



CERTIFICATE OF COMPLIANCE

DATE: March 1st, 2022

TO: Sample Customer

ORDER NUMBER: PO# ABC000001, Order # B20202

ORDER DESCRIPTION: HART Dielectric Unions

HART PART#: **D-3131-5-V-CS HT #:** (A176104),(A180551/A141988),(A181803)

We certify that the material furnished on this order conforms in all respects with the instructions and specification requirements of your order for the production of precision machined unions from the common piping practices of rolled Carbon Steel bar stock.

We also certify that the above named Union components are manufactured in the United States of America, using materials as shown above and processes in compliance with requirements of accepted industry standards.

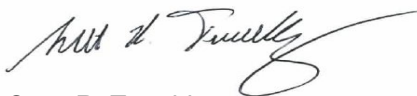
This material is capable of passing a hydrostatic test compatible with the rating of the finished assembly. This material is not exposed to mercury or other alloy that is liquid at ambient temperatures during processing or while in our possession. No weld repair is performed on this material.

The mentioned HART Unions meet the requirements as indicated on the purchase order and as marked on the final machine fitting. We further certify that this material was manufactured to ANSI B1.20.1 REV 95, ASME B16.11, and ASME B36.10M.

B076: All items furnished under this purchase order are genuine and match the quality, test reports, markings and fitness for use required by the purchase order.

These unions shall be designated as Class 3000 socket-welding or threaded and shall carry ratings shown in Table 1 of the MSS SP-83 specification for pressure-temperature service rating.

Service Temperature Degree F	3000lb Socket Welding and Threaded Fittings					6000lb Socket Welding and Threaded Fittings				
	Carbon Steel	F304	F316	F22	F5	Carbon Steel	F304	F316	F22	F5
100	3000	2570	3000	3000	3000	6000	5145	6000	6000	6000
150	2950	2425	2950	2950	2950	5915	4855	5915	5915	5915
200	2915	2280	2915	2915	2915	5830	4585	5830	5830	5830
250	2875	2170	2875	2875	2875	5750	4340	5750	5750	5750
300	2845	2055	2845	2845	2845	5690	4115	5690	5690	5690
350	2810	1965	2810	2810	2810	5625	3930	5625	5625	5625
400	2775	1870	2775	2775	2775	5560	3745	5560	5560	5560
450	2715	1790	2715	2715	2715	5430	3585	5430	5430	5430
500	2605	1715	2605	2605	2605	5210	3430	5210	5210	5210
550	2480	1650	2480	2480	2480	4925	3305	4925	4925	4925
600	2310	1590	2310	2310	2310	4620	3180	4620	4620	4620
650	2150	1535	2150	2150	2150	4300	3070	4300	4300	4300
700	1960	1480	2055	2010	2010	3920	2980	4110	4025	4025
750	1775	1425	1960	1870	1870	3550	2580	3920	3745	3745
800	1525	1370	1865	1735	1735	3050	2745	3730	3470	3470
850	1250	1330	1770	1595	1595	2500	2660	3540	3190	3190
900	925	1290	1675	1455	1455	1885	2580	3350	2915	2915
950	640	1270	1580	1320	1320	1295	2450	3165	2640	2640
1000	350	1250	1485	1115	1240	715	2500	2975	2230	2085


 Scott R. Tremblay
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