. Instead, we complement the local industry by providing steel products that are not readily available in Australia—empowering our customers to compete globally and manufacture more locally

STS's model also includes certain work to be carried out in Australia buy Australian companies, subject to final confirmation;

- Risk Management
- Project Management including but not limited to:
 - Inspection Management
 - Expediting Management
 - Document Submission
- Logistics
- Subcontract Placement with Domestic and International Project Partners
- Project Communications
- Potential to supply Australian Made Steel to our project partners for Fabrication.

Project Case Studies

Cobre Panama

Project Name: Cobre Panama

Client: First Quantum Minerals

Year of Supply: 2017-2024

Approx. Value: USD \$25m

Total Tonnes: 12000

Scope of Supply:

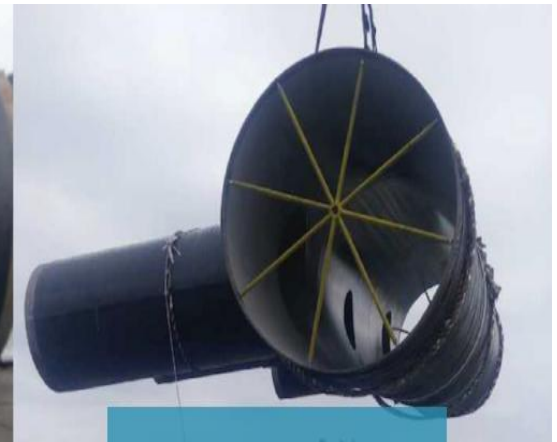
- Large Diameter 1300NB and 1800NB Pipe both Galvanised and Coated with Split Rings Welded
- Additional Package of 2000NB and 2200NB. Largest Pipeline of its kind in the world
- Fabricated Brackets and Mitre Bends either Galvanised or Coated
- Fabricated Pipe Spools for the Dewatering Plant – Carbon Steel and Stainless Steel



