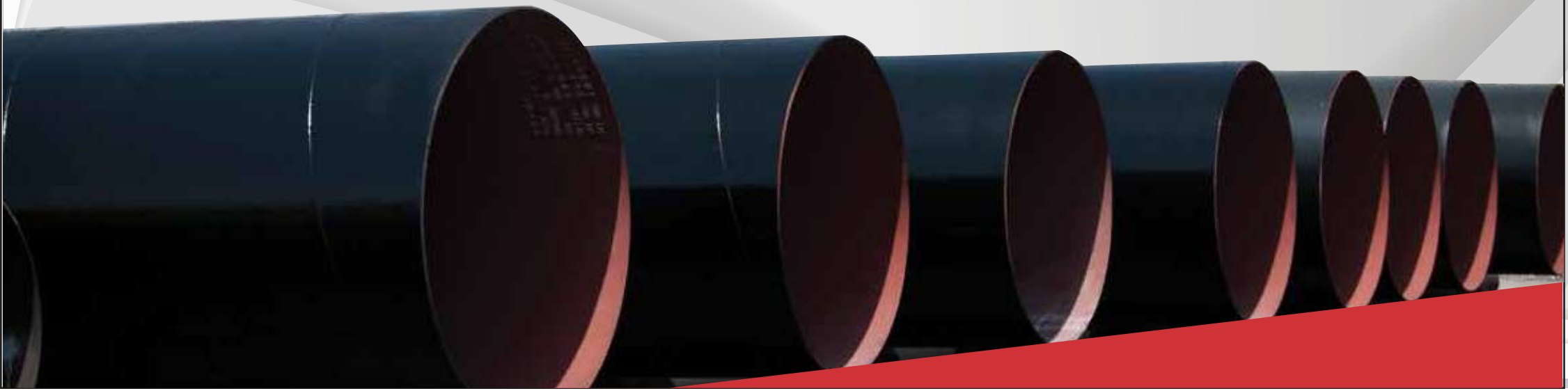


CORPORATE PORTFOLIO



شركة الشارقة
لصناعة الأنابيب الحديدية ذ.م.م
SHARJAH STEEL
PIPE MANUFACTURING CO. L.L.C



ABOUT US

Sharjah Steel Pipe Manufacturing Company (SSPMC) was founded in 1982, specialized in steel pipe manufacturing using the most developed machines and equipments in–terms of meeting the international standards of products manufacturing.

With decades of experience, SSPMC has become one of the major manufacturers in the region in business fields of construction, petroleum and water sector.

Sharjah Steel Pipe Manufacturing Company has been proven, producing spiral welded pipe in a capacity of pipe production of 40,000 tonnes yearly with wide range of sizes cut to variable length ranging from six to eighteen meter.

Rather than this, Sharjah Steel is producing two different type of pipes which are line pipes and pile pipes.

As well as the manufacturing processes are complemented by Fluoroscopic x-ray, Hydrostatic testing, Radiographic x-ray and choices of square or beveled end facings.



MISSION

SSPMC strives to become the premier supplier of Spirally Welded Pipes to the greater quality in the middle east region. We aspire to produce a flawless product that exceeds the highest international standards. We are dedicated to our valued customers satisfaction by providing exceptional customer service, quality materials and after sales customer assistance.



SERVICES

SSPMC offers two types of spirally-welded pipes

LINE PIPES

Line Pipes are used extensively in the transmission of water, oil and gas. SSPMC offers size range varying from 406 mm (16 in.) to 1626 mm (64 in.) in diameter with thickness range of 6,35 mm (0.250 in.) to 19,0 mm (0.750 in.). The pipes are manufactured to API specification 5L with steel grade up to L 485 or X70 and finished with either square or beveled ends.

PILE PIPES

These pipes are mainly used for foundation piles and structural columns. SSPMC can manufacture Pile Pipes up to 2032 mm in diameter.

All pipes manufactured by SSPMC can be cut to variable lengths varying from 6 meters to 18 meters, depending on the clients needs.





