

Special Interest Articles:

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Stainless is up (↑)
Nickel is down (↓) for
October, rises (↑)
slightly in November,
and jumps up (↑) in
December

1106 Kansas Street, Memphis Tennessee
Phone: (270) 331-0578
Fax: (901) 774-1308

Partial Data Reports

I recently called National Board concerning the correct method of traceability for partial data reports. I gave the National Board the following information:

1. BEM Heat Exchanger (two(2) channel caps attached to a fixed tube heat exchanger)
2. First, I need the shell replaced by a qualified ASME Code shop.
3. Next, after a few months I need the channel caps replaced by a different qualified ASME Code shop.
4. Finally, I need to make repairs to the channel caps of the new partial.

First; since this question was not formally addressed in writing to the National Board, this information is technically unofficial.

Next, after step 3 above, the original unit is completely gone and you actually have a part of a part. Nothing is left of the original unit.

In steps 2-4. The end user needs to use an accredited "R" Stamp holder to perform all the necessary work. The "R" Stamp holder must notify the Jurisdictional Authority (JA) prior to any work performed.

Step 2: When the new "Partial" stamped shell and tube exchanger arrives, the "R" Stamp holder, will remove the Nameplate from the old shell and tube and install it on the existing heads.

A NB Commissioned Inspector must witness this process and the proper "R" form signed. The "R" Stamp holder can then attach the channels to the new "Partial" shell.

In step 3, new "Partial" heads are fabricated by a different Accredited ASME Code shop.

The NB "R" Stamp holder installing the heads must first notify the JA. The "R" Stamp holder will then, under the witness of a NB Authorized Inspector, transfer the original name tag to the new heads prior to installation. The installer will reference the original Fabricator of the vessel, and the original NB number, on the "R" 1 form and in the remarks note the location of the Name Tag.

(Note, at this point there is nothing left of the original vessel. We now have a part of a part.)

In step 4, we need to repair or alter the new "Partial" heads. This is much like the previous step. After notification to the JA, the "R" Stamp holder will use the correct "R" Form and reference the "ORIGINAL" manufacturer name and National Board number. An "R" stamp will be affixed to the part of the vessel repaired.

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

nlockard@trumboinc.com

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This process of replacing and or repairing the vessel can continue indefinitely as long as the original manufacturer and original NB number is referred to on the "R" form.

Naturally, the traceability only works if all the "R" forms are filed with the National Board.

If all work is not performed by a "R" Stamp holder, traceability of the vessel becomes more difficult, if not impossible, and the Authorized Inspector may not approve operation of the vessel in question.

NON FERROUS SURCHARGE CHART

Prices for Stainless are up (↑) for October deliveries. Nickel Prices drop (↓) in October, take a small upward rise (↑) in Nov. and really increase(↑↑) for December Deliveries. Remember, this chart is for surcharge only, it does not include the base price for materials.

Alloy	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2205	0.7523	0.7574	0.7215	0.5632	0.5622	0.6308	0.7588		
304 CLAD	0.3534	0.3347	0.3205	0.2666	0.2726	0.3	0.3594		
304/304L	0.6016	0.5687	0.5403	0.4325	0.4446	0.4948	0.6136		
304H	0.6016	0.5687	0.5403	0.4325	0.4446	0.4948	0.6136		
304LN	0.6016	0.5687	0.5403	0.4325	0.4446	0.4948	0.6136		
304N	0.6016	0.5687	0.5403	0.4325	0.4446	0.4948	0.6136		
309/309S/309H	0.7841	0.7366	0.694	0.5587	0.5767	0.6502	0.8111		
310/310S	1.0369	0.964	0.8965	0.7395	0.7681	0.8823	1.0993		
316/316L	0.7608	0.739	0.6921	0.5689	0.5777	0.6627	0.7982		
316LN	0.7608	0.739	0.6921	0.5689	0.5777	0.6627	0.7982		
316Ti	0.7833	0.7597	0.7109	0.5844	0.594	0.6819	0.8226		
317/317L	0.8799	0.8639	0.8075	0.661	0.6683	0.7703	0.9246		
AL-6XN Plus	1.4162	1.3372	1.4477	1.449	1.3939	1.2735	1.0564	1.1345	1.4131
alloy 20	1.6467	1.4871	1.6107	1.5444	1.4468	1.3372	1.1699	1.2744	1.5584
AL-200 TM	3.1192	2.5648	2.907	2.6976	2.3947	2.1176	1.9971	2.294	3.0329
Al-400 TM	2.3123	1.9708	2.2196	2.0685	1.8568	1.6642	1.6041	1.8355	2.3819
Al-600 Tm	2.6038	2.2021	2.4507	2.2789	2.0593	1.8577	1.6881	1.904	2.4417
Altemp 625 In	4.344	4.0843	4.3166	4.2492	4.1002	3.8758	3.5821	3.7601	4.3039
Alloy 276	3.5832	3.3826	3.6396	3.6576	3.5368	3.261	2.9147	3.0924	3.7369



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