



**IPIC**

INTERNATIONAL PIPE INDUSTRY CO.

*View the Future with Ambition*







## OUR CORE VALUES

- Safety and the Environment
- Accountability and Transparency
- Community Development
- Professionalism
- Collaboration



The image shows the exterior of the International Pipe Industry Company (IPIC) building. The building has a white facade with a large glass window area. Above the window, the IPIC logo and name are displayed in English and Arabic. Several flags are flying on poles in front of the building, including the national flag of the United Arab Emirates and the corporate flag of IPIC. The sky is clear and blue.

**IPIC**  
INTERNATIONAL PIPE INDUSTRY CO.  
الشركة العالمية لصناعة المواسير

Authorized Capital 200 Million USD

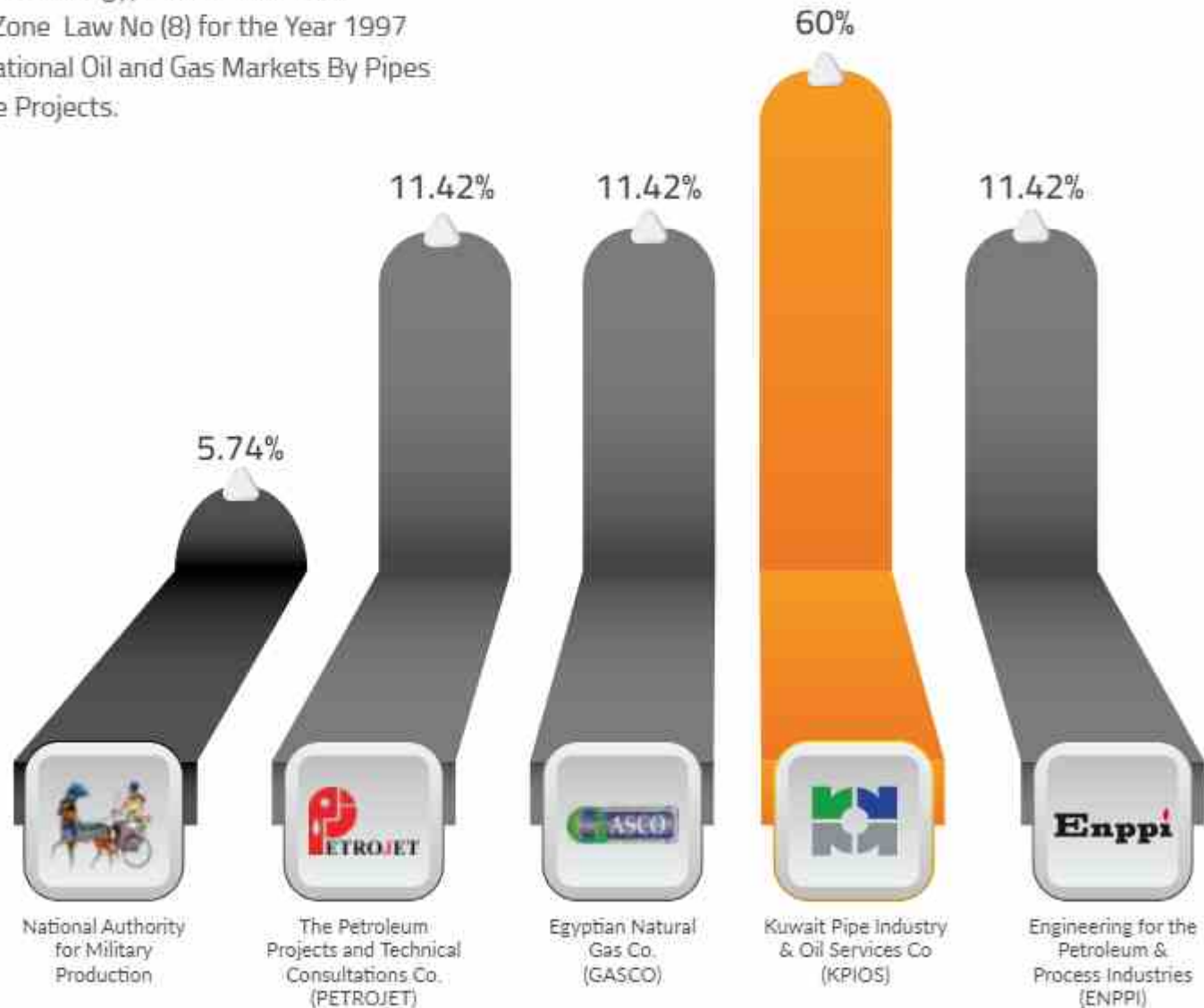
Paid-up Capital 70 Million USD

## SHAREHOLDERS

- KUWAIT PIPE INDUSTRY & OIL SERVICE CO. (KPIOS)
- ENGINEERING FOR THE PETROLEUM & PROCESS INDUSTRY (EPP)
- EGYPTIAN NATURAL GAS CO (GASCO)
- THE PETROLEUM PROJECTS AND TECHNICAL CONSULTANTS (PTC)
- NATIONAL AUTHORITY FOR MILITARY PRODUCTION (NAMP)

## COMPANY PROFILE

IPIC Was Incorporated and Registered in Egypt Since Jan. 2001  
Under The Egyptian Private Free Zone Law No (8) for the Year 1997  
for Providing Egyptian and International Oil and Gas Markets By Pipes  
and Bends for Oil and Gas Pipeline Projects:



INDUSTRIES (ENPPI)

CONSULTATIONS CO. (PETROJET)

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## MISSION

"We are Committed to Provide Steel Pipe and Steel Structures Solutions to Build Excellent Rapport with Existing and New Customers with Consistent Supply of Quality Products and Practices".

