

Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58414

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
18	20	1 6M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.06	0.10	0.990	0.010	0.000	0.030	0.009
	S	SI	V					
	0.018	0.190	0.004					
Carbon Equivalency:	Ladle		0.39					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	78,750	50,250	28.00	61.80	147 BHN
					147 BHN

AS FORGED

I.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



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Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58445

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Material: A/SA105 09

Item	Quantity	Description
10	10	3/4 9M 90EL S A/SA105

Chemical Composition

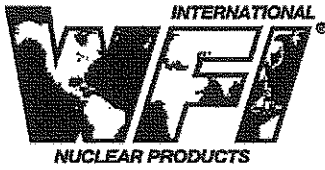
Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2100	0.04	0.08	1.020	0.010	0.016	0.030	0.008
	S	SI	V					
	0.022	0.220	0.004					

Carbon Equivalency: Ladle 0.40

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	78,750	52,500	30.55	60.30	144 BHN
					147 BHN

AS FORGED

1.
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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58469

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Material: A/SA105 09

Item	Quantity	Description
3	100	1 3M 90EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1900	0.05	0.13	1.000	0.010	0.015	0.040	0.009
	S	SI	V					
	0.019	0.200	0.004					

Carbon Equivalency: Ladle 0.38

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	80,000	48,750	28.20	62.30	153 BHN
					156 BHN

AS FORGED
 1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58477

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

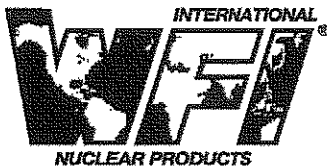
Item	Quantity	Description
24	10	1 1/2X1 1/2X 1 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.05	0.17	1.020	0.010	0.014	0.040	0.008
	S	SI	V					
	0.023	0.190	0.004					
Carbon Equivalency:	Ladle		0.40					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	77,500	46,875	29.05	61.80	147 BHN
					150 BHN

AS FORGED
 1.
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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58489

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
9	100	1/2 3M 90EL S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1900	0.09	0.08	1.090	0.010	0.012	0.030	0.009
	S	SI	V					
	0.021	0.190	0.004					
Carbon Equivalency:	Ladle		0.40					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness	
	77,500	51,875	31.10	64.20	144 BHN	147 BHN

AS FORGED

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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58506

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Material: A/SA105 09

Item	Quantity	Description
4	100	11/2 3M 90EL T A/SA105

Chemical Composition

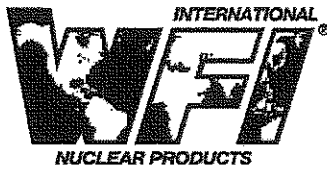
Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1900	0.03	0.04	1.070	0.000	0.016	0.020	0.006
	S	SI	V					
	0.021	0.190	0.004					

Carbon Equivalency: Ladle 0.38

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	73,750	51,250	30.95	66.55	135 BHN
					135 BHN

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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58512

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Material: A/SA105 09

Item	Quantity	Description
12	50	11/2 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.03	0.06	1.040	0.010	0.016	0.030	0.008
	S	SI	V					
	0.020	0.190	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	78,750	48,750	31.10	63.50	144 BHN
					147 BHN

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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58534

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Material: A/SA105 09

Item	Quantity	Description
16	100	11/2 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2100	0.03	0.04	1.060	0.010	0.015	0.010	0.004
	S	SI	V					
	0.020	0.210	0.003					
Carbon Equivalency:	Ladle			0.40				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness	
	78,964	50,400	32.15	64.24	147 BHN	147 BHN

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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58602

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Material: A/SA105 09

Item	Quantity	Description
11	60	1 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.04	0.09	1.010	0.010	0.015	0.040	0.007
	S	SI	V					
	0.020	0.220	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	77,857	50,378	32.20	61.53	153 BHN
					153 BHN

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Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58625

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Material: A/SA105 09

Item	Quantity	Description
13	1	2 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2100	0.03	0.05	1.040	0.000	0.015	0.020	0.006
	S	SI	V					
	0.016	0.220	0.003					
Carbon Equivalency:	Ladle			0.40				

Product	B	C	CR	CU	MN	MO	Nb	NI
	<0.0002	0.2180	0.03	0.06	1.000	0.004	0.016	0.022
	P	S	SI	V				
	0.002	0.010	0.213	0.010				
Carbon Equivalency:	Product			0.40				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	76,700	49,804	30.20	63.76	141 BHN
					147 BHN

