

= PORT



D.L. RICCI CORP. TIME TEMPERATURE TABULATIONS

CUSTOMER: _____

DATE: 2-6

CUSTOMER CONTACT: _____

TECHNICIAN: _____

PROCEDURE/MATERIAL: _____

WORK ORDER#: _____

JOB LOCATION: _____

SYSTEM #: _____

RECORDER SERIAL #: AH 00919088

I.S.O. LINE #: _____

SPOOL #: _____

FIELD WELD #: _____

CHART #: 56

TOTAL WELDS: _____

TOTAL TC'S: 6

TIME/TC	1	2	3	4	5	6			
14:12	69	68	69	72	68	68			
14:42	126	124	127	127	126	126			
15:12	142	124	145	125	131	123			
15:42	139	122	144	125	123	122			
16:12	133	127	140	125	123	122			
16:42	157	151	164	125	123	122			
17:12	175	171	178	125	123	122			
17:42	171	170	176	125	123	122			
18:12	170	170	170	125	123	122			
18:42	170	170	170	125	123	122			
19:12	170	170	170	125	123	122			
19:42	174	177	175	131	129	127			
20:12	198	201	200	155	154	152			
20:42	222	220	223	173	175	170			
21:12	219	221	223	173	171	170			
21:42	245	246	252	198	196	185			
22:12	276	270	274	223	221	220			
22:42	287	285	291	237	236	233			
23:12	311	310	316	262	261	258			
23:42	319	320	322	273	271	270			
00:12	335	336	336	273	271	270			
00:42	360	361	361	273	271	270			
1:12	375	372	380	273	271	270			
1:42	401	401	405	273	272	270			
2:12	421	421	423	274	271	270			
2:42	446	446	449	273	271	271			
3:12	470	470	472	273	271	270			
3:42	486	487	489	273	271	270			
4:12	511	512	514	273	271	270			

* Time/Temperature Log shall be used to record temperatures above 800 Degrees F (or per applicable procedure) every hour during the heating and cooling cycles and every one-half hour during PWHT cycle.

[Handwritten Signature] 11/11/2006

K Drive: Time Temp Log



D.L. RICCI CORP. TIME TEMPERATURE TABULATIONS

CUSTOMER: _____

DATE: 2-7

CUSTOMER CONTACT: _____

TECHNICIAN: _____

PROCEDURE/MATERIAL: _____

WORK ORDER#: _____

JOB LOCATION: _____

SYSTEM #: _____

RECORDER SERIAL #: AH 009A088

I.S.O. LINE #: _____

SPOOL #: _____

FIELD WELD #: _____

CHART #: 5

TOTAL WELDS: _____

TOTAL TC'S: 6

vessel ports
 5:30
 6:00

TIME/TC	1	2	3	4	5	6			
4:42	527	529	531	273	271	270			
5:12	553	554	555	273	271	270			
5:42	569	570	570	273	271	270			
6:12	592	594	594	273	271	270			
6:42	617	619	619	273	271	270			
7:12	635	637	639	272	272	270			
7:42	666	662	664	274	274	270			
8:12	673	674	674	277	278	271			
8:42	697	699	700	295	293	275			
9:12	699	700	700	299	298	290			
9:42	700	700	701	294	297	295			
10:12	704	706	707	300	297	299			
10:42	707	707	708	306	301	294			
11:12	707	707	708	308	301	304			
11:42	707	707	708	306	301	299			
12:12	707	708	708	306	301	300			
12:42	707	707	708	307	301	300			
13:12	707	707	708	309	301	300			
13:42	707	707	708	311	301	300			
14:12	707	707	708	311	301	299			
14:42	707	707	708	310	301	300			
15:12	707	707	708	308	301	300			
15:42	707	707	708	708	301	300			
16:12	707	707	708	309	301	300			
16:42	707	707	708	309	301	300			
17:12	707	707	708	309	301	300			
17:42	707	708	708	310	301	300			
18:12	707	707	708	310	301	300			
18:42	707	707	708	311	300	300			

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D.L. RICCI CORP. TIME TEMPERATURE TABULATIONS

CUSTOMER: _____

DATE: 2-8

CUSTOMER CONTACT: _____

TECHNICIAN: _____

PROCEDURE/MATERIAL: _____

WORK ORDER#: _____

JOB LOCATION: _____

SYSTEM #: _____

RECORDER SERIAL #: AH 009A088

I.S.O. LINE #: _____

SPOOL #: _____

FIELD WELD #: _____

CHART #: 56

TOTAL WELDS: _____

TOTAL TC'S: 6

TIME/TC	1	2	3	4	5	6			
19:12	707	707	708	310	301	300			
19:42	707	707	708	307	301	300			
20:12	707	707	708	305	301	300			
20:42	705	707	708	304	301	300			
21:42	707	708	708	303	301	300			
22:42	707	707	708	304	301	300			
23:42	707	707	708	303	301	300			
00:42	708	707	708	303	301	300			
01:42	708	707	708	303	301	300			
02:42	707	708	708	303	301	300			
03:42	707	707	708	303	301	300			
4:42	707	707	708	303	301	300			
5:42	707	708	708	304	301	300			
6:42	707	707	708	303	301	300			
7:42	707	707	708	304	301	300			
8:42	695	698	698	305	301	300			
9:12	671	673	674	304	301	300			
9:42	648	649	649	303	301	300			
10:12	601	625	625	303	301	300			
10:42	597	600	600	303	301	300			
11:12	571	508	585	303	301	300			
12:12	498	536	498	309	301	300			
13:12	445	489	468	313	301	300			
14:12	399	449	399	311	300	300			
15:12	369	403	305	287	277	275			
16:12	349	358	350	257	251	249			
17:12	341	346	347	240	223	227			
18:12	299	323	303	227	196	208			
19:12	297	302	299	215	180	195			

