

Brammer Standard Company, Inc.

Certificate of Analysis

INCO TYPE NICKEL ALLOY REFERENCE MATERIALS

<u>B.S. No.</u> ALLOY	<u>625</u> INCO 625	<u>690</u> INCO 690	<u>B.S. No.</u> ALLOY
C	0.026	0.025	C
Mn	0.21	0.20	Mn
P	0.011	0.011	P
S	0.0011	0.0010	S
Si	0.29	0.39	Si
Cu	0.35	0.28	Cu
Ni	60.8	58.5	Ni
Cr	21.70	30.10	Cr
Mo	8.51	0.16	Mo
Al	0.20	0.26	Al
Nb	3.35	0.19	Nb
Ta	<0.002	<0.002	Ta
Co	0.10	0.076	Co
Ti	0.30	0.32	Ti
Fe	4.19	9.49	Fe

(analysis listed as percent by weight)

CHEMICAL ANALYSES were made on drillings from the mid-radius of the bars. The values listed are the average of results from chemical analyses and have been checked by spectrographic analyses.

COOPERATING ANALYSTS were:

Allegheny Ludlum Steel Corp., Brackenridge, PA

Alpha Resources, Inc., Stevensville, MI

Cameron Iron, Houston, TX

Colt/Crucible Specialty Metals Div., Syracuse, NY

Midstates Analytical Laboratories, Tulsa, OK

The material was produced by Huntington Alloy Products, Huntington, WV.

Certificate No. REC625-690-052088

THIS CERTIFICATE OF ANALYSIS HAS BEEN RECREATED FOR POSTING ON THE WEB.

Brammer Standard Company, Inc., 14603 Benfer Road, Houston, TX 77069

Telephone (281) 440-9396

Fax (281) 440-4432