McMASTER-CARR®

Certificate

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Purchase Order	Order Date	Placed By	McMaster-Carr Number	Number of Certificates
P1462341	9/22/2022	Jane Beattey	7432121-01	1

Line		Product	Ordered	Status	Certificate
2	8910K93	Low-Carbon Steel Bar, 1-1/2" Thick, 5-1/2" Wide, 2 Feet Long	1 each	1 each delivers September 26	192–2014

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

NUCOR®
BRIGHT BAR ORRVILLE

MILL CERTIFICATION

Page 1 of 2
MTR No: OH-MTR-008817
MTR Date: 4/6/2022

Nucor Bright Bar Orrville, LLC
555 Collins Blvd
Orrville, OH 44667
USA

Sold To: C00161
CASTLE METALS
1420 KENSINGTON RD
STE 220
OAK BROOK, IL 60523
USA

Ship To: C00387
A M CASTLE & CO-JANESVILLE
3800 ENTERPRISE DR
JANESVILLE, WI 53546
USA

Nucor Item No:	101082
Description:	R FL 1.5"X5.5" 1018 12' -CD
Customer PO No/ Line No:	S92252/1
Customer Part No:	1832
Third party PO number:	
Nucor SO No/ Line No:	OH-SO-007182/1
BOL No:	OH-BOL-001969
Nucor Load No:	3500001847
Heat No:	C191557
Quantity Shipped:	2,061 LB
Bundles:	1
Furnace Batch No:	

Product Description
R FL 1.5"X5.5" 1018 12' -CD

MTR Notes:

ASTM A108-18

Chemical:

C (%) = 0.18	Mn (%) = 0.85	P (%) = 0.010
S (%) = 0.014	Si (%) = 0.26	Cu (%) = 0.24
Ni (%) = 0.11	Cr (%) = 0.14	Mo (%) = 0.03

Melt Mill Source = SDI-PITT/CC Country of Rolling = USA Roll