



SPIRAL WELDED PIPE - SAWH

Salinas Victoria Plant - Mill 7

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CUTTING-EDGE TECHNOLOGY

- King Pin - Providing pivoting of the exit table at the same position of the welding point.
- Gap control - weld gap automatic control to keep welding quality.
- Forming capacity up to 144 inches in diameter, with a welding speed up to 100 inches/minute (2.52 m./min.).
- Pipe length up to 24 meters.
- Forming mill of 450 tons of force equipped with ultrasound in line of 6 channels to assure the quality of the weld.
- Trained and certified personnel to perform non-destructive and destructive tests.
- Unique technology in the world such as the 96" coil width.



HYDROSTATIC TEST

3,200 tons of separation force for 24 meters pipe lengths and 30 tons in weight.

ULTRASONIC INSPECTION

Final ultrasonic testing equipment with straight beam and angular beam transducers, automatic weld tracking system by laser beams.



COATINGS

Types of anticorrosive coatings:

FBE: Fusion Bonded Epoxy System.

FBE DUAL: 2-layers; Fusion Bonded Epoxy and abrasion resistant systems for high temperatures.

3LPE: 3-layer polyethylene system.

3LPP: 3-layer polypropylene system.

PU: Polyurethane system.

QUALITY

- Quality management system qualified under specification API-Q1 and ISO 9001.
- Physical and chemical testing laboratory to check and certify quality.
- Reliable inspection equipment of the latest generation of ultrasound and radiography, automated and reporting in real time.
- Certified suppliers.

TRANSPORTATION & SHIPMENT

With 3.6 Km. of railroads distributed in 2 spurs for reception of raw material and load of finished product, Mill 7 has the capacity to receive 43 platforms of 24 meters via railroad.



MILL 7 - SAWH

| Wall Thickness (In.) | 0.235 | 0.250 | 0.281 | 0.312 | 0.344 | 0.375 | 0.406 | 0.438 | 0.500 | 0.562 | 0.625 | 0.688 | 0.750 | 0.812 | 0.875 | 0.938 | 1.000 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter (In.) | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | | | | | | |
| 144 | | | | | | | | | | | | | | | | | |

SAWH
Up to X-100



| | Pipe | Coating |
|---------------------------|------------|-------------------------|
| Steel Grade (API) | Up to X100 | -- |
| Process | SAWH | -- |
| Annual Installed Capacity | 180,000 MT | 600 m ² / hr |
| Diameters | 24" – 144" | 8 5/8" – 144" |
| Wall Thickness | Up to 1" | -- |
| Lengths | 12m - 24m | Up to 24m |

Tubacero

General Headquarters and Monterrey Plant

Av. Guerrero No. 3729 Norte,
Col. Del Norte, Monterrey, N. L.
P: +52 (81) 8305 5536
USA & Canada: 1 888 830 7077
sales@tubacero.com

Salinas Victoria Plant Offices

Blvd. Interpuerto Monterrey
No. 500, Parque Industrial
Interpuerto Monterrey
Salinas Victoria, Nuevo León
P: +52 (81)1454-1300
sales@tubacero.com

Pánuco Plant Offices

Carretera Tampico Cd. Valles
Km 6.5, Poblado el Moralillo,
C. P. 92018, Mpo. De Pánuco,
Veracruz, México.
P: 01 833-229-4000
sales@tubacero.com

México City Offices

Melchor Ocampo No. 193,
Torre "A", 2do piso, Col. Verónica
Anzures, C.P. 11300, México, D. F.
P: +52 (55) 5260 3321,
(55) 5260 3937 (55) 5260 4312
ofmexico@tubacero.com