

Special Interest Articles:

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Replacement Heads for existing Vessels.

I have discussed partial fabrication of ASME units in previous newsletters; however, this seems to be somewhat confusing when you are replacing heads for an existing unit, or fabricating extra heads for identical units.

First, the most important issue will be; does the vessel have an ASME nameplate or stamping?

If there is no stamping, then the Jurisdictional Authority must be contacted to verify traceability. This requires filling out a NB 136 form (see attached)and having it approved and signed by the Jurisdictional Authority.

Replacing Head(s) on an existing vessel with an ASME Name Plate or Stamping:

If you have a heat exchanger that needs a head or both heads replaced, (the shell will be reused) and the ASME Stamping is intact on the shell, a new head(s) can be fabricated using a "R-1" Stamp. The new head(s) must be a replacement in kind, no deviation from the original. The "R" Stamp Form must be attached to the original Data Report.

If the replacement head(s) are not an exact replacement of the existing head (different nozzle size, different materials, or any other changes not listed on the original Data Report)

then the head(s) shall be fabricated using the "R-2" Stamp as an Alteration. The "R" Stamp Form shall be attached to the original Data Report for traceability.

Spare Head(s) for identical units.

If you have several identical heat exchangers (same size, materials, pressures, and temperatures) and you want to purchase a spare head(s) that will fit any of these vessels.

First, you must insure the existing vessels have an ASME Name Plate or Stamping.

Next, the new head(s) shall be manufactured using a "U Stamp with a U-2 Partial Data Report and a National Board Number.

This allows the newly fabricated head to be used on any of the identical heat exchangers.

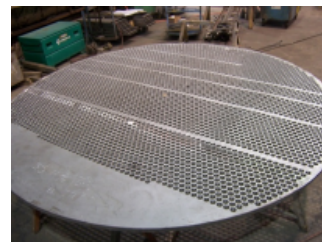
Next month I will address replacing heat exchanger shell and keeping the existing heads.

Trumbo, Inc. can manufacture, alter, or repair heat exchanger head for your existing 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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Tubesheet and Baffle drilling.



Sterilizers: "The Sun never sets on a Trumbo Sterilizer."

Please have a safe Labor Day.

NON FERROUS SURCHARGE CHART

Stainless and Nickel prices are up (↑) for September deliveries. Nickel Prices will continue to rise for October Deliveries. Remember, this chart is for surcharge only, it does not include the base price for materials.

Alloy	Jan	Feb	March	Arpil	May	June	July	Aug	Sept
2205	0.3715	0.385	0.3714	0.3787	0.3964	0.4615	0.5033	0.4944	0.5152
304 CLAD	0.1723	0.1752	0.1689	0.1771	0.3367	0.3603	0.2057	0.2294	0.2416
304/304L	0.3352	0.3321	0.3195	0.3315	0.3433	0.3668	0.3536	0.401	0.4298
304H	0.3352	0.3321	0.3195	0.3315	0.3433	33668	0.3536	0.401	0.4298
304LN	0.3352	0.3321	0.3195	0.3315	0.3343	0.3668	0.3536	0.401	0.4298
304N	0.3352	0.3321	0.3195	0.3315	0.3343	0.3668	0.3536	0.401	0.4298
309/309S/309H	0.4592	0.451	0.4334	0.4518	0.4596	0.4891	0.4308	0.541	0.5863
310/310S	0.6373	0.6208	0.5963	0.6278	0.6303	0.6712	0.6398	0.7541	0.8283
316/316L	0.4112	0.4155	0.4003	0.419	0.4333	0.4918	0.509	0.5427	0.6067
316LN	0.4112	0.4155	0.4003	0.419	0.4333	0.4918	0.509	0.5427	0.5819
316Ti	0.4267	0.4303	0.4146	0.4341	0.4477	0.5069	0.5233	0.5599	0.6015
317/317L	0.4724	0.4801	0.4628	0.4834	0.4982	0.5737	0.606	0.6324	0.6769
347	0.6186	0.6145	0.6012	0.6157	0.6269	0.6521	0.6372	0.6909	0.7238
AL-6XN Plus	0.9877	0.9569	0.7962	0.7521	0.7456	0.7111	0.8028	0.8516	0.9805
alloy 20	1.2687	1.3089	1.0928	0.9979	0.9648	0.9287	1.001	1.0407	1.059
AL-200 TM	2.5184	2.7585	2.1593	1.8684	1.7556	1.6621	1.8748	1.955	1.8669
Al-400 TM	1.8595	2.014	1.5694	1.357	1.2601	1.2208	1.4099	1.4467	1.3692
Al-600 Tm	2.0577	2.2246	1.7855	1.5694	1.4859	1.4144	1.5626	1.6225	1.5595
Altemp 625	3.733	3.7687	3.4028	3.2682	3.2249	3.155	3.2796	3.3502	3.4778
Alloy 276	2.9592	2.9126	2.5444	2.4467	2.4246	2.3485	2.4842	2.5749	2.8598



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