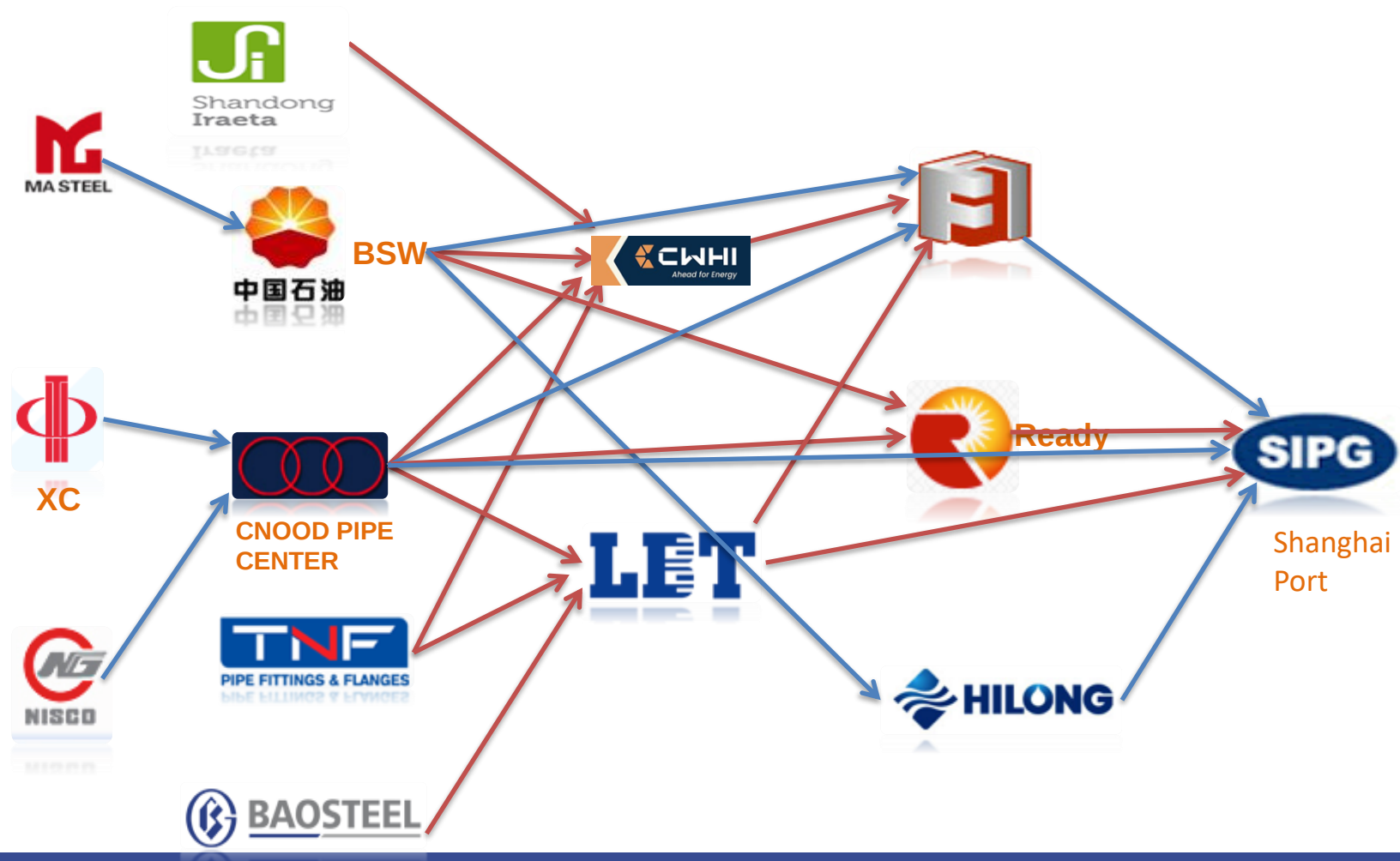
Cobre Panama

Level of Complexity:

- Tight OD and Ovality tolerances for Pipe due to split ring pipe connection method
- Working with CWHI there were 25 sub-contractors in China engaged for this project
- We provided a re-design of the brackets to reduce cost and make installation less complicated at site
- Galvanising of 1800mm Dia and 2200mm Dia Pipe with thin WT
- Logistics and Storage Solutions prior to vessel arrival
- CWHI produced shop drawings for internal approval and for client information



Cobre Panama – Complex Supply Chain Management



2 OFF 100x20 STIFFENERS
ROLLED TO 1628 ID

300
215

TYP

3

DETAIL 2
1:20

150
32 PL
50

370 330 330 370

50° 50°

20 THK ST

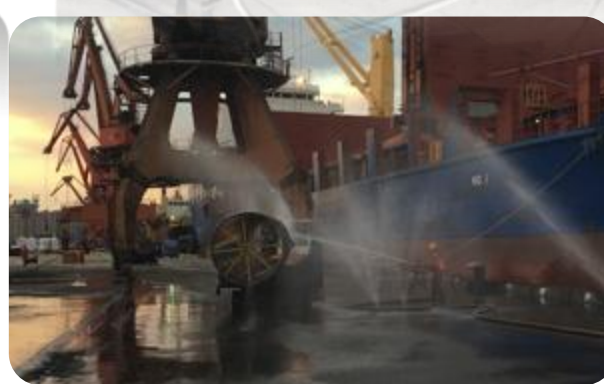
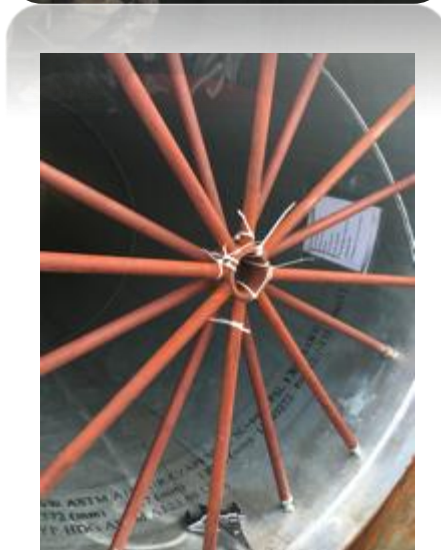
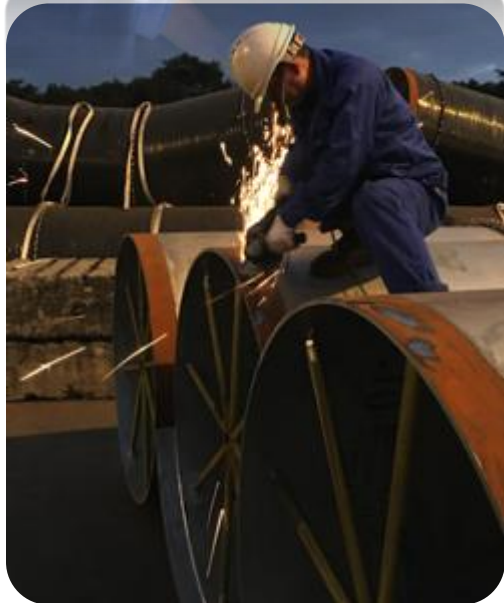
A

