

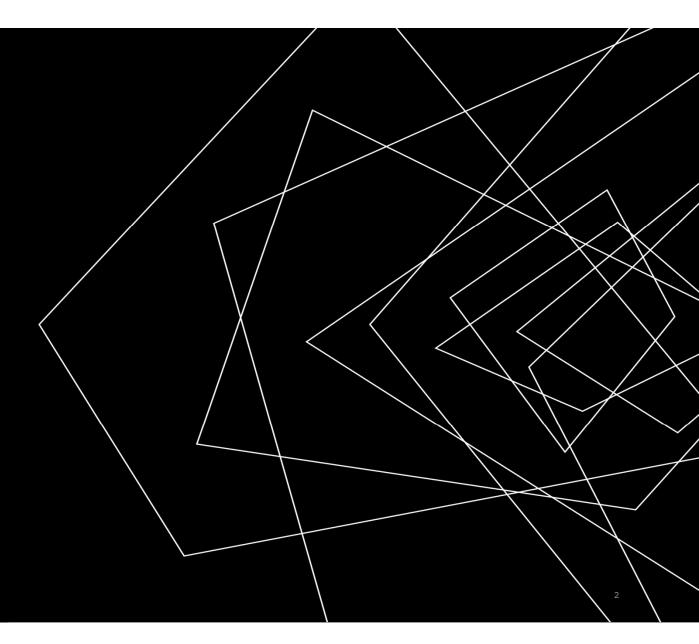
THURSDAY 03.07.24 RON STANEVICH, PE



WVDOH Information

Good Examples

Bad Examples



STANDARD SPECIFICATIONS

SECTION 106.1.4

106.1.4-Use of Domestic Construction Materials: Any construction materials, as defined in Section 106.1.1, shall be manufactured in the United States and compliant with the "Infrastructure Investment and Jobs Act," Section 70901-52, entitled the "Build America, Buy America Act." Section 70901-52, entitled the "Build America, Buy America Act" as implemented by the Office of Management and Budget (OMB) in the "Preliminary Guidance

for Construction Materials" in OMB Memorandum M-22-11. No construction material may be used unless the manufacturing process for the manufacture of the construction material occurs in the United States.

Buy America also applies to all projects within the scope of a finding, determination, or decision under the National Environmental Policy Act (NEPA), regardless of the funding source, if at least one contract within the scope of the NEPA decision is funded with Federal funding provided under Title 23.

Buy America only applies to construction materials that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, removed at or before completion of the project. Nor does Buy America apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished project, but are not an integral part of or permanently affixed to the structure.

When construction materials are used, the Contractor shall supply adequate documentation certifying compliance with Buy America requirements prior to the permanent incorporation of the materials into the project.

Any exceptions to Buy America requirements for domestic construction materials will be in accordance with MP 106.10.50 and shall be compliant with the Build America, Buy America Act.

MP 106.10.50

HTTPS://TRANSPORTATION.WV.GOV/ HIGHWAYS/MCST/MATERIAL%20PRO CEDURES/2023%20MPS/F-106.10.50-22.PDF MP 106.10.50 JANUARY 4, 2023 PAGE 1 OF 5

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

WVDOH BUY AMERICA ACCEPTANCE GUIDELINES

1,	PURPOSE
1.1	To set forth instructions for compliance with both State and Federal Buy America Requirements (henceforth referred to as "Buy America Requirements"), as listed in Sections 2.2, 2.3 and 2.4 of this document.
2.	REFERENCED DOCUMENTS
2.1	WVDOH Standard Specifications, Current Edition.
2.2	23 U.S.C. 313 and 23 CFR 635.410 "Buy America Requirements."
2.3	Chapter 5, Article 19 and Chapter 5A, Article 3, Section 56 of the West Virginia Code, entitled "West Virginia American Steel Act of 2001."
2.4	Build America, Buy America Act, Section 70914.
2.5	Office of Management and Budget (OMB) Memorandum M-22-11, dated April 18 2022.
3.	ACCEPTANCE OF MATERIALS
3.1	This procedure applies to the following:
	1. Steel and Iron

MP 106.10.50 NOVEMBER 15, 2023 ATTACHMENT 1 - PAGE 1 OF 1

Buy America Certification of Compliance

Acme Construction Company 123 Main Street Charleston, WV 25302

Ship Date: 10/31/2023

The below listed materials and products meets all the requirements of all Federal and State Laws for Buy America, including but not limited to: Chapter 5, Article 19 and Chapter 5A, Article 3 Section 56 of the West Virginia Code; 23 U.S.C. 313 Buy America, 23 CFR 635.410 Buy America Requirements, and Build America, Buy America Act, Section 70914.