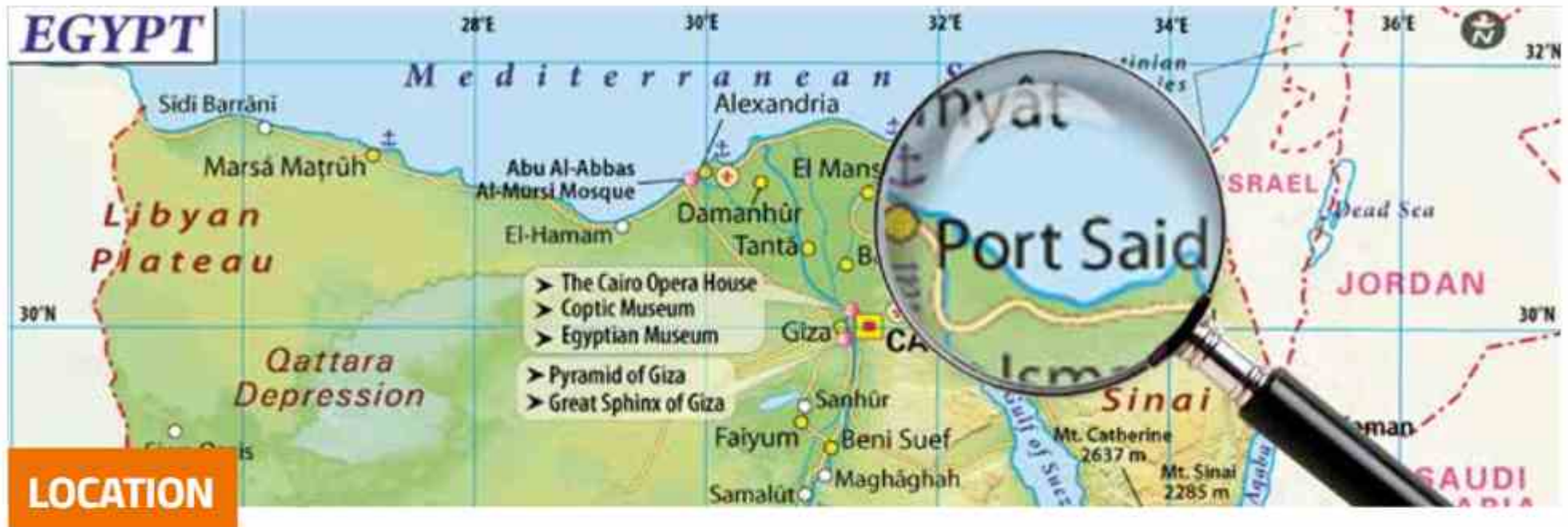






## VISION

"To Survive, and Turnaround Achieving Sustainable Growth to be The Most Competitive and Diverse Pipe Solutions' Provider in Africa".



The Factory's Location Was Selected to Be on the Main Road Between Two Egyptian Ports, Port-Said & Damietta. This Location Provides IPIC with many Advantages to Export Pipes to European, African and Asian Countries in Less Time.



## QUALITY

### IS OUR CONCERN

In IPIC we do Believe that Quality is the way to Spread Our Business, So We Designed our Process to Achieve the Maximum Quality as:



**60%**

Of the Pipe's Making Equipments are Inspection Equipments.



**100%**

Online Inspection Points Along The Whole Production Line.



**100%**

Tracking of all Pipes Reporting Certifications for Each Single Pipe.

# QUALITY

## CERTIFICATION

IPIC Mills are Certified By Many International Authorities for The Pipe Product API MONOGRAM Which Guarantees That all Pipes Produced By IPIC Have to Comply With the API-5L as Minimum Requirements.

And for the Total Quality Management System ISO 9001 : 2015 For Both Pipes and Bends Mills.

Also API Q1 Which Guarantees That The Quality System in IPIC is in compliance with the API Requirements for Pipe Manufacturing.



API MONOGRAM



ISO 9001:2015





API REGISTRATION NO. QI-0141

## Certificate of Registration

The American Petroleum Institute (API) has approved the quality management system of

**INTERNATIONAL PIPE INDUSTRY CO. (IPIC)**  
 KM 16 Post Sate Dukuhbe Road  
 Port Said  
 Egypt

has been approved by the American Petroleum Institute and is authorized to continue to be a contractor with the following:

### API Specification Q1

The scope of this registration and the approved quality management system applies to the

**Manufacture of Longitudinal Seam Submerged Arc Welded Pipe**

API approves the registrant's certification by including:

**Design and Development Services**

Effective Date: JANUARY 11, 2011  
 Expiration Date: JANUARY 11, 2014  
 Registration Since: NOVEMBER 11, 2005

*Signature*

The President of International Pipe Industry Co.