8:30
Pop
ON Vess

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D.L. RICCI CORP. TIME TEMPERATURE TABULATIONS

CUSTOMER: _____

DATE: 2-7

CUSTOMER CONTACT: _____

TECHNICIAN: _____

PROCEDURE/MATERIAL: _____

WORK ORDER#: _____

JOB LOCATION: _____

SYSTEM #: _____

RECORDER SERIAL #: AH 604A088

I.S.O. LINE #: _____

SPOOL #: _____

FIELD WELD #: _____

CHART #: 56

TOTAL WELDS: _____

TOTAL TC'S: 6

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soak
3:45
vesse

TIME/TC	1	2	3	4	5	6			
20:12	279	284	280	197	169	184			
21:12	248	268	262	184	157	174			
22:12	241	254	246	182	151	165			
23:12	202	239	219	173	142	156			
00:12	199	225	200	166	135	149			
01:26	199	208	200	152	129	140			
2:26	240	248	241	179	126	135			
3:26	283	283	287	178	158	165			
4:26	318	320	324	177	195	192			
5:26	361	362	365	239	237	234			
6:26	401	404	406	278	276	274			
7:26	450	450	453	278	276	275			
8:26	494	495	498	290	298	296			
9:26	536	537	540	303	301	299			
10:26	576	579	579	309	301	300			
11:26	617	621	622	305	306	305			
12:26	655	660	661	305	305	305			
13:26	696	700	700	305	305	305			
14:26	704	707	708	311	308	305			
15:26	703	707	708	319	310	300			
16:26	706	707	708	308	306	300			
17:26	706	707	708	308	306	301			
18:26	707	707	708	308	306	301			
19:26	707	707	708	308	306	301			
20:26	707	707	709	308	306	301			
21:26	707	707	708	308	306	301			
22:26	707	707	708	308	306	301			
23:26	707	707	708	308	306	301			
00:26	707	708	308	308	306	301			

* Time/Temperature Log shall be used to record temperatures above 800 Degrees F (or per applicable procedure) every hour during the heating and cooling cycles and every one-half hour during PWHT cycle.

= PORT



D.L. RICCI CORP. TIME TEMPERATURE TABULATIONS

CUSTOMER: _____

DATE: 2-10

CUSTOMER CONTACT: _____

TECHNICIAN: 9

PROCEDURE/MATERIAL: _____

WORK ORDER #: _____

JOB LOCATION: _____

SYSTEM #: _____

RECORDER SERIAL #: _____

I.S.O. LINE #: _____

SPOOL #: _____

FIELD WELD #: _____

CHART #: 5

TOTAL WELDS: _____

TOTAL TC'S: 6

TIME/TC	1	2	3	4	5	6	7	8	9	10	11	12
1:26	707	708	708	308	306	301						
2:26	707	707	708	308	306	301						
3:26	707	707	708	308	306	301						
4:26	717	707	708	308	306	301						
5:26	707	707	708	308	306	301						
6:26	707	707	708	308	306	299						
7:26	707	707	708	308	304	301						
8:26	679	673	674	908	306	301						
9:26	626	628	628	308	306	301						
10:26	585	585	588	308	306	300						
11:26	497	513	498	289	290	283						
12:26	466	472	478	260	252	254						
13:26	400	416	399	242	237	238						
14:26	387	387	390	226	212	221						
15:26	324	345	331	212	192	206						
16:26	294	308	295	199	177	192						
17:26	245	275	248	186	163	180						
18:26	212	246	216	178	152	169						
19:26	188	227	192	165	143	158						
20:26	170	178	178	156	136	146						
21:26	157	199	160	147	128	132						

45
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D.L. RICCI CORP.
 5001 Moundview Drive
 Red Wing, Minnesota 55956
 Phone: 651/388-8661 Fax: 651/388-0002

CERTIFICATE OF CALIBRATION

MODEL: CHINO	SERIAL NO: AH009 A088
THERMOCOUPLE TYPE: K	RANGE: 0 - 2000 F.
CALIBRATION DATE: 10-12-05	DUE DATE: 4-12-06

TEST EQUIPMENT USED: THERMO-ELECTRIC E-2642	
MANUFACTURER: Thermo-Electric	CALIBRATION DATE: 10-12-05
MODEL NO: E-2642	ACCURACY: +/- 1 F
SERIAL NO: 0008032	

AMBIENT TEMP: HUMIDITY: ZONE: 1

INPUT	AS FOUND	AS LEFT	ACCURACY
200	198	200	+/-10 DEG F
400	401	400	+/-10 DEG F
600	600	600	+/-10 DEG F
800	800	800	+/-10 DEG F
1000	1002	1000	+/-10 DEG F
1200	1198	1200	+/-10 DEG F
1400	1400	1400	+/-10 DEG F
1600	1600	1600	+/-10 DEG F
1800	1800	1800	+/-10 DEG F
2000	2000	2000	+/-10 DEG F

THIS INSTRUMENT HAS BEEN CALIBRATED WITHIN MANUFACTURERS SPECIFICATION.
 THIS CALIBRATION IS TRACEABLE TO THE N.I.S.T.
 WE GUARANTEE THAT THIS PRODUCT HAS PASSED THROUGH E.H.S. STANDARD
 TESTING AND SATISFIES ALL SPECIFICATIONS

CALIBRATED BY: Michael Staehli
 SIGNATURE: Michael W. Staehli

PREHEAT AND STRESS RELIEVING EQUIPMENT