

CERTIFICATION REPORT

CUSTOMER:	STONE TUCKER INSTRUMENTS	DATE:	9/24/18
SERIAL NO:	57033	ITEM:	5-STEP BLOCK, INCH
		PO NO:	O18092401
MATERIAL:	1018 STEEL, NICKEL-PLATED	HEAT NO:	85840
APPLICABLE SPECIFICATION:	ASTM E797 FIG. X1.2, U.S. CUSTOMARY BLOCK, INCHES		
MEASURING TECHNIQUE USED:	NIST TRACEABLE EQUIPMENT USED /TEST NO:		
REPLICATION	VIDEO MEASUREMENT SYS	821/262115-99	
XX DIRECT MEASUREMENT	DIAL INDICATOR	683/287532-16	
OTHER	MICROMETER	683/287532-16	
	XX GAGE BLOCKS	683/287532-16	



Manufactured in accordance with Quality Assurance Program Revision 3 dated 8/31/17 that complies with MIL-Q-9858A, 10CFR50 App B, ANSI N45.2, ASME Sec III Div 1 and MIL-I-45208A.

MATERIAL TEST REPORT ATTACHED

STEP No.	STEP THICKNESS ± 0.001"
1	0.100
2	0.200
3	0.300
4	0.400
5	0.500

DIMENSIONS IN INCHES

IT IS CERTIFIED THAT THIS REFERENCE STANDARD HAS BEEN MANUFACTURED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND INSPECTED WITH INSTRUMENTS CALIBRATED IAW MIL-STD-45662 (LATEST REV.), ISO 10012-1 AND ANSI/NCSL Z540-1 USING MASTER GAGE BLOCKS AND MICRORULE MASTER SCALES DIRECTLY TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST).

AUTHORIZED SIGNATURE  

PHILIP R. HERMAN, QA MANAGER



6021 EASTON ROAD, PIPERSVILLE, PA 18947 USA
T: 267-203-1600 · F: 267-203-1601 · www.phtool.com

This Certification Report shall not be reproduced except in full, without the written approval of PH TOOL.

Customer Name PH TOOL COMPANY
 Customer PO# 8788
 Shipper No 772357
 Heat Number 85840

3/4" Thick
 1018 Steel
 Traflix
 PA Steel
 HT #85840 PH PO # 8788

Attestato di Controllo
 Wertschein / Test report / Relevé de contrôle
 EN 10204 2.2

TRAFLIX
 TRAFILIT - RELATRIQUILLATI -
 RETIFICATI - LAMINATI
 IN ACCIAI COMMUNI E DI QUALITÀ

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AD
 ASSOCIAZIONE
 PERSONE 2010

Destinazione / Bestimmung / Désignation / Destinatar:		D.d.T. Liefererschein Delivery note Document		Data: Datum Date Date		Pag. 1/1			
Ciliente / Kunde / Customer / Client:		Colata Charge / Heat / Coale		Analisi chimica % - Chemische Zusammensetzung % - Chemical Analysis % - Analyse Chimique %					
Norme di Prodotto / Norm / Norme / Norme		C 0,16		Si 0,22	Mn 0,87	P 0,015	S 0,021	Cr 0,15	Mo 0,02
PENNSYLVANIA STEEL COMPANY, INC. 1777 WOODRAVEN DRIVE, P.O. BOX 40 USA - 19020 BERSALEM)		TX084510		Cr	Al 0,005	Pb	B	V	Ca
Misura / Material / Material / Matière		TX085073		Ti	W	Te	Bi	Nb	Cr+Mo+Ni 0,230
Norme di Prodotto / Norm / Norme / Norme		TX083048		Si 0,20	Mn 0,75	P 0,007	S 0,006	Cr 0,08	Mo 0,04
080A15SAE 1018+C COLD DRAWN		TX085840		Cu	Al 0,020	Pb	B	V	Ca
Ord. n. 159261 * Flat 1 58"x 4"		TX084075		Ti	W	Te	Bi	Nb	Cr+Mo+Ni 0,280
ES 970-3 # ASTM A 108-07 # ASTM A 29-12 Kg. 2.128		TX085195		Si 0,21	Mn 0,78	P 0,007	S 0,007	Cr 0,11	Mo 0,06
080A15SAE 1018+C COLD DRAWN				Cu	Al 0,020	Pb	B	V	Ca
Ord. n. 144617 * Flat 6"x 3/8"				Ti	W	Te	Bi	Nb	Cr+Mo+Ni 0,340
ES 970-3 # ASTM A 108-07 # ASTM A 29-12 Kg. 1.900				Si 0,20	Mn 0,63	P 0,005	S 0,008	Cr 0,11	Mo 0,05
080A15SAE 1018+C COLD DRAWN				Cu	Al 0,022	Pb	B	V	Ca
Ord. n. 148024 * Flat 7"x 1/2"				Ti	W	Te	Bi	Nb	Cr+Mo+Ni 0,340
ES 970-3 # ASTM A 108-07 # ASTM A 29-12 Kg. 1.958				Si 0,21	Mn 0,78	P 0,007	S 0,008	Cr 0,12	Mo 0,04
080A15SAE 1018+C COLD DRAWN				Cu	Al 0,020	Pb	B	V	Ca
Ord. n. 151531 * Flat 12"x 3/4"				Ti	W	Te	Bi	Nb	Cr+Mo+Ni 0,310
ES 970-3 # ASTM A 108-07 # ASTM A 29-12 Kg. 1.928				Si 0,04	Mn 1,15	P 0,032	S 0,300	Cr	Mo
080A15SAE 1018+C COLD DRAWN				Cu	Al	Pb 0,20	B	V	Ca
Ord. n. 148624 * Square 5/16"				Ti	W	Te	Bi	Nb	Cr+Mo+Ni
ASTM A 108-07 Kg. 1.013									