CAPABILITY

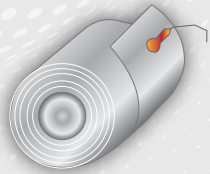
Using Blohm and Voss manufactured pipe mill that has been modified in-house to fit our needs, SSPMC is capable of producing 40,000 tonnes of steel pipes annually ranging from 406 mm (16 in.) to 2032 mm (80 in.) in diameter. To ensure the quality of our product, we employ a rigorous testing procedure that includes Automatic Online Ultrasonic, Hydrostatic Testing, Fluoroscopic and Radiograph X-Ray.

Our pipe mill can produce line pipes up to 1626 mm (64 in.) in diameter conforming to API Specification 5L requirements ideal for water, petrochemicals, oil and gas. We are also capable of producing pile pipes up to 2032 mm (80 in.) in diameter for the construction industry.

Our expert team of employees are dedicated to their specific jobs to ensure your needs are met to the fullest extent. We are equipped to apply coal tar epoxy and other types of coatings, along with cutting or welding our pipes to fit your desired length.

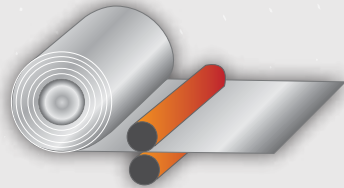
SPIRAL LINE PIPE MANUFACTURING AND INSPECTION PROCESS

1



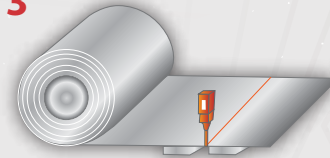
Both skelp ends of hot rolled coil are ultrasonically inspected

2



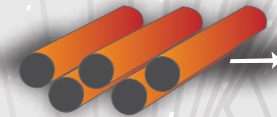
Coils are uncoiled

3



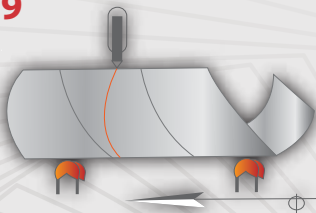
Coil top and bottom ends are connected by submerged arc butt welding

4



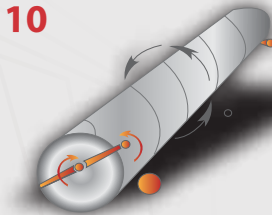
Coil strips are continuously leveled

9



Pipe is cut to the desired length

10

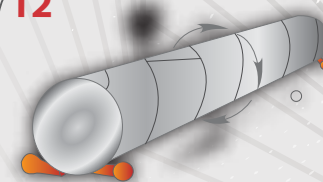


Slag removing

11

WELD AND
SURFACE
INSPECTION

12



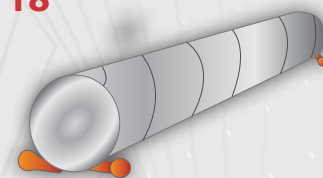
Skelp end joints is completed by submerged arc welding of the outside seam

17



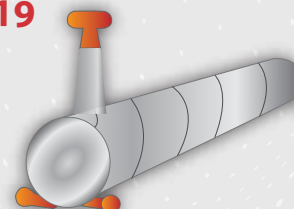
Pipe ends are machined finish for field butt welding

18



Pipe is hydrostatically inspected

19

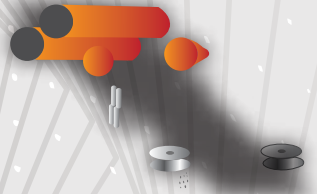


Weld at pipe ends are inspected by radiographic X-Ray

20

FINAL
VISUAL AND
DIMENSIONAL
INSPECTION

5



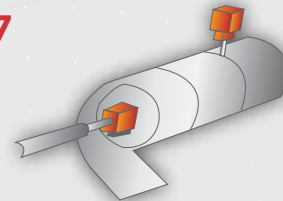
Strip edges are trimmed and milled to the specified dimensions

