



Carondelet Division

8600 Commercial Blvd. - Pevely, MO 63070 USA
Phone: 636-479-4499 - Fax: 636-479-3399

Material Test Report

ENERGY INDUSTRIES OF OHIO

Purchase Order Number PPPL-FP-LTS-2

Pattern Number MCWF-C3

CAF Metal Designation CF8MNMnMod

Material Spec CF8MNMnMOD

Ladle#1 Heat 29716

Cert Number S75920-2

Pour Date 6/10/2005

Element	Min	Actual	Max
C	0.04	0.04	0.07
MN	2.3	2.5	2.8
SI	0.0	0.3	0.5
CR	18.0	18.1	18.5
NI	13.0	13.2	13.5
MO	2.1	2.3	2.5
P	0.0	0.001	0.015
S	0.0	0.001	0.015
N	0.24	0.25	0.28

A handwritten signature in black ink, appearing to read "CAR" or "C.A.R.", likely representing Charles A. Ruud.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

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Material Spec CF8MNMnMOD

Ladle#1 Heat 29717

Cert Number S75920-2

Pour Date 6/10/2005

Element	Min	Actual	Max
C	0.04	0.04	0.07
MN	2.3	2.4	2.8
SI	0.0	0.5	0.5
CR	18.0	18.2	18.5
NI	13.0	13.4	13.5
MO	2.1	2.3	2.5
P	0.0	0.001	0.015
S	0.0	0.001	0.015
N	0.24	0.25	0.28

A handwritten signature in black ink, appearing to read "CAR" or similar, with a stylized flourish.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

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Pattern Number MCWF-C3

CAF Metal Designation CF8MNMnMod

Material Spec CF8MNMnMOD

Ladle#1 Heat 29720

Cert Number S75920-2

Pour Date 6/10/2005

Element	Min	Actual	Max
C	0.04	0.04	0.07
MN	2.3	2.5	2.8
SI	0.0	0.4	0.5
CR	18.0	18.2	18.5
NI	13.0	13.3	13.5
MO	2.1	2.3	2.5
P	0.0	0.001	0.015
S	0.0	0.001	0.015
N	0.24	0.25	0.28

A handwritten signature in black ink, appearing to read 'CARU', is located above the printed name of the Quality Assurance Manager.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

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Material Spec CF8MNMnMOD

Weighted average of 3 heats – 29716(40%),29717(21%),29720(39%) Total Weight 32016 lbs.

Element	Min	Actual	Max
C	0.04	0.04	0.07
MN	2.3	2.5	2.8
SI	0.0	0.4	0.5
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