Note / Remarks / Bemerkungen Tolleranze secondo Tolleranze nach Tolerances according to Tolerances selon EN 10218

N.B. Materiale conforme all'originale. Il certificato originale è depositato presso i nostri archivi. - Waren entsprechend der Bestellung. Das Originalwertzeugnis ist bei unserem Archiv verfügbar. - Goods conforming to P.O. Original certificate is available in our files. - Les produits sont conformes à la commande. Le document original est gardé chez nos archives.

Controllo Qualità
 Fulvio Gallo

PH TOOL
 This material used for
 Standard no. 57033
 Date 9-24-18
 QA Approval E



6021 Easton Road, Pipersville, PA 18947
 TEL: 267-203-1600 FAX: 267-203-1601
 EMAIL: Info@phtool.com

Result:

Exact Match: **1018 Steel**

Heat/Lot #: **85840**

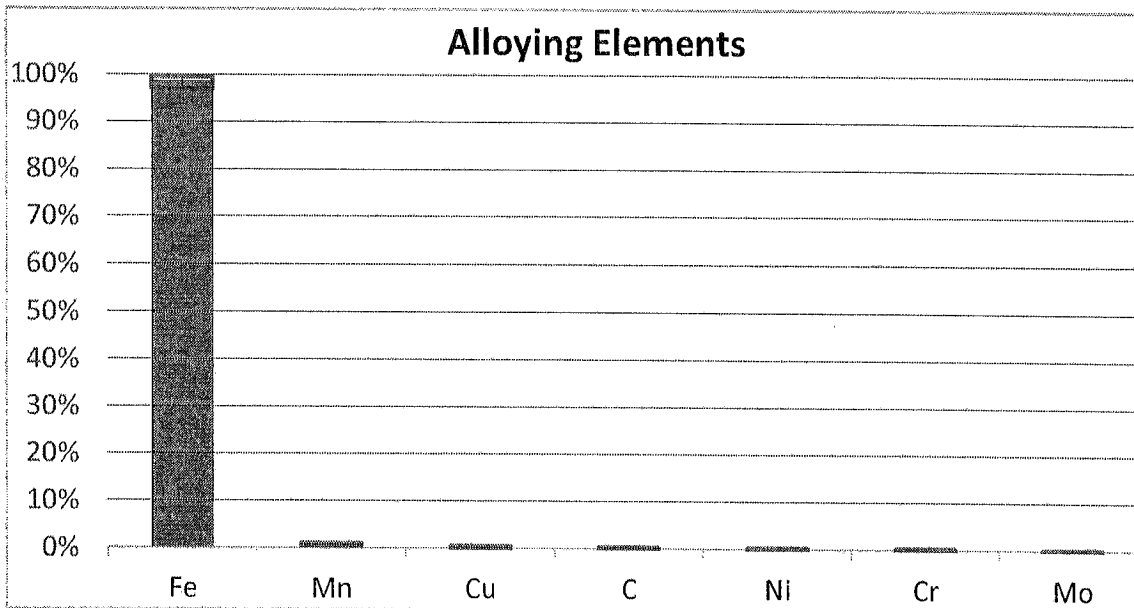
Test Date: 3/3/2016

Equipment: Olympus Delta Professional XRF Analyzer

Operator's Initials: JSB

Equipment Serial No: 540865

Element	Composition (%)	+/- Device Error	Min (%)	Max (%)
Fe	98.54	0.04	97.00	99.50
Mn	0.73	0.03	0.60	0.90
Cu	0.20	0.02	0.00	0.50
C	0.20	Nom	0.15	0.20
Ni	0.17	0.02	0.00	0.20
Cr	0.12	0.01	0.00	0.20
Mo	0.06	0.00	Tramp	0.06



Authorized Signature:

PHILIP R. HERMAN, QA MANAGER