This Certification of Compliance is for the material and project listed below:

CID: 22000005R1

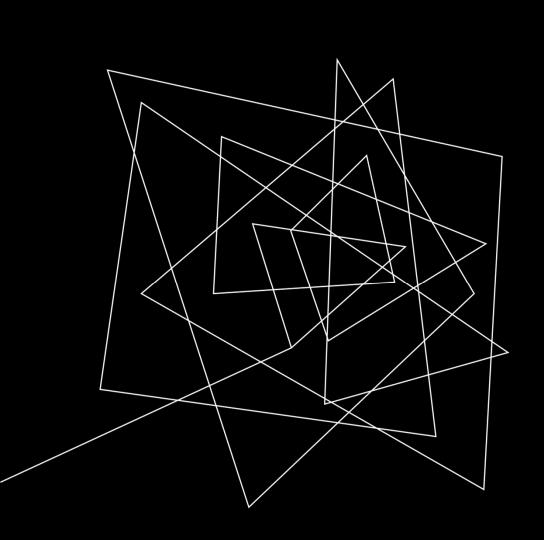
Federal Number: B-0010(000)X State Number: U002-00-1.00

Line: 0020 Widget, Part Qi 500 Cubits Line: 0025 Widget, Part Hr 300 Cubits

Non-Compliant Buy America Materials

Line: 0055 Widget, Part I² 300 Cubits

EXAMPLE WVDOT CERTIFICATE

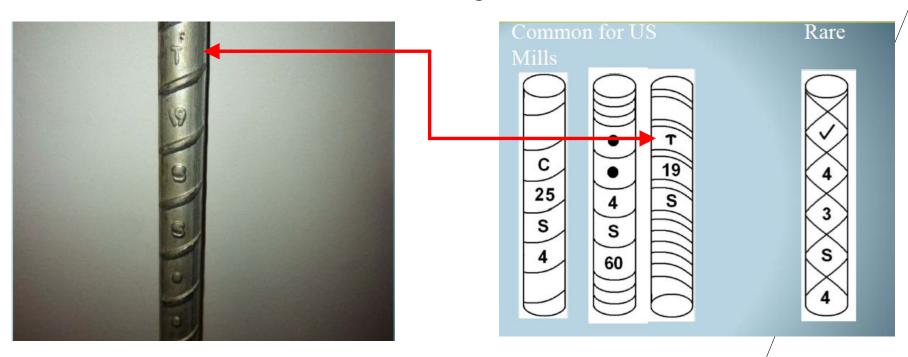




7 THINGS TO LOOK FOR

Watch Your Steel Markings

IM 451 APP. D or Manual Standard Practice from the Concrete Reinforcing Steel Institute



Review The Steel Tags when arriving on the Project



Melted and Manufactured in the United States

CONSTRUCTION MATERIALS INC 345 49TH AVE DR SW

Page: 1

CEDAR RAPIDS, IA 52404-4819

NUCOR NUCOR STEEL KANKAKEE, INC.

Ship from:

CONSTRUCTION MATERIALS 345 49TH AVE SW

CEDAR RAPIDS, IA 52404-4819

40' A615M GR420 (Gr60)

AASHTO M31-07

ASTM A615/A615M-14 GR 60[420]

Melted 07/09/10 Rolled 07/15/10

MTR #: 0000056177 Nucor Steel Kankakee, Inc. One Nucor Way

Bourbonnais, IL 60914

CERTIFIED MILL TEST REPORT

Date: 13-Feb-2015 B.L. Number: 411545

815-937-3131

Load Number: 202148

			PHY	SICAL TES	TS				CHEM	ICAL TESTS		
LOT# HEAT#	DESCRIPTION	YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	CNIN	in Cr	Mo	S V S	Cb C	Sn
PO# => KN1010332301 KN10103323	47774 Nucor Steel - Kankakee Inc 13/M4 Reber 40' A815M GR420 (Gr80) ASTM A615/A615M-14 GR 80(420] AASHTO M31-07	70,655 487MPa	105,853 730MPa	15.0%	ОК	-3.8% .030	.39 .22	.99 .14	.014 .070	.051 .011	.22 .002	.42
PO# => KN1010332501	Melted 07/09/10 Rolled 07/1: 47774 Nucor Steel - Kenkakee Inc	5/10 68,179 470MPa	the	a spe	cif	icati	y that	nd o	conde	Ebri	lige	ed a

herein has been manufactured in accordance with e and that it satisfies those requirements.

