

Special Interest Articles:

Page 1 Used Vessel Purchases

Page 2: Stainless prices are Up (↑) and Nickel Prices are on the rise (↑) for the next couple of months

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Purchasing Used Vessels

I am often asked my opinion on purchasing used ASME vessels. Since Trumbo does not deal with used vessels, my personal opinion is, you should buy a new vessel from Trumbo.

However, if a used vessel is being considered, there are a few items that should be addressed prior to purchase. I will briefly discuss what I consider the most important issues.

1. If a used ASME vessel, such as a tank or a reactor, is being considered, the buyer needs to insure the vessel has a Manufacturers Name Plate attached. The Name Plate must have a National Board registration. (Some jurisdictional Authorities (JA) will not allow pressure vessels to be installed in their state without a National Board registration).
2. An ASME or National Board data report would be required. (Data reports that are registered with the National Board can be obtained from that organization for a fee).
3. Thickness readings of all components and

4. Finally, the next issue for the buyer is satisfying the requirements of the JA of the installing state.

Most states have a numbering or tagging system to keep track of vessels in their jurisdiction. Prior to issuing a "State Number", the JA will require certified thickness readings (verification that the thickness meets the requirements of the Data Report), and a hydrostatic test. If the thickness readings are below the allowable indicated on the Data Report, the JA can refuse the unit for installation in his state

Therefore, unless the buyer is diligent and thorough in their vessel research, it can end up costing more than a new vessel.

Used Heat Exchangers are a very different situation. You must remember that most heat exchangers are fabricated for a specific product.

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Tube number baffle numbering, tube size and nozzle product flow signed for the product.

Personally, I purchase a Exchanger.

One last suggestion you find the irresistible, to provide cost to the origin and request cleaned price

Remember, used pressure usually final

I recently visited a customer who used vessels

NON FERROUS SURCHARGE CHART

Prices for Stainless are up (↑) for March deliveries. Nickel Prices up (↑) in March; (↓) down slightly in April and take a big jump in May. Remember, this chart is for surcharge only, it does not include the base price for materials.

Alloy	Jan	Feb	March	April	May	June	July	Aug	Sept
2205	0.702	0.8158	0.8859						
304 CLAD	0.3626	0.3558	0.3776						
304/304L	0.5511	0.6066	0.6502						
304H	0.5511	0.6066	0.6502						
304LN	0.5511	0.6066	0.6502						
304N	0.5511	0.6066	0.6502						
309/309S/309H	0.7336	0.8131	0.8785						
310/310S	1.008	1.1297	1.2333						
316/316L	0.746	0.8643	0.946						
316LN	0.746	0.8643	0.946						
316Ti	0.7686	0.8898	0.9742						
317/317L	0.8705	1.0197	1.1205						
AL-6XN Plus	1.5604	1.5424	1.6759	1.6253	1.994				
alloy 20	1.7049	1.7109	1.9075	1.7805	2.1036				
AL-200 TM	3.2381	3.2872	3.8015	3.487	4.2799				
Al-400 TM	2.5286	2.5921	2.9235	2.72	3.2672				
Al-600 Tm	2.6449	2.6794	3.0531	2.7853	3.3635				
Altemp 625 In	4.5371	4.5376	5.0202	4.8678	5.5352				
Alloy 276	4	4.166	4.4784	4.4253	5.262				

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