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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58650

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Material: A/SA105 09

Item	Quantity	Description
6	68	2 3M 90EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.03	0.08	1.060	0.010	0.014	0.030	0.006
	S	SI	V					
	0.020	0.200	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	80,323	49,420	29.45	57.56	144 BHN 150 BHN

AS FORGED

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IN ACCORDANCE WITH NACE SPEC MR0175-2009



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Sales Order #: C001303158

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Certified Material Test Report

Heat Code: 58652

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Material: A/SA105 09

Item	Quantity	Description
19	1	11/2 3000 HOT-DIP 45EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2100	0.03	0.08	1.040	0.000	0.014	0.020	0.008
	S	SI	V					
	0.019	0.230	0.003					

Carbon Equivalency: Ladle 0.40

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	74,454	49,388	33.00	63.52	139 BHN
					139 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



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MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58661

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Material: A/SA105 09

Item	Quantity	Description
2	54	2 3M 45EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2000	0.03	0.07	1.020	0.000	0.014	0.020	0.007
	S	SI	V					
	0.018	0.210	0.003					
Carbon Equivalency:	Ladle			0.38				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	75,067	58,736	34.45	66.80	137 BHN
					141 BHN

AS FORGED

1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



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Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58696

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Material: A/SA105 09

Item	Quantity	Description
13	24	2 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1980	0.05	0.07	1.020	0.006	0.016	0.020	0.007
	S	SI	V					
	0.019	0.200	0.003					
Carbon Equivalency:	Ladle		0.39					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	82,403	52,840	30.25	63.52	150 BHN
					153 BHN

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Certified Material Test Report

Heat Code: 58711

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Material: A/SA105 09

Item	Quantity	Description
5	100	1/2 3M 90EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2070	0.03	0.07	1.010	0.004	0.014	0.020	0.006
	S	SI	V					
	0.020	0.200	0.003					
Carbon Equivalency:	Ladle		0.39					

Product	B	C	CR	CU	MN	MO	NI	P
	0.0002	0.2030	0.04	0.07	0.960	0.003	0.026	0.003
	S	SI	V					
	0.010	0.218	0.010					
Carbon Equivalency:	Product		0.38					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	76,111	50,301	32.35	62.07	137 BHN
					139 BHN

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MTR #: 250,049

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Date: 03/25/2013

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Certified Material Test Report

Heat Code: 58732

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Material: A/SA105 09

Item	Quantity	Description
8	100	1 1/2 3M 90EL S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1930	0.06	0.16	1.040	0.009	0.015	0.050	0.007
	S	SI	V					
	0.020	0.190	0.003					
Carbon Equivalency:	Ladle		0.40					

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	79,664	50,474	32.40	61.12	141 BHN
					147 BHN

AS FORGED

1.
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Certified Material Test Report

Heat Code: 58739

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Material: A/SA105 09

Item	Quantity	Description
17	38	2 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1970	0.04	0.11	1.060	0.010	0.015	0.050	0.006
	S	SI	V					
	0.024	0.190	0.004					

Carbon Equivalency: Ladle 0.40

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	75,874	48,465	34.80	61.03	141 BHN
					147 BHN

AS FORGED

I.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58751

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
17	62	2 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1500	0.11	0.20	1.030	0.040	0.002	0.080	0.009
	S	SI	V					
	0.018	0.260	0.022					
Carbon Equivalency:	Ladle			0.38				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	79,484	53,640	30.35	62.75	156 BHN
					162 BHN

AS FORGED
 1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58780

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
21	20	2 X2 X 1 1/2 3M A105 TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2120	0.04	0.07	1.050	0.008	0.013	0.020	0.006
	S	SI	V					
	0.019	0.220	0.004					

Carbon Equivalency: Ladle 0.40

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	80,850	49,682	31.35	62.07	144 BHN
					147 BHN

AS FORGED

1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
4404 Haygood St - Houston, TX 77022
Phone: 713-695-3633 Fax: 713-695-3528
A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58792

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
19	1	11/2 3000 HOT-DIP 45EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2120	0.04	0.08	1.060	0.005	0.014	0.020	0.009
	S	SI	V					
	0.020	0.200	0.004					
Carbon Equivalency:	Ladle			0.41				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness	
	77,502	50,040	30.80	61.58	139 BHN	141 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58797