API Q1

**QMS REGISTERED**

## Certificate of Registration

APIQR REGISTRATION NUMBER: 8422

The scope of the quality management system of

**INTERNATIONAL PIPE INDUSTRY CO. (IPIC)**  
 KM 16 Post Sate Dukuhbe Road  
 Port Said  
 Egypt

has been approved by the American Petroleum Institute Quality Register (APIQR) and found to be in compliance with the following standard:

### ISO 9001:2015

The scope of this registration and the approved quality management system applies to the

**Manufacture of Longitudinal Seam Submerged Arc Welded Pipe**

APIQR approves the registrant's certification for including:

**3.3 Design and Development of Products and Services; 3.5.3 Post Delivery Activities**

Effective Date: NOVEMBER 21, 2011  
 Expiration Date: JANUARY 11, 2014  
 Registered Since: JANUARY 11, 2011

*Signature*

Chief Quality Officer  
 API Quality Institute Services

ISO 9001:2015

## CERTIFICATE

INTERNATIONAL PIPE INDUSTRY CO. (IPIC)

ADDRESS: KM 16 POST SATE DUKUHBE ROAD, PORT SAID, EGYPT

**QICS INTERNATIONAL**

MANUFACTURING OF SEAM, CARBON STEEL PIPES & FITTINGS  
 LONDON STEEL WORKS

Certificate No.: QICS-130-02-IP-12-19-007

### ISO 14001:2015

MANUFACTURING OF SEAM, CARBON STEEL PIPES & FITTINGS  
 LONDON STEEL WORKS

The certificate is issued in accordance with the requirements of ISO 14001:2015. The certificate is valid for a period of three years and is subject to annual surveillance audits.

For conditions and terms of this certificate, please refer to the certificate holder's manual.

To check the certificate holder's status, please visit the website: [www.iso.org](http://www.iso.org)

IAF 4+

*Signature*

Chief Executive Officer  
 International Pipe Industry Co.

ISO 14001:2015

## CERTIFICATE

INTERNATIONAL PIPE INDUSTRY CO. (IPIC)

ADDRESS: KM 16 POST SATE DUKUHBE ROAD, PORT SAID, EGYPT

**QICS INTERNATIONAL**

MANUFACTURING OF SEAM, CARBON STEEL PIPES & FITTINGS  
 LONDON STEEL WORKS

Certificate No.: QICS-130-02-IP-12-19-007

### ISO 45001:2018

MANUFACTURING OF SEAM, CARBON STEEL PIPES & FITTINGS  
 LONDON STEEL WORKS

The certificate is issued in accordance with the requirements of ISO 45001:2018. The certificate is valid for a period of three years and is subject to annual surveillance audits.

For conditions and terms of this certificate, please refer to the certificate holder's manual.

To check the certificate holder's status, please visit the website: [www.iso.org](http://www.iso.org)

*Signature*

Chief Executive Officer  
 International Pipe Industry Co.

ISO 45001:2018



## INSPECTION POINTS





Laboratory

Destructive Test Sample

Destructive Test Sample



Pipe Weighing, Length Measurement & Marking

Final Inspection

To Pipe Yard

To Reject Pipe Yard

## OUR CUSTOMERS

By Using Our Products in Your Worldwide Projects, Your Precious Trust Motivates Us to Achieve Keeping the Highest Quality for Your Satisfaction.









PC

## PRODUCTS

- SAWL PIPES
- SSAW PIPES
- BENDS
- STEEL STRUCTURE
- PIPE ACCESSORIES



## SAWL PIPES

IPIIC is Specialized in Producing of Large Diameter Submerged Arc Welded Longitudinal Pipes (SAWL) from 16" to 60" Outside Diameter According to the International Standard API 5L, all Steel Grades up to X-80 for Energy, Oil & Gas, Construction, Infrastructure and Water Transmission Projects.



## SPECIFICATIONS

LENGTH

8 : 12.15 m

DIAMETER

16" : 60"