1. Welding to the main pipe, welding is difficult, transportation difficult (Inland and ocean)
2. No drainage hole
3. No lifting position

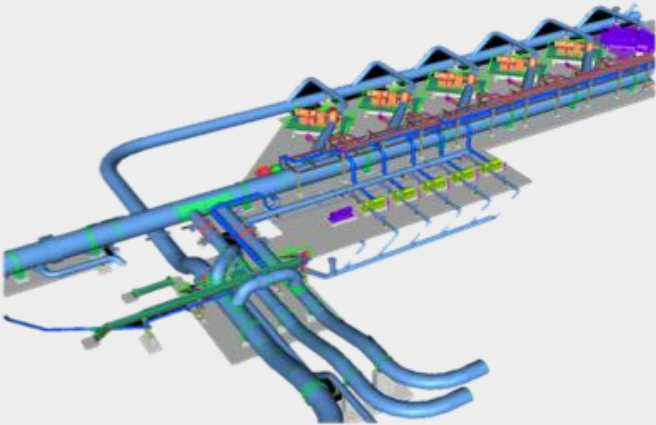
RE-DESIGNED

1. Separate the bracket to two part(upper and lower)
2. Connect with bolts, more easy for producing, transportation and installation
3. Add the drainage holes
4. Add lifting position

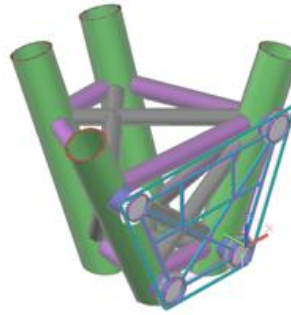
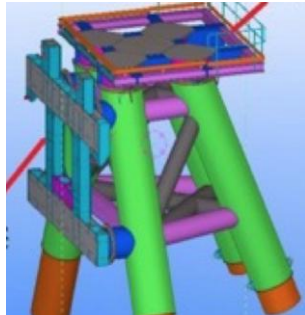
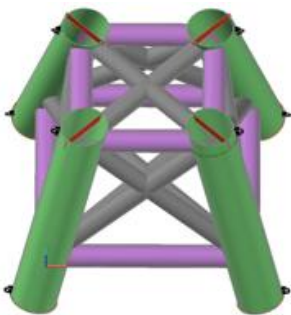
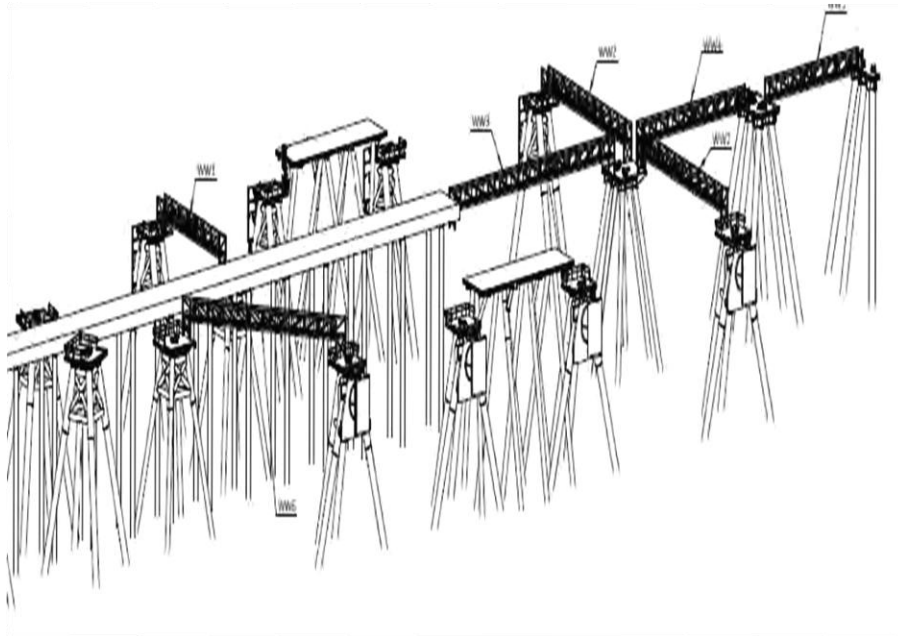
Cobre Panama – Logistics