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
7	300	1 3M 90EL S A/SA105
15	30	1 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2050	0.04	0.11	1.010	0.008	0.014	0.030	0.012
	S	SI	V					
	0.020	0.200	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	75,400	51,006	33.65	62.32	135 BHN
					135 BHN

AS FORGED

1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58801

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
20	50	1/2 3000 HOT-DIP 90EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2130	0.04	0.07	1.060	0.005	0.014	0.020	0.012
	S	SI	V					
	0.018	0.210	0.004					
Carbon Equivalency:	Ladle		0.41					

Product	C	CR	CU	MN	MO	NI	P	S
	0.0000	0.00	0.00	0.000	0.000	0.000	0.000	0.000
	SI	V						
	0.000	0.000						

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	77,997	51,245	29.85	63.76	141 BHN
					147 BHN

AS FORGED
 1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009

Marie Dehmer
 Quality Assurance Representative



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58852

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
14	25	1/2 6M TEE T A/SA105
15	20	1 3M TEE S A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2070	0.05	0.09	1.020	0.006	0.015	0.030	0.008
	S	SI	V					
	0.022	0.210	0.004					

Carbon Equivalency: Ladle 0.40

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	83,014	52,417	29.80	60.19	156 BHN
					159 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components
 4404 Haygood St - Houston, TX 77022
 Phone: 713-695-3633 Fax: 713-695-3528
 A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58868

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
13	31	2 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2010	0.07	0.11	1.040	0.007	0.014	0.030	0.010
	S	SI	V					
	0.019	0.250	0.004					
Carbon Equivalency:	Ladle			0.40				

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	82,991	54,156	30.75	61.09	150 BHN
					153 BHN

AS FORGED

1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58906

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
1	50	1/2 3000 45EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2030	0.04	0.05	1.040	0.009	0.011	0.040	0.011
	S	SI	V					
	0.023	0.210	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	75,719	49,605	29.75	60.10	141 BHN
					141 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58916

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
19	48	11/2 3000 HOT-DIP 45EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1920	0.03	0.06	1.100	0.004	0.015	0.020	0.009
	S	SI	V					
	0.020	0.230	0.004					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	75,155	49,930	34.20	61.83	139 BHN
					141 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
 11811 NORTH FREEWAY
 SUITE 500
 HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58936

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
22	10	2 X2 X 1/2 3000 TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.1940	0.05	0.13	1.020	0.008	0.015	0.040	0.010
	S	SI	V					
	0.021	0.210	0.003					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	79,883	49,954	30.15	60.35	147 BHN
					147 BHN

AS FORGED

1.
 IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58944

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
6	85	2 3M 90EL T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2010	0.04	0.05	1.060	0.003	0.016	0.010	0.007
	S	SI	V					
	0.020	0.230	0.003					

Carbon Equivalency: Ladle 0.39

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	80,112	50,761	30.20	62.80	147 BHN
					147 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009



Sold To: PLESA STEEL INC
11811 NORTH FREEWAY
SUITE 500
HOUSTON TX 77060

Manufacturer of Piping and Pressure Vessel Components

4404 Haygood St - Houston, TX 77022

Phone: 713-695-3633 Fax: 713-695-3528

A Bonney Forge Company

MTR #: 250,049

PO #: 77

Sales Order #: C001303158

Date: 03/25/2013

This product has not come in direct contact with mercury or any of its compounds, nor with any mercury-containing device employing a single boundary of containment. No welding performed.

Certified Material Test Report

Heat Code: 58985

We certify that the contents of this report are correct and accurate, and that all test results and operations performed by WFI or its subcontractors are in compliance with the material specification and requirements of the referenced code or standard, and that the material conforms to the dimensional requirements of the order. This document is in accordance with EN10204 3.1.

Material: A/SA105 09

Item	Quantity	Description
23	10	2 X2 X 3/4 3M TEE T A/SA105

Chemical Composition

Ladle	C	CR	CU	MN	MO	NB	NI	P
	0.2100	0.03	0.08	1.090	0.007	0.013	0.020	0.006
	S	SI	V					
	0.020	0.210	0.004					

Carbon Equivalency: Ladle 0.41

Product	Tensile PSI	Yield PSI	Elong %	RA %	Hardness
	74,113	48,984	34.65	63.52	137 BHN
					139 BHN

AS FORGED

1.
IN ACCORDANCE WITH NACE SPEC MR0175-2009