6



Continuous strip is bent into a spiral pipe by a three groups of forming rollers

7



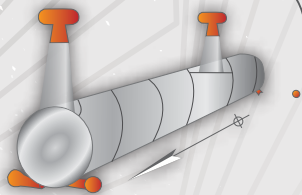
Inside & outside welding is performed in submerged arc welding unit fitted with two electrodes

8



Welded seam is ultrasonically inspected

13



Skelp welds & ultrasonic indications are flourospectically inspected

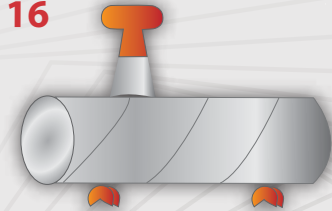
14

PIPE REPAIRS

15

WELD RE-INSPECTION

16



Repaired areas are fluoroscopically inspected

21

PIPE WEIGHING AND STENCILLING

22

CUSTOMER'S INSPECTION

23

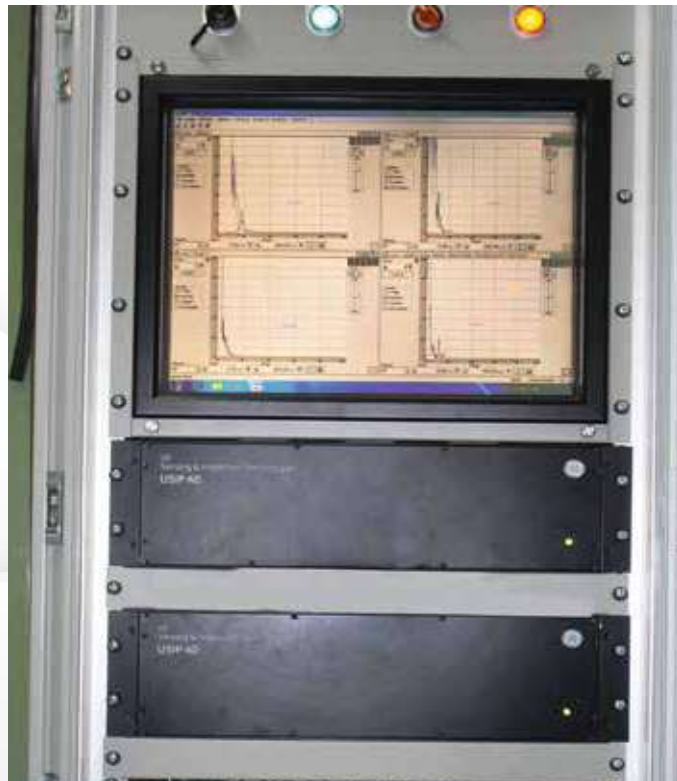
STORING AND SHIPPING



QUALITY PHILOSOPHY

In order to guarantee customer satisfaction, SSPMC adheres to rigorous quality guidelines that ensure the delivery of top quality products for every project. Through stringent adherence to international quality standards and dedicated quality assurance management team, SSPMC has attained certifications from the world's leading quality assurance organizations.

SSPMC holds API certification (License No. 5L-0347) for complying to API Specification 5L and API Q1 Quality Management System requirements. SSPMC also certified with ISO 9001 and 14001 quality and environmental management system. These standards are ensured throughout the entire production process starting with the purchase of raw materials to the final finished product. Furthermore, this quality system is periodically reviewed to ensure continuing compatibility and effectiveness in a dynamic manufacturing environment.



QUALITY CONTROL

To make sure that every pipe leaving our plant conforms to the high standard we guarantee to our customers, our quality control department will follow nine steps to confirm the quality of our product.

