Casing Processing Capabilities

Туре	Seamless & ERW
Product	
Specification	PSL 1, PSL 2, and PSL 3
Level (PSL)	
Diameters	4 ¹ / ₂ " through 9 ⁵ / ₈ "
Wall	0.250" through 0.750"
Thickness	
Grades	J55, K55, L80, N80 (Q), C90, T95,
	C110, P110, Q125
High Collapse Grade	HCL80 and HCP110
Lengths	Range 1, 2, and 3
Connections	STC, LTC, BTC, TTRS1, TTXS, TTNY





We are one of the largest processors of casing in North America. Your product is processed by the best and most experienced team in the industry. Our team has the flexibility to meet your needs.



Quality Assurance / Quality Control

We have a stringent quality system to ensure tighter process control on all our operations and deliver the highest quality products to you.



PROFESSIONAL AFFILIATIONS

- International Association of Drilling Contractors (IADC)
- American Petroleum Institute (API)
- National Minority Supplier Development Council (NMSDC)



Tejas Tubular Products, Inc.

Corporate Office

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Casing Plant

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- Quick turnaround while emphasizing quality
- Only processor with hot-sizing and hot-straightening
- Unique heat treat set up guaranteeing tighter process control
- Capability to hydro test up to 20,000 nsi

CASING PROCESSING CASING CONNECTIONS

Heat Treat



We are the industry leader in heat treat and set the benchmark for the heat treatment of casing.

We are capable of performing Quench & Temper(Q&T), Normalizing (Norm) and Normalizing & Temper (N&T) at our heat treat. Our heat treat in Houston is a combination of gas-fired furnaces and electrical induction, that help in achieving uniform properties. This enables us to process heavy wall casing and also the sour-service grades that require a tighter tolerance on the through-wall hardness variation.

Our Houston casing plant was built in 2005 and has a capacity of 100,000 net tons per year. Our state-of-the-art facility in New Carlisle, IN. was built in 2013 has a capacity of 100,000 net tons per year.



Hot-Sizing & Hot-Straightening



We are the only processor in the industry with hot-sizing and hot-straightening capabilities.

Our after-temper in-line hot-sizer controls the dimensions of the tube after the temper process, reducing the ovality in the material. All the casing we process, is hot-sized at

temperatures higher than 850°F [454°C]. Minimizing ovality assists in enhanced collapse ratings of the casing and eases the process of threading premium connections.

Our hot-straightening is an in-line operation after the heat treat and sizing operations. The product is straightened at a temperature higher than 750°F [400°C], which is also a requirement for the PSL 2 & PSL 3 products. Our in-house tolerance on straightness is half of API tolerance. In the threading process, this eliminates any necessity of shimming.



Hydro Testing

Our modernized tester has the capability to hydro test up to 20,000 psi and can be adjusted to various lengths using various pressures.



EMI Inspection

We perform EMI on all the casing to detect longitudinal & transverse defects and also measure the wall with 100% coverage.



UTWL

We perform Ultrasonic Weld-Line inspection on the weld seam of all the ERW material posthydrostatic testing to detect weld defects.



Wet Magnetic Particle

We perform wet magnetic particle inspection on all pipe ends to detect for steel or processingrelated defects.

TTRS1



Benefits

- 40% reduction of coupling hoop stress
- 100% efficiency under tension/ compression & internal/external pressure.
- · High torque strength
- ·Reduced erosion due to flush ID
- ·Interchangeable with API buttress
- Lower cost accessories



Benefits

- Lower cost connection
- 100% efficiency under tension/ compression & internal/external pressure
- High torque strength
- Reduced erosion corrosion
- ·Specified torque range
- Interchangeable with TTRS1 and API buttress
- Lower cost accessories



TTNY

Benefits



- Design prevents thread jump-out
- •Two simultaneously landing threads
- Eliminates cross threading
- •100% efficiency under tension/ compression & internal/external pressure
- Deeper stabbing
- ·Reduced erosion due to flush ID
- 4 times faster make-up than API threads
- · Eliminates galling risk