Cobre Panama



Marine Jacket Structures – Fast Track



STEEL STRUCTURE

- ❑ 14 Units Steel Jacket
- ❑ 8 Units Fender Panel
- ❑ 17 Units Super Structure
- ❑ 2 Units Service Platform
- ❑ 6 Units Walkway

PILE

- ❑ 98 pcs Full-Length Pile Pipe

Standard

- ❑ Design: AISC
- ❑ Fabrication: API RP 2A
- ❑ Welding: AWS D1.1
- ❑ Raw material: GB/T 1591
- ❑ Paint: ISO 12944
 - Inter-zone 954@600u
 - Inter-zinc 52@60u+intergard475@240u+990@80u

Marine Jacket Structures – Fast Track

Process	Time & Schedule
Design	30/06/2016
Engineering & Detailing	07/07/2016
Feeding & Cutting	11/07/2016
Fitting Up & Welding	14/07/2016
Blasting & Painting	19/07/2016
Packing & Delivery	23/07/2016

Cutting



Fitting up



Welding



Marine Jacket Structures – Fast Track



Tugboat Harbour

Project Name: Tug Harbour Infrastructure

Client: Lendlease (BHP project owners)

Year of Supply: 2016

Approx. Value: \$10.0m USD

Total Tonnes: 3,100

Scope of Supply:

- 4 x 52mtr painted Berthing Pontoons approx. 184 tonne each
- 1 x 38mtr painted Berthing Pontoons approx. 55 tonne
- 2 x 32mtr painted Gangway Platforms approx. 31 tonnes each
- 7 x 38mtr painted Gangway Platforms approx. 16 tonne each
- Navigation Aid Platforms with Grating, Ladders
- Marine Piles for Clutched Walls & Floating Berths
119 Piles 1200OD x 28-31mtrs long including Coating approx. 2060 tonnes



Tugboat Harbour

- Welding in accordance with AWS D1.1 / D1.1M standard
- Welding inspection that included:
100% VT
100% UT for all Penetration Butt Welds
10% MT for Fillet Welds
- Coating of Pipe Piles
- Transport from China to Port Hedland