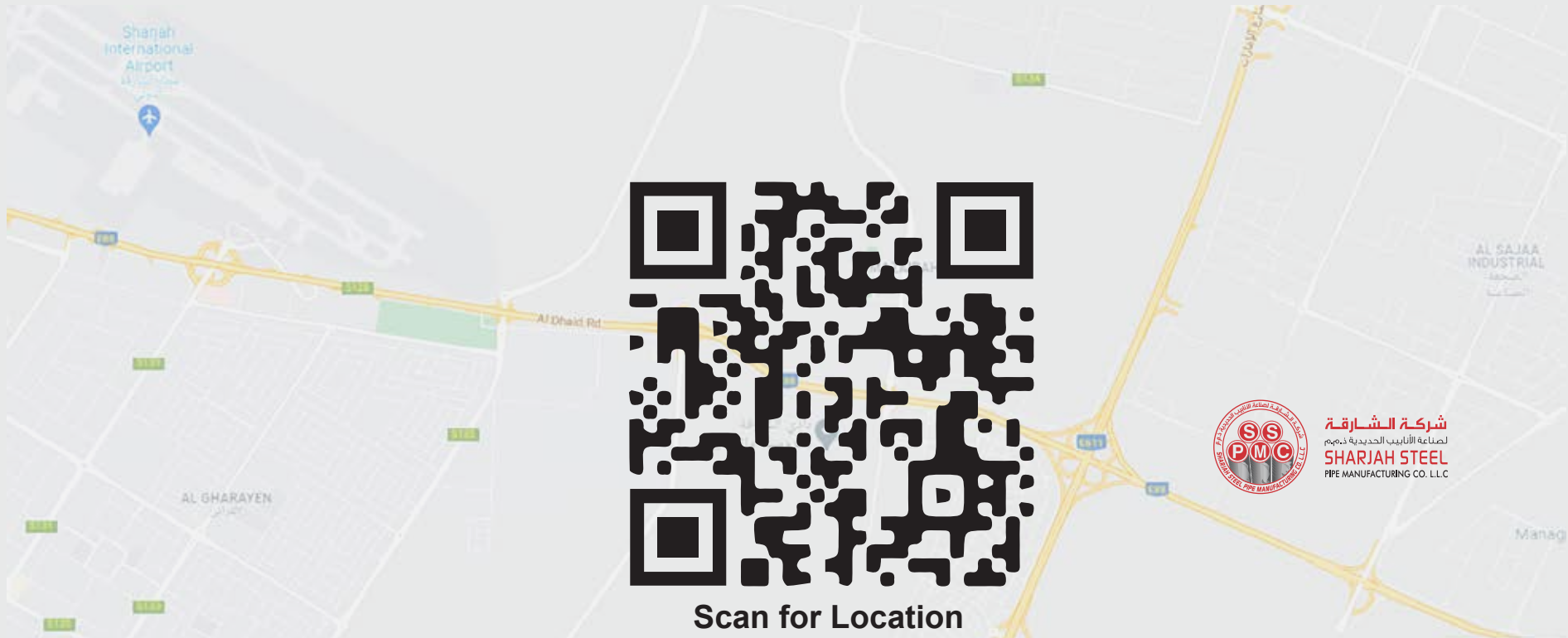
1. To detect any area of lamination on the material and dimensional flaws, a manual ultrasonic inspection will be performed on the hot rolled coils before use.
2. To determine the chemical composition and mechanical properties of the skelp, mill tests are run by our quality control inspectors before they are fed to the machine.
3. An ultrasonic examination is run on the formed and welded strip to check for any laminations around the parent metal, defects in the welded seam or heat affected areas.
4. A primary visual and dimensional inspection focusing on the weld bead and the surface condition of the base metal is carried out after cleaning.
5. To further ensure the quality of the weld, a fluoroscopic X-Ray test is carried out to look for possible weak spots. This test is captured on film and can be provided on request.
6. All pipes are pressure tested by hydrostatic testing machine
7. Finally, a radiographic X-Ray inspection will take place on both ends of the pipe before a final inspection



CRM

The philosophy of SSPMC towards the CRM is the recognition of the fact long relationship with our customers is one of the most important assets and the core value of our organization and the importance of achieving the highest competitive advantage to achieve the highest level of the customer satisfaction.

LOCATION MAP



www.shjsteelpipe.com

SHARJAH STEEL PIPE MANUFACTURING CO. L.L.C
P.O.BOX 20610, SHARJAH - United Arab Emirates
TEL: +971 6 531 1671, FAX: +971 6 531 1695
E-mail: shjsteel@emirates.net.ae

