

TRANSPORTATION

Tubacero provides vessel solutions in transportation handling for each of its products in different routes through ships, railroads, and land transportation, offering a great advantage, primarily in delivery times.

PLANT 1 - SAWL

EXTERNAL DIAMETER	WALL THICKNESS															STEEL GRADE						
			0.250	0.312	0.344	0.375	0.438	0.469	0.500	0.625	0.688	0.750	0.812	0.875	0.900	0.938	1.000	X-42	X-52	X-65	X-70	X-80
	IN	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM						
20	508																					
24	610																					
30	762																					
36	914																					
42	1067																					
48	1219																					

PLANT 2 - HFW - ERW / SAWL

EXTERNAL DIAMETER	WALL THICKNESS															STEEL GRADE				
			0.225	0.250	0.281	0.344	0.375	0.406	0.438	0.469	0.500	0.562	0.625	X-42	X-52	X-65	X-70	X-80		
	IN	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM							
18	457																			
20	508																			
22	559																			
24	610																			
30	762																			
36	914																			

PLANT 3 - ERW - HFW

EXTERNAL DIAMETER	WALL THICKNESS															STEEL GRADE				
			0.225	0.250	0.281	0.312	0.344	0.375	0.406	0.438	0.469	0.500	X-42	X-52	X-65	X-70	X-80			
	IN	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM								
6 5/8	168																			
8	219																			
9	244																			
10 3/4	273																			
12 3/4	324																			
13 3/4	340																			
14	356																			
16	406																			

Steel Grade (API)
Processes
Annual Installed Capacity

Pipe
Up to X80.
HFW - ERW / SAWL
535,000 Metric Tons.

Pipe
Diameters
Wall Thickness
Length
6 5/8" - 48"
Up to 1".
12 - 18m in single sections and
24m in double joint.

Tubacero

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PIPE HFW - ERW / SAWL

Monterrey, Nuevo Leon.
Plants: 1, 2, 3.

Based in the city of Monterrey, Nuevo Leon, our facility consists of 3 mills specialized in the production of sour and non sour service pipe by high-frequency electrical resistance process. (HFW - ERW) and SAWL qualified as follows:

Mill 1 - API 5L Grade B to X-80 (SAWL) - Manufactures pipe from 20 to 48 inches in diameter and up to 1 inch.

Mill 2 - API 5L Grade B to X-80 (HFW - ERW / SAWL) - Manufactures pipe from 18 to 36 inches in diameter and up to 5/8 inch.

Mill 3 - API 5L Grade B to X-80 (HFW - ERW) - Manufactures pipe from 6 5/8 to 16 inches in diameter and up to 1/2 inch.

A production capacity of 535 thousand tons, included in Tubacero's annual installed capacity of 1 million tons.

State-of-the-art mills to manufacture carbon steel pipe in X-80 maximum grade.

RELIABLE TECHNOLOGY.

- RAW MATERIAL IN COIL OR PLATE.
- CONTINUOUS CAGE FORMING.



MECHANICAL EXPANSION.

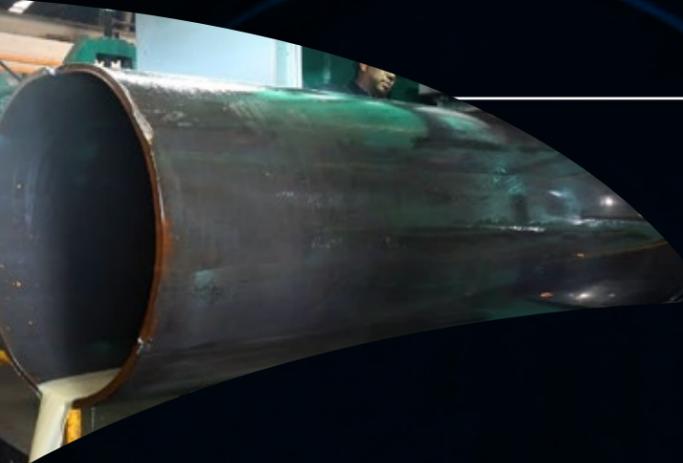


HYDROSTATIC TEST.



ENDS X-RAY.

- FINAL ULTRASONIC INSPECTION.



STATE-OF-THE-ART TECHNOLOGY HFW - ERW WELDING.

- MILL PIPE EXIT.
- ULTRASONIC INSPECTION.



BEVELING.

- FINAL INSPECTION.

SPECIALIZED LABS.

Our laboratories are ISO/IEC 17025 certified; in addition our plants are certified in accordance with API-Q1 ISO 9001 and licenses API 5L-0082, API 5CT-0094, for example:

- TESILE TESTS.
- IMPACT TEST.
- GUIDED BEND TEST.
- DWTT.
- SSC.
- NON-METALLIC INCLUSIONS.
- HIC.



INTERIOR-EXTERIOR SUBMERGED ARC WELDING (SAWL).