Quellaveco Copper Mine Structural Steel Scope B

Client: AngloAmerican

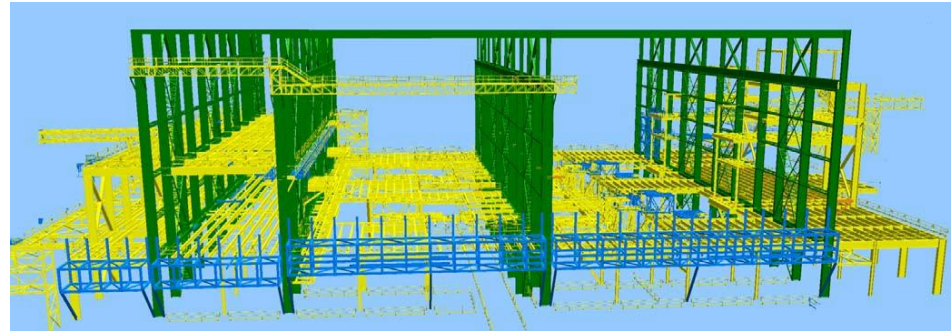
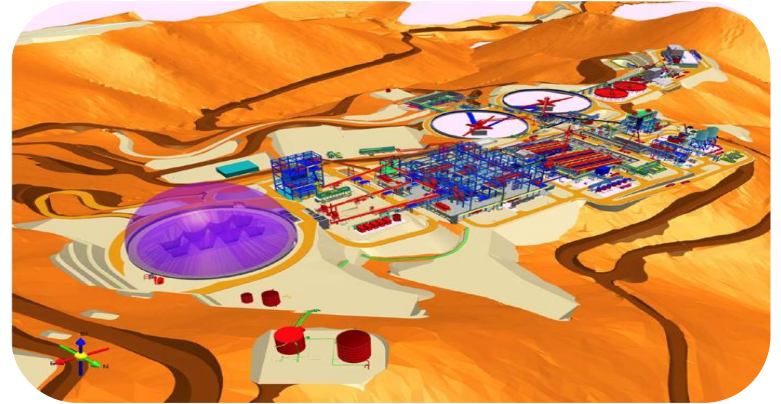
EPCM Contractor: Fluor

Scope of Work: Engineering, Fabrication

Total Weight: 5,621 tons approx.

Design Code: AISC 360-10, AISC 341-10

Fabrication Code: AWS D1.1-15 AWS D1.8-16



Pipeline for Radomiro Tomic Mine-Codelco



Client: EMIN INGENIERÍA Y CONSTRUCCIÓN S.A.

End User: CODELCO

Location: Chile

Duration: 3 months

Description:

STEEL PIPE, BE, EXTERNAL COATING

POLYURETHANE 100% SOLID 800UM

API 5L Gr B PSL 2

1016MM*12.7MM*11800MM

M40339 Capricornio Project

Client : Amec Foster Wheeler

Location : Chile

Duration : 4 months

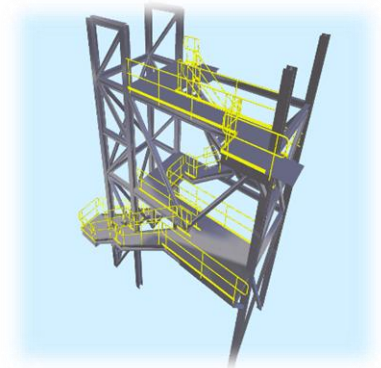
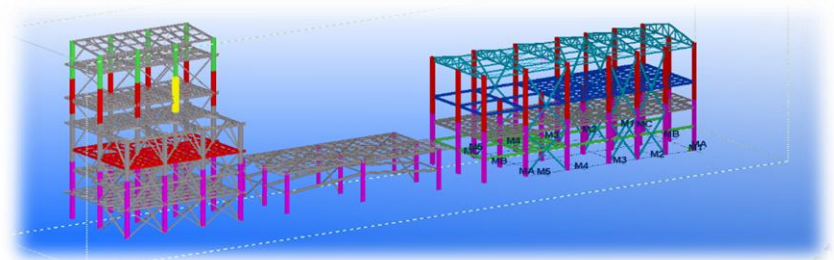
Description :