- Weld repair was not performed on this material.
- 2.) Melted and Manufactured in the United States.
- 3.) Mercury, Radium, or Alpha source materials in any form have not been used in the production of this material.

Mott Lynn

Matt Luymes





MATERIAL CERTIFICATION OF COMPLIANCE

Gallatin, TN

CRETEX CONCRETE PRODUCTS MIDWEST INC. 540 E COUNTRY CLUB RD IOWA FALLS IA 50126 Bill of Lading: 00160951

Order Number: 420562

Insteel Wire Products Company hereby certifies that the specimens taken from production lot(s) consisting of one or more of the following Lot/serial numbers were tested in accordance with and met the specification requirements of A 416 – 12a. The attached test report(s) represent the result of such test(s).

Conforms to Buy
America Requirements
of 23 CFR 635.410

.600 (15.2mm) 7W 270 LR ASTM A416

Test Report Number: 20050459

Lov/: 1201	The material	meets the	e "Buy	America"	requirements	of 23	CFR	635.410.
1201								

1201

1201

1201404108980

1201404108977

1201404108978

The products listed in this certification were manufactured and fabricated in the United States of America.

Insteel Wire Products Company hereby certifies that the prestressing strand described above meets or exceeds the minimum bonding requirements as currently accepted in the NASP (North American Strand Producers) pull—out test and the Moustaffa block pull—out test.

All Domestic Prestressing Strand in the United States at Insteel Wire Products Company plant in either 5. derson, FL; Houston, TX; Newnan, GA; or Gallati, TN. The material meets the "Buy America" requirements of 23 CFR 635.410.

The products listed in this certification were made to the U.S.A. from mineral was manufactured in the U.S.A.

Quality Assurance Manager: Frankli I. White ______ Date: 14-OCT-2014

10

ണ	GERI	DAU	CUSTOMER S SEMCOTE IN	ic	CUST	ED MATER! OMER BILL TO COTE INC		GRAI 60 (42		SH. Rob	Page !	
JS-ML-ST PAU 678 RED ROO	л		1645 RED RO SAINT PAUL USA			RED ROCK RI T PAUL,MN 5		LENG 60'00'			WEIGHT 2,966 LB	HEAT / BATCH 62132065/02
AINT PAUL, I SA			SALES ORD 435713/0600		c	USTOMER MA	TERIAL Nº		IFICATION / DA M A615/A615M-09		SION	
CUSTOMER PU 1564	TRCHASE ORDE	R NUMBER		BILL OF L/ 1332-00000		DATE 08/06/						
CHEMICAL COM	POSITION Ma % 1.02	P % 0.017	§ 9, 9,025	\$i % 0.23	Cu % 0.32	Ni % 0.11	Cr % 0.19	Me % 0.028	Sn % 0.016	V % 0.003	01001 20 505	
MECHANICAL P Y: F5 690	S II	à	YS MPa 476		UTS PSI 08500	t 8	ITS 4Pa, 148	GA Iso			G/L um 203.2	
AECHANICAL P. Elor 9 10	e.	800	ndYest OK									
GEOMETRIC CH. SEight -1.75	ARACTERISTICS Def Hgs leeh 0.033	Def Gup lech 0.122	DefSpace Inch 0.335									
d hot rosses,	ed and rolled in the	Paul M	III, 1678 Red Rock	Rd., St. Paul, Mirr	nesota, USA. All pro	dants produced for	om strand					
rovided by Gordan sport shall not be a	rependures during pri - St. Paul Mill with reproduced except in a resbility of this mater	oceasing or while ux the expressed full, without the	e in Gordau St. Paul written consent of expressed written o	MEII's possession. Gentru St. Paul Mi	il regates the validity	this certification y of this test report	as L. This					

Melted and Rolled in the US

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. CMTR complets with EN 10204 3.1.

Markay

BHASKAR YALAMANCHELI

— QUALITY DIRECTOR

ALEA BRANDENBURG

Material 100% melted and rolled in the USA.

Made in the USA

NUMBER 2



ST PAUL STEEL MILL 1678 RED ROCK ROAD ST PAUL MN 55119 USA



SHAPE + SIZE X13MM REBAR (#4)	9.4	420 (6)			AR/AR		A615/A	615M-	09 GR 8	0/420						Super W				 Ι.,			_
HEAT LD.	c.	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	N	Sn	Al	Ti	Ca	Zn	Co				-	
676898	44	1.02	.022	.027	20	.59	1.14	.18	.024	.004	.000	.0150	.020	.001	.0010	0,0009	0.00400	800.		1	-		

Customer Regulationents SUURGE, CA-STP CASTING: STRAND CAST

Comment: melted and MFG in the USA

melt shop heat M122896 mol. dtd 8/30/2012, roll lot M676898 roll dtd 9/19/2012

Melted and MFG in the USA

Repeated

This Material including billets was melted and manufactured in the United States of America

This material, including the billets, was metod and manufactured in the United Stones of America

Bhaskar Yalamench

Quality Director

Gerdau

THE ABOVE FIGURES ARE CERTIFIED CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

Metallurgical Services Manager ST PAUL STEEL MILL

Solier merronia that all misterial furnished shall comply with specifications subject to standard published manufacturing variations, NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY THE SELLER, AND SPECIFICALLY EXCLUDED ARE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In no event that seller be libered for indirect, consequential or punitive demages arising out of or related to the materials furnished by soller,



This is to certify the Morden, Manitoba, (are) chemically the TCHKOTE 41

Lot Number

2J10C155

This is to certify that the lot(s) of Scotchkote 413 Fusion Bonded Epoxy Coating manufactured by 3M at Morden, Manitoba, Canada, identified below complies (comply) with the following test requirements and is (are) chemically the same material that was tested and certified by independent test laboratories. SCOTCHKOTE 413 meets ASTM A 775/A 775M-07b, ASTM D 3963, ASTM A 884/A884M-06, ASSHTO M 284-03 and AASHTO M254-77(2000).

Trouble? Not necessarily

This coating, when applied to steel or iron in the U.S., meets the Buy America provision as set forth in FHWA 23 CFR 635,410 Section 1041(a) of the ISTEA.

3M Canada Compa

Sig

D

Shipped Fro

This coating, when

Where was it coated?

THE NOT SO GOOD

COMPLIES WITH RORS DIRECTIVE 2002/95/EC OF THE COATING THICKNESS VALUES PROVIDED BY COATING S

MANUFACTURED IN : CAMADI

The steel was melted and rolled in North America and is mercury and asbestos-free. Fasteners were tested in the bore metal condition.

MEASOD

A division of lifestgroups LP A Hales Company

700 Guellelle, Mariavillo (Guaros) Jam 1Pé Fax1 (460) 460-5484 Total (450) 668-0761

PO-019-2 Rev. 07

ISO 14001 12004



FASTENER TEST REPORT

(THIS DOCUMENT MAY ONLY BE REPRODUCED IN ITS ENTIRETY, WITH PRIOR WRITTEN APPROVAL BY THE IMPASSO LABORATORY)

DATE 2011-10-01

HEX BD CAP SCREW J429-5 FNA UNC N ZCL ROLLOW TRIANGLE & 3 RADIAL LINES 22,000 1036M 1/2-13 X 5

HEAT CHEMICAL ANALYSIS (provided by steel supplier)

	н	EAI CHEMI	CHE MINTE	Die (branne		 	
HEAT NO.	6%	Mn %	P%	6%	5174	 	
					-		
A06200	0.35	0.97	0,010	0.014	0.21		

	ASTIN POOR	ASTM FROM		ASTRA ESS	ASTM PGOS		ARTM 5370
METHOD SAMPLES SELECTED	PRODF LOAD	VEDGE TRISILE STRENOTH	HEDNERTE AASH	CHRACE HARDNESS (HR 10H)	INDOKWELL)	MICRO HARDNESS	(0,001 in
EPEC MINL	(Ds1) 85,000	120,000		54.0	BRC 25.0		0.20
PROC. MAXI P NO.2 M NO.3 M NO.4 P NO.5 L NO.6 NO.7 NO.8 NO.10 NO.10 NO.11 NO.13 NO.13 NO.15	94,000 84,000 84,000 86,000	140,000 185,000 130,000 142,000		59.7 54.0 52.9 53.3 53.7 53.4 90.7 52.8	HRC 31.1 31.2 32.2 30.9 31.0 31.7 31.2 31.1		0.42 0.42 0.47 0.40 0.43 0.46 0.46 0.46 0.47 0.49

THE ARC I TRATED SAMPLES HAVE EBEN INSPECTED FOR VISUAL DISCONTINUITIES AND FOUND ACCEPTABLE.
THEY COLLY IN ALL RESPECTS WITH THE LATRET RELITION OF THE FOLLOWING SPECIFIED.
CAR J-42 ASNE 818.2.1, THREADS PER ASNE DI. 1 CLASS 24 URLESS OTHERWISE SPECIFIED.

COMPLIES WITH ROSS DIRECTIVE 2002/98/EC OF THE EUROPEAN UNION CONTING THICKNESS VALUES PROVIDED BY CONTING SUPPLIER.

MANUFACTURED IN : CAMADA

The etect was melted and rolled

in North America and is mercury and asbestos-free

Fastanors were tested in the bare metal condition.

PO-319-2 Hav. 07

Total (450) 668-0701 Fext (460) 460-549 A Melee Contract

THE NOT SO GOOD

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	Secretary and Control of the Control		METAL PART 1050 S LAKE	NERS REBAR LLC	cus ME	TOMER BELL	TO ERS REBAR LLC	GRA1 60 (42	DE 15) TMX		APE/SIZE or /45 (16MM)	1 1420 17 1
NOT SO			AURORA,IL 6 USA	0506-5955			. 60540-8500	LENC 30'00'		0 PM	WEIGHT 22,530 LB	HEAT / BATCH 57131575403
_			374662/00001			- Inc	TE-		M AGIS/AGISHAG9	TEGT NEVE	SION	
)D	CUSTOMER PURCHASE ORDE	R NUMBER		4751-0000000784			26/2013					
	GHENICAL COMPOSITION S Mp 939 0.69	£ 0.007	5.009 5.009	215 S	Çe 0,30	81 6 0.11	Ç10	Mo 50.022	Sn G 0.003	0,004	ClipyA766 98 6.63	
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The above figures are certified chemical and physical tes specified requirements. This material, including the bille	is, was malted USA Exten	nal. CMTR	complies w	ith EN 10204	3.1.							
Mackey BHASKAR YALAMAN QUALITY DIRECTOR	ACHILI			.•	Acc	de for E	kanalsta.	QUALITY A	NETSKI SSURANCE MO	JIL.		
Was a	nelted	U	SA	Ex	l C	T) i	1.					

The above figures are certified chemical and physical sea records as contained in the permanent records of Company. We certify that these data are correct and in compliance with specified requirements. This material, including the bibets, was nelted USA External, CMTR complies with EN 10204 3.1.

Aug & Checaralila CHALTY ASSURANCE MOR

THE NOT SO GOOD

OLD CONSTRUCTION MATERIALS INC 345 49TH AVE DR SW

CEDAR RAPIDS, IA 52404-4819

CONSTRUCTION MATERIALS
345 49TH AVE SW

CEDAR RAPIDS, IA 52404-4819

Melted 07/09/10 Rolled 07/15/10

CERTIFIED MILL TEST REPORT

Page: 1

Ship from:

MTR #: 0000056177 Nucor Steel Kankakee, Inc.

One Nucor Way Bourbonnais, IL 60914

815-937-3131

B.L. Number: 411545 Load Number: 202148

Date: 13-Feb-2015

NBMG-08 January 1, 2012

	a Sheets are available at www.nucorbar.com or	T .		SICAL TES					CHEM	ICAL TESTS			
LOT# HEAT#	DESCRIPTION	YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	CNi	Mn Cr	P Mo	S V S	Cb	Sn	C.E
PO# ⇒ KN1010332301 KN10103323	47774 Nucor Steel - Kankakee Inc 13/#4 Rebar 40' A615M GR420 (Gr60) ASTM A615/A615M-14 GR 60[420] AASHTO M31-07	70,655 487MPa	105,853 730MPa	15.0%	ОК	-3.8% .030	.39 .22	.99 .14	.014 .070	.051 .011	.22 .002	.42	
PO# ⇒ KN1010332501 KN10103325	Melted 07/09/10 Rolled 07/1 47774 Nucor Steel - Kankakee Inc 13/#4 Rebar 40' A615M GR420 (Gr60) ASTM A615/A615M-14 GR 60[420] AASHTO M31-07	68,179	103,840 716MPa	15.0%	ОК	-3.4% .030	.40 .23	.95 .12	.020 .073	.052 .011	.19 .002	.42	

INFO LEFT OFF OR INVOICE CUTOFF

THE NOT SO GOOD



NO. 46 Shin Ming Road, KAOHSIUNG TAIWAN, R.O.C. TEL: 866-7-6964211 FAX: 866-7-6964210

CERTIFICATE OF INSPECTION

**************************************	CERT NO.	: 2133 11521
PURCHASER: STAR STAINLESS SCREW CO	LOT NO.	: 13AN222
ADDRESS : 1001 Penner Crest	INV. NO.	: 2133115
Houston, TX 77055	PO# NO.	: HOU 122274
United States	ITEM NO.	: 1-J-75C
COMMODITY: HEX JAM NUTS	HEAT NO.	: S11186
SIZE : 3/4-10NC*1-1/8*27/64	STAMP	: +++
MFR. DATE : 11/15/2013	LOT QTY	: 40,000PCS
SAMPLE PLAN SPEC.:ANSI/ASMEB18.18.1-2007	MATERIALTY	PE: SUS 304M4

DIMESIONAL INSPECTIONS	(MEASUREMENT BY	INCH) SPECIFIC	CATION: ANSI	B 18.2.2-198	17
Characteristics	Specification	Actual result	Smpling	Passed	Rej.
				***********	*****
Width across flats	1.125/1.088	1,120/1,094	14	14	0
Width across corners	1.299/1.240	1.285/1.270	8	8	0
Nut thickness	0.446/0.398	0.442/0.415	8	8	0
Minor Diameter	28	PASS	14	14	0
Thread	28	PASS	14	14	0
Visual Appearance	ASTM F812/812M-07	PASS	46	46	0

MECHANICAL PR	OPERTIES		SPECIFICATION: ASTM F594-09								
Characteristics	Test Method	Specified	Scale	Result	Sampling	Passed	Rej				
			*********			*********					
Hardness	ASTM F606-09	B80 / C35	HRC	31/26	8	8	0				

HEAT	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
NUMBER	X100	X100	X100	X1000	X1000	X100	X100	X100	X100	X 100
S11186	2.4	39.2	166	32	6.1	802.7	1826.3	20.2	50.9	252

REMARK:

Name (QA Engineer) SAMPLER DATE PAGE

THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL AND TO THE ITEM TESTED ONLY. WHENEVER TESTING DISCREPANCIES ARE DETECTED OR DEPARTURE FROM DOCUMENTED POLICIES AND PROCEDURE OCCUR, THEY WILL BE SHOWN IN REMARKS.

WE HEREBY CONFIRM THAT THIS ITEM HAS BEEN PASSED.

THIS INSPECTION CERTIFICATE IS ISSUED ACCORDING TO EN 10204 3,1/DIN 50049 3,1.

1134310

淡在影明本象所特点品,均宏材料规格製造及运输业等合规格之类系
TOO MEDICAL PROPERTY THE MATERIAL MENUTINES AND TESTED WITH

意思函数成份有限公司 SENG HSIN IRON & STEEL CO., LTD. 品質證明書

05%[02: 五中县忘里即节后均702位

702, CHEARDE BOAD, HOW LE SHINEG, CARCIUMG ESTEN, TAINAR, BOC

堂 生 海

TEL : (01)25585101

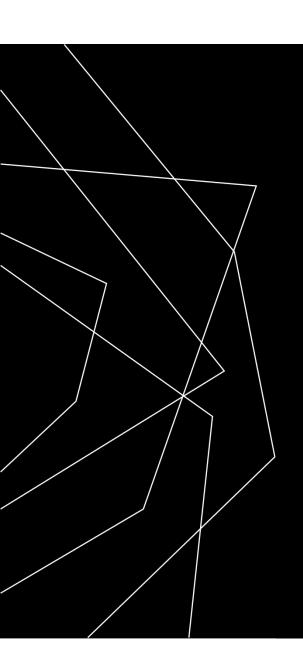
THE NOT SO GOOD

MY FAVE

客戶名稱	世略工廠產業股份有限公司		88700083	在明字為是 COMUTICATE MA	3A3B0471-001		
CUSTOMER MANS				支速日期 SHEPPIGE DATE	2011/03/18 - 2011/03/18		
规路名等 SPIC.	JIS G3507 SWRCHIOA CN			理机多列印目和 CENTIFICATE MET			
	TOTOTT LA A SPEA PURCT	0	A S & A O S YEAR !!	AL ARALYSIS	s + 5.		

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						,											The state of the s					
*										r												
TOTAL:		14	BBROUES	3 2	7, 284 kg	rs,																

始会现任或支表 WANACRE



THANK YOU

Ron Stanevich, PE

Director MCS&T Division

304.414.6659

Ron.l.Stanevich@wv.gov