THICKNESS

7.9 : 27 mm

ANNUAL PRODUCTION

150,000 : 250,000 Tons

DAILY PRODUCTION

160 Pipes per Day

MATERIAL

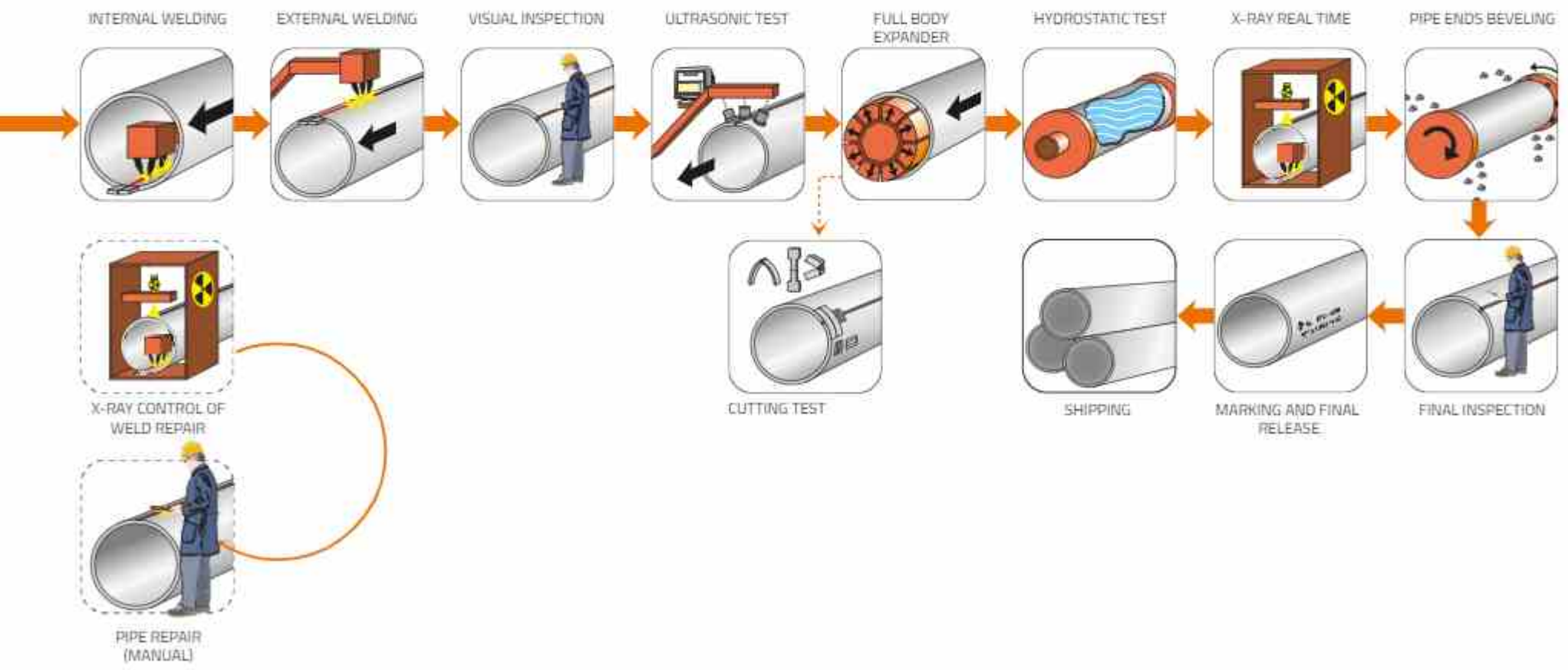
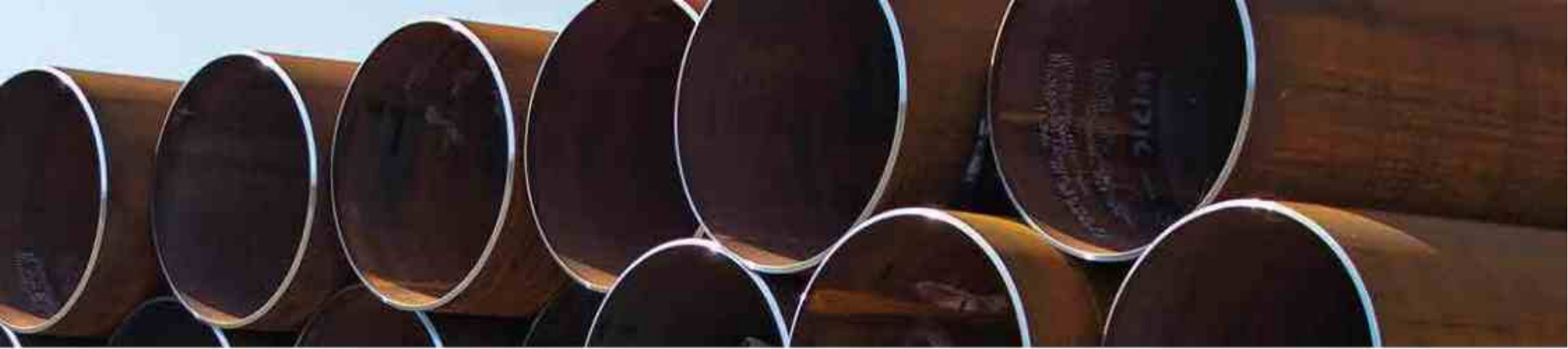
In compliance with API 5L  
up to grade X-80 or equivalent



# MANUFACTURING PROCESS

## SAWL PIPES PRODUCTION CHART







**IPIC**

**PIPE PRODUCTION RANGE**





diameter	Pipe Thickness							
	Grade X-52		Grade X-60		Grade X-65		Grade X-80	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
16"	8.7	15.0	8.7	14.6	8.7	14.2	8.7	12.7
18"	8.7	18.0	8.7	17.2	8.7	17.0	8.7	15.0
20"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
22"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
24"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
26"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
28"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
30"	8.7	21.2	8.7	20.6	8.7	20.0	8.7	17.9
32"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
34"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
36"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
38"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
40"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
42"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
44"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
46"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
48"	8.7	27.0	8.7	26.2	8.7	25.4	8.7	23.8
52"	9.5	27.0	9.5	26.2	9.5	25.4	9.5	23.8
56"	9.5	27.0	9.5	26.2	9.5	25.4	9.5	23.8
60"	9.5	27.0	9.5	26.2	9.5	25.4	9.5	23.8

## SSAW PIPES

IPIC is Producing Large Diameter SSAW Spiral Submerged Arc Welded Pipes up to 3,000mm Outside Diameter and up to 20mm Wall Thickness According to API 5L, all Steel Grades up to X-60 for Construction, Infrastructure and Water Transmission Projects.





