

## 1. INTRODUCTION



O&US is a leading materials solution provider for pipes, fittings, flanges, plates valves and round bars in Stainless steel, Duplex, Super Duplex and Nickel Alloys

### Our Commitment to Standards and Quality

- ✓ Reliable supply of materials
- ✓ Specialized in material supply
- ✓ Customized services to ensure customer satisfaction
- ✓ Compliant with major international standards: ASTM, ASME, API, JIS, EN, KS
- ✓ Providing the best quality and service

### Reliable Supply & Service

- ✓ Providing the best service between clients and manufacturers
- ✓ A single item can be provided according to customer requirements.
- ✓ Ready stock service for immediate delivery

## 2. ISO CERTIFICATE



Special Materials for Stock and Project Supply

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Special Materials for Stock and Project Supply



3. PRODUCTS

PIPES \* VALVES \* PLATES \* FITTINGS \* FLANGES \* BARS

**Stainless steel** 304L, 310S, 316L, 317L, 321 ,347, 904L  
**Lean Duplex, Duplex, Super Duplex and 6MO(S31254)**  
**INCONEL** 600, 601 ,617, 625, C22, C276  
**INCOLOY** 800/800H/800HT, 825, 925, Alloy20  
**Monel 400, Nickel 200/201, Titanium and Zirconium**



Types

- Seamless
- ERW
- EFW
- DSAW
- Forged

Size & Wall Thickness

- 1/8" NB - 80" NB
- Sch5S - Sch XXS  
(Heavier wall thicknesses available on request)



Items

- Elbow
- Tee
- Reducer
- Cap
- Forged Fitting
- Brach Connection
- Swage Nipple

Size & Wall Thickness

- 3/8" NB - 120" NB
- Sch5S - 120mm  
(Heavier wall thicknesses available on request)

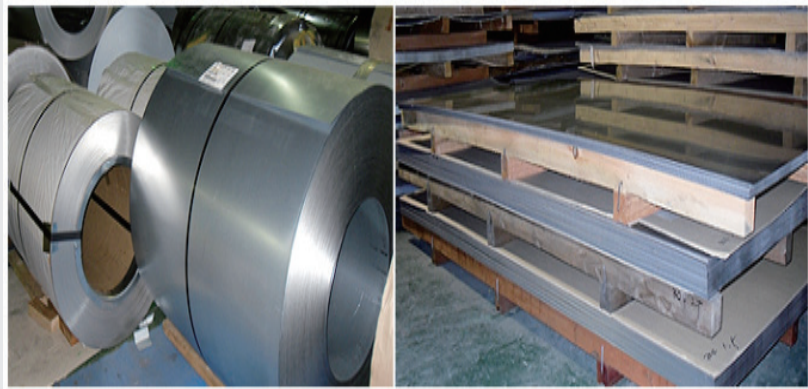


Items

- Welding Neck
- Socket Weld
- Threaded
- Slip-on
- Lap Joint
- Blind
- Collar Ring

Size & Wall Thickness

- 1/4" NB - 80" NB
- Class 150 - Class 2500  
(Available on request)



4. SERVICE

TECHNICAL SUPPORT

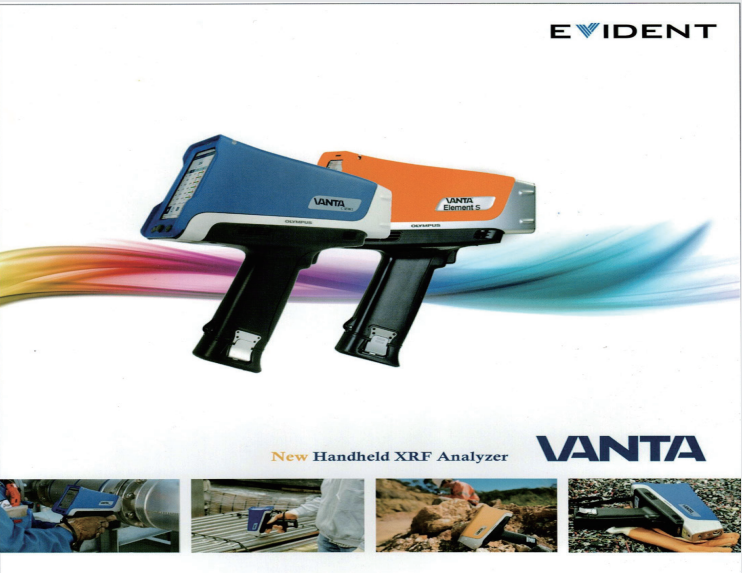
As the complete piping solution provider, O&US provides comprehensive technical support; from general technical information to individual project specifications. O&US employs a technical support team to clarify our customers' technical concerns.

IN-HOUSE TEST SUPPORT

We at O&US can support our customers by performing in-house NDE for the piping materials we supply. The available tests are PMI, PT, MT UT, RT, and Hardness Test. Destructive Tests are also available by employing Third-Party Inspection agents and laboratories.

	Cutting	<ul style="list-style-type: none"><li>• Cutting to required length</li></ul>
	Marking	<ul style="list-style-type: none"><li>• Standard marking according to ASTM, ANSI/ASME, and MSS SP-25</li><li>• Additional marking on request</li></ul>
	Color coding	<ul style="list-style-type: none"><li>• Marking identification color on request</li></ul>
	Packing	<ul style="list-style-type: none"><li>• Wooden Case, Wooden Crate, Wooden Pallet, Wooden Skid-Pallet</li><li>• Plastic caps to protect bevelled end inside surface</li></ul>

5. PMI PROCEDURE



The PMI tester must be contacted vertically horizontal on the materials for the test. PMI shall be performed 100% for Alloy Steel and Stainless steel. If materials were included welded part, PMI shall be applied separate base metal and weld metal. Both inside and outside weld surfaces shall be tested.

Alloys shall be acceptable if the alloying elements are each within 12.5% of the specified range of values. Welds with consumables that match or nearly match, the base metal composition shall be within ±12.5% of the ranges allowed in ASME Sec. II-C for each element. If the PMI testing results fall outside the acceptable range sample cut out from the pieces, chemical analysis perform at laboratory. The rejected items shall be replaced.

6. Warehouse