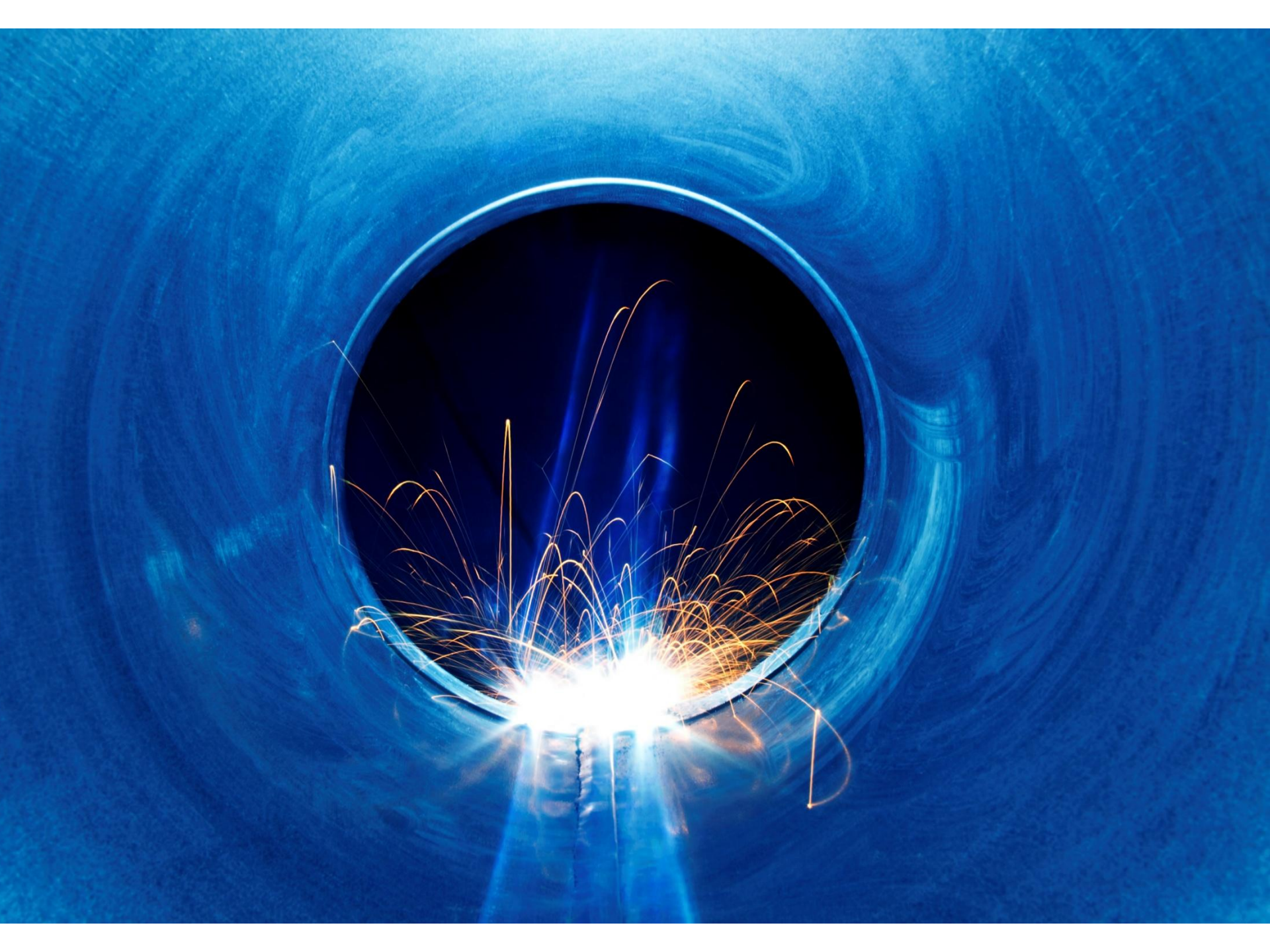
Modular Solution for the lithium battery mill
(Engineering & Steel structure fabrication & Assembly)

ANSI/AISC 360-10 AWS D1.1/D1.1 M (2004)
NCh 203

IE24x146; HSS8X8X5/8; W10X22; WT5X13;
BH779x382x18x30

2251MT







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