## SPECIFICATIONS

**LENGTH**

6 : 18 m

**DIAMETER**

700 : 3,000 mm

**THICKNESS**

6.3 : 20 mm

**ANNUAL PRODUCTION**

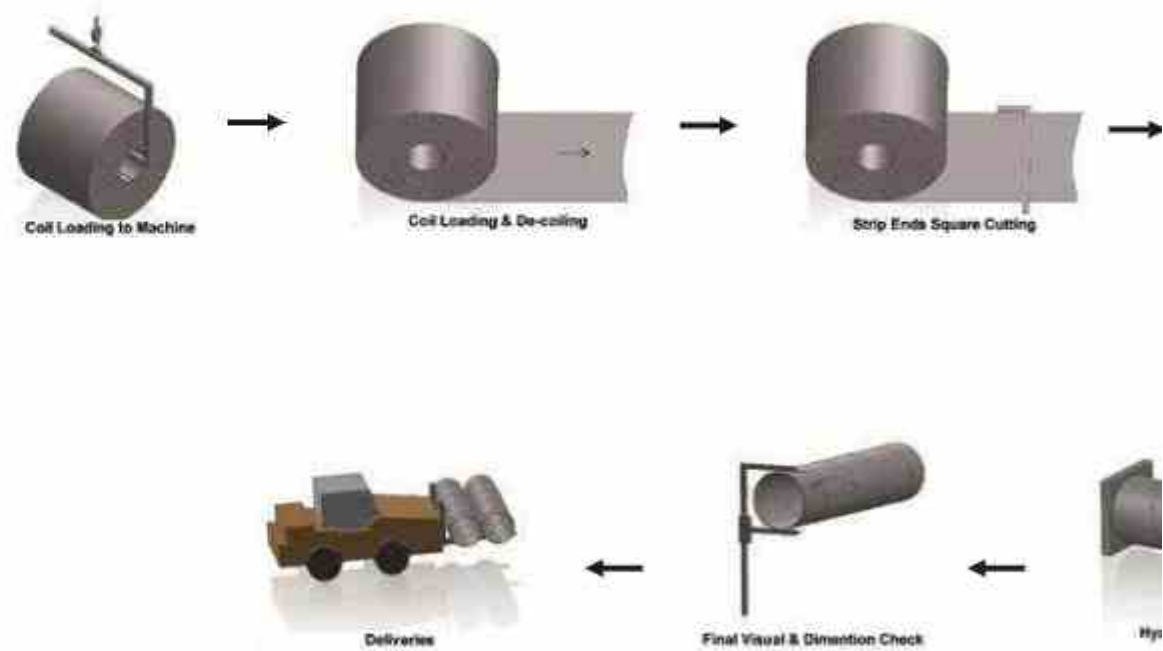
50,000 : 70,000 Tons

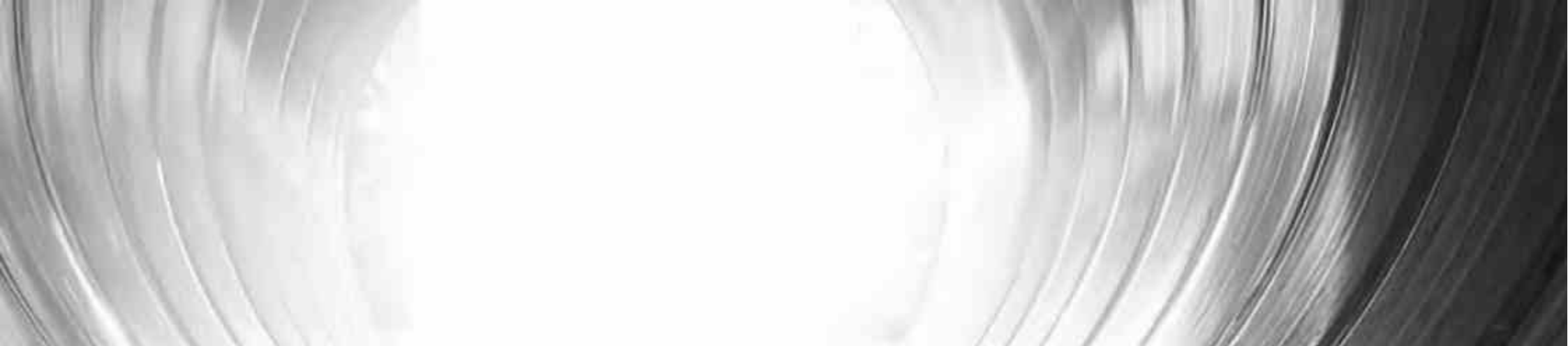
**MATERIAL**

In compliance with API 5L up to grade X-60 or equivalent

# MANUFACTURING PROCESS

## SSAW PIPES PRODUCTION CHART





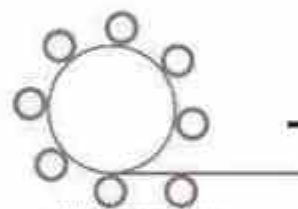
Inside Cross Seam Skelp Welding



Strip Levelling



Coil Edge Side Trimming & Cleaning



Helical Shaping of Pipe



Pipe O/S & O/S Automatic Welding



Automatic Testing for the Pipe



Pipe End Facing ( Chamfering )



O/S Cross Seam Skelp Welding



Repair of Defective Area



Pipe Cutting by Plasma





**IPIC**

**PIPE PRODUCTION RANGE**



	USUAL PRODUCTION
	PRODUCTION ON REQUEST

nominal diameter	outside diameter	outside diameter	THICKNESS mm								
			8	8,8	10	11	12,5	14,2	16	17,5	20
mm	mm	Inches	LINEAR MASS (KG/METER)								
700	711,2	28	138,7	152,4	172,8	189,9	215,3				
750	762	30	148,7	163,4	185,4	203,6	230,9				
800	812,8	32	158,7	174,4	197,9	217,4	246,6				
850	863,6	34	168,7	185,4	210,4	231,2	262,2				
900	914,4	36	178,7	196,4	222,9	244,9	277,9	315,1			
1000	1016	40	198,8	218,5	248,0	272,5	309,2	350,6	394,4		
1100	1117,6	44	218,8	240,5	273,0	300,0	340,5	386,2	434,5		
1200	1219,2	48	238,8	262,5	298,1	327,6	371,8	421,8	474,5	518,4	
1300	1320,8	52	258,9	284,6	323,1	355,1	403,1	457,3	514,6	562,2	
1400	1422,4	56	278,9	306,6	348,1	382,7	434,4	492,9	554,7	606,0	691,4
1500	1524	60	298,9	328,7	373,2	410,2	465,7	528,5	594,7	649,8	741,4
1600	1625,6	64	319,0	350,7	398,2	437,8	497,0	564,0	634,8	693,7	791,5
1700	1727,2	68	339,0	372,7	423,3	465,3	528,3	599,6	674,9	737,5	841,6
1800	1828,8	72	359,0	394,8	448,3	492,9	559,6	635,1	714,9	781,3	891,7
2000	2032	80	399,1	438,9	498,4	548,0	622,2	706,3	795,1	869,0	991,9
2200	2235,2	88				603,1	684,8	777,4	875,2	956,6	1092,0
2500	2540	100					778,8	884,1	995,4	1088,1	1242,3
2800	2844,8	112					872,7	990,8	1115,6	1219,6	1392,6
3000	3048	120					935,3	1061,9	1195,8	1307,2	1492,7

## HOT INDUCTION BENDS

IPIC is Also Producing Hot Induction Bends From 4" to 48" Outside Diameter According to ISO 15590-1 all Steel Grades up to X-80 to Cover The High Demand in the Oil & Gas, Water Transmission and Infrastructure Projects.







## SPECIFICATIONS

**DIAMETER**

4" : 48"

**THICKNESS**

7.9 : 38.1 mm

**BENDING ANGLE**

Any Degree up to 180°

**MINIMUM BEND RADIUS**

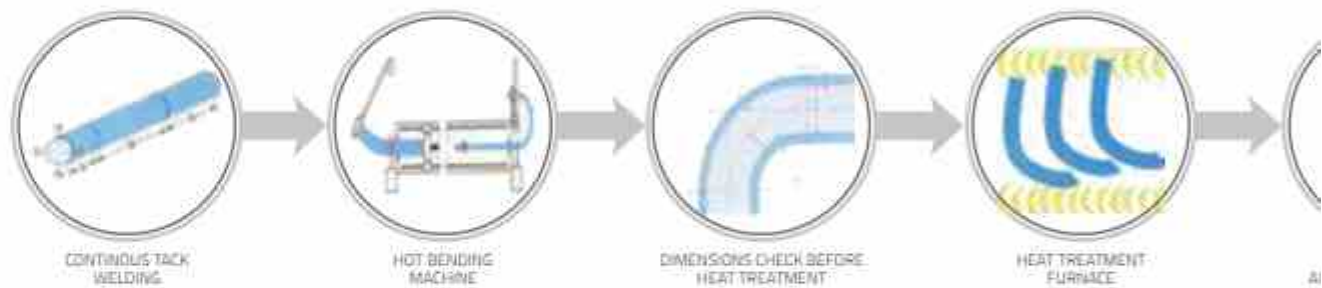
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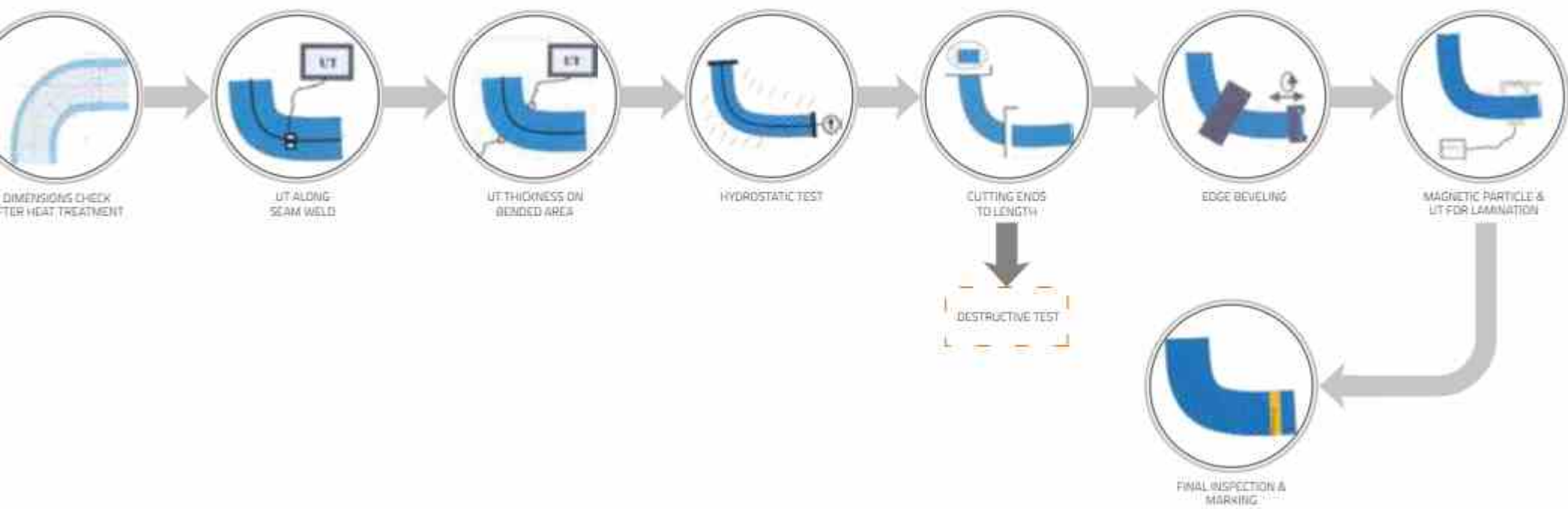
**MATERIAL**

In compliance with API 5L up to grade X-80 or equivalent

# MANUFACTURING PROCESS

## HOT INDUCTION BENDS



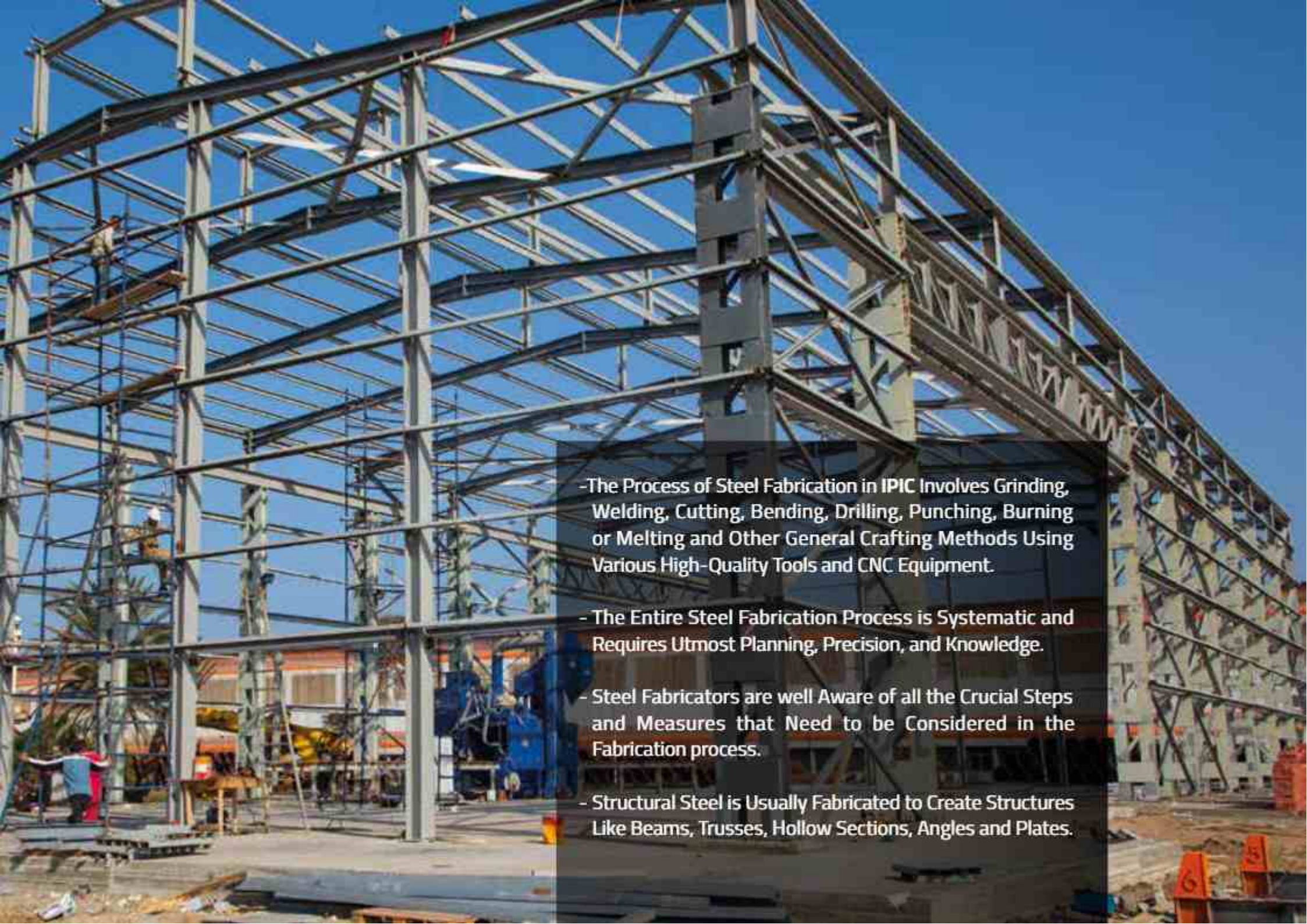


# STEEL STRUCTURE

## FABRICATION & ERECTION

IPIC Has Recently Established a New Production Line For Steel Fabrication Works in Compliance With The International Standards : ASME - AISC - BS - EN





-The Process of Steel Fabrication in IPIC Involves Grinding, Welding, Cutting, Bending, Drilling, Punching, Burning or Melting and Other General Crafting Methods Using Various High-Quality Tools and CNC Equipment.

- The Entire Steel Fabrication Process is Systematic and Requires Utmost Planning, Precision, and Knowledge.

- Steel Fabricators are well Aware of all the Crucial Steps and Measures that Need to be Considered in the Fabrication process.

- Structural Steel is Usually Fabricated to Create Structures Like Beams, Trusses, Hollow Sections, Angles and Plates.

# PIPE ACCESSORIES

## MITERED FITTINGS

- IPIC is Specialized in Fabrication and Assembly of Mitered Fittings (Elbows, Tees and Reducers) according to AWWA C208 which are made from miter cut Pieces of Pipe.
- Tests which available to be Performed on the mitered fittings include X-Ray, Ultrasonic testing, Magnetic Particle and other Non-Destructive Tests, as well as Charpies, Yield and Tensile and Chemistry analyses are available as well.
- IPIC Mitered Fittings' Fabrication Division can meet the needs of most Waterworks Projects & often supports the low pressure needs of other Major Fabrication Shops specializing in Heavy Power.



## PROCESS MODULES

- Modular creation is an approach that can subdivide a system into different components, and/or create off-site stand-alone solutions, which can be easily transported and re-located where necessary.
- Modular solutions are used to limit on-site work and reduce costs, both of which IPIC has an ambitious plan to be achieved impeccably well throughout its manufacture of each of its modules.  
IPIC ensures the modules are manufactured within a controlled environment where project time, quality, safety and all related challenges are manageable.
- We also ensure all work carried out is accompanied with full documentation and traceability.



## SERVICES

- **Painting & Surface Protection**
- **Laboratory**









## **PAINTING & SURFACE PROTECTION**

Recently, We Have Expanded Our Facilities Extensively to Improve Efficiency and Productivity. IPIC is Now Ready for Applying Sand-Blasting, Wrapping and Painting.

IPIC Offers a Complete and Diverse List of Corrosion Protection Services and it Has a State of the Art Mobile Facility For Internal Abrasive Pipe Blasting and Internal Pipe Painting. The Same is Used for Pipe Surface, Bends and Steel Structure.

These Services Can Conform to Various Standards Including, But Not Limited to: NACE, SSPC, ISO, ASTM.

The in-House Sand Blasting and Painting With a Several Types of Protection Material Using Our Own Resources not Only Securing Our Commitment But Also Give Us a Completion Advantage to Cover Our Clients' Needs.

As a Reliable Long-Term Partner, IPIC Offers The Most Modern and Effective Testing Solutions which are Continuously Being Developed and Maintained to Help you to Keep Pace With the Increasingly Complex Requirements of your systems.

Whether it is Industrial Corrosion Protection, Coating Techniques or Painting Process – IPIC Has

Professional Experts and Suitable Facility to Apply the Most Diverse Processes in the Area of Surface technology.

We Ensure your Pipes Have Long-Lasting Protection – Reliably, Safely and Cost Effectively.

### QUALITY FOR SURFACE PROTECTION

One of The Most Critical Areas in the Surface Protection and Involves Testing the Quality of the Surface Applications.

Arange of Tests is Needed to Verify the Coating Formulation's Strength and Wear Resistance, and Also Allow Engineers to Develop Viable Solutions To Produce Tougher and More Effective Coatings in The Pipe Line Industry, Steel Structure Industry and more.

### THREE STEPS FOR DURABLE COATING:

- 1- Analysis of Media and Environment Where The Steel Structure or Pipe or Other is Placed.
- 2- Specification of Appropriate Coating System, Including Quality of Surface Preparation and Selection of Suitable Coating Process to Suit Specific Project Demands.
- 3- Execution of Coating Application by Trained and Skilled Staff Under Supervision of Experienced Coating Inspectors for Stringent QA/QC.



## LABORATORY

In Order to Assure the Independency of IPIC Quality, We Designed An Independent Laboratory Which is One of The Most Advanced and Certified Chemical & Mechanical Labs in Egypt and Middle East.

This Lab is Equipped With Most Advanced and Updated Testing Equipments To Fulfill all The Required Tests for Both Pipes and Plates in Compliance With International Codes and Standards.

### IPIC LAB ENGINEERING SERVICES:

#### 1. Material Testing (Destructive & Non-Destructive Tests ) :

- Ultrasonic Testing
- Magnetic Particles Inspection
- Liquid Pene-trant Testing
- Radiographic Testing
- Destructive Testing Lab:
  - \* Material Conformance with client requirements
  - \* Qualification of Welding Procedures Operators
  - \* Capability of Performing:  
Tensile – Bending – Impact – DWTT Tests

#### 2. Heat Treatment of Specific Products:

Programmable LPG operated Furnace Equipped with 12 Thermocouple Channels For Stress Relief & Tempering Processes.





## HEALTH & SAFETY

As Part of our Core Values, We do Believe that First and Foremost Responsibility is to Ensure a Healthy, Safe, and Ergonomic Working Context. A Strict Safety Policy and Keen Observation for Unsafe Conditions, Procedures, Or Behaviors are Applied with Continuous Development while Delivering Premium Quality Products with Best Price and Expanding the Range of our Activities to Deliver New Products to Ensure That These Processes are Running Safely to Both Our People and Guests IPIC is Committed to Achieving the Best International Standards in Every Area of The Business. It Follows that Proper Attention to Occupational Health, Safety and Fire Prevention is an Equal and Integral Part of this Commitment.

## ENVIRONMENT

IPIC Considers Care for the Environment to be Essential Both in Terms of our Duty to Society and to Ensure the Continuity of our Business. We are Committed to Protecting the Environment by Minimising the Impact of Our Operations and Our Products Through the Adoption of Sustainable Practices and Through Continuous Improvement in Environment Performance and Control.





