

Special Interest Articles:

•Page 1 Rerate to non-code

Page 2: Stainless prices rise (↑) slightly. Nickel prices continue to rise (↑) through August deliveries.

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Rerate an ASME Vessel to Non-Code

I ran into a situation last month where a customer wanted to make repairs on an ASME Vessel that no longer required pressure above 15 PSI. In other words, they wanted to repair and convert an ASME, National Board registered vessel to a non-coded vessel, with pressure <15 PSI.

Sounds easy doesn't it? Abacadabra—you no longer run above 15 PSI , therefore by magic, you are deemed NON-CODE.

Not quite. Most jurisdictions require state registration of coded vessels. Therefore, the first step is notifying the Jurisdictional Authority (JA) of your intent to re-rate the vessel to non-code, and follow their procedure.

Next, Since the vessel is registered with National Board and has a National Board number, a National Board "R" stamp holder will need to "re-rate" the vessel to a pressure of 15 PSI or below. The R-2 (Alteration) form will need to be filed with National Board .

This process will allow the National Board to maintain traceability. They will file the new altered R- 2, (showing the vessel is no longer a pressure vessel) with the original Data Report.

The "R" Stamp holder will affix a National Board Altered name plate on the vessel, adjacent to the existing name plate, stipulating the new pressure and temperature.

The new Altered Nameplate will inform interested parties of the new operating pressure and temperature. This insures the vessel will not be operated above 15 psi or moved to a location that requires pressures above 15 PSI.

One reason for converting an ASME vessel from code to non-code is future repairs. If repairs are made to an ASME code vessel, it must be performed by an National Board Stamp Holder .

If the end user wants to keep the integrity of the National Board Stamping. They can operate the vessel at a lower pressure and/or temperature, as indicated on the nameplate, by installing a pressure relief valve, which will not allow the pressure to rise above the safety valve setting. Naturally, this needs to be approved by the JA.

Remember; always check with the Jurisdictional Authority on changes and modifications to pressure vessels.

If you are interested in obtaining more information about Trumbo, or if you are looking for a quote, just click here.

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This will be my last Newsletter. I have decided to retire in July after 43 years of working with ASME pressure vessels.

I want to thank all of you for reading these newsletters, and special thanks for those of you that corrected the grammar and sent them back.

I also want to thank you for considering Trumbo for your ASME and API vessel requirements. Please continue considering them, they are great people to work for and with.

Respectfully,
Nick Lockard

NON FERROUS SURCHARGE CHART

Prices for Stainless are up (↑) for June deliveries. Nickel Prices continue to rise(↑) through August deliveries. 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	0.9965	0.9831	0.9835			
304 CLAD	0.3626	0.3558	0.3776	0.4271	0.4314	0.4409			
304/304L	0.5511	0.6066	0.6502	0.729	0.7334	0.7524			
304H	0.5511	0.6066	0.6502	0.729	0.7334	0.7524			
304LN	0.5511	0.6066	0.6502	0.729	0.7334	0.7524			
304N	0.5511	0.6066	0.6502	0.729	0.7334	0.7524			
309/309S/309H	0.7336	0.8131	0.8785	0.9722	0.9767	1.0052			
310/310S	1.008	1.1297	1.2333	1.3389	1.344	1.3892			
316/316L	0.746	0.8643	0.946	1.0358	1.0288	1.0445			
316LN	0.746	0.8643	0.946	1.0358	1.0288	1.0445			
316Ti	0.7686	0.8898	0.9742	1.066	1.0591	1.076			
317/317L	0.8705	1.0197	1.1205	1.2244	1.2119	1.2258			
AL-6XN Plus	1.5604	1.5424	1.6759	1.6253	1.994	2.1999	2.2719	2.3001	
alloy 20	1.7049	1.7109	1.9075	1.7805	2.1036	2.2961	2.3302	2.4138	
AL-200 TM	3.2381	3.2872	3.8015	3.487	4.2799	4.7051	4.6119	4.898	
Al-400 TM	2.5286	2.5921	2.9235	2.72	3.2672	3.544	3.4534	3.642	
Al-600 Tm	2.6449	2.6794	3.0531	2.7853	3.3635	3.6864	3.6633	3.8717	
Altemp 625 In	4.5371	4.5376	5.0202	4.8678	5.5352	5.8802	5.9397	6.0507	
Alloy 276	4	4.166	4.4784	4.4253	5.262	5.669	5.7616	5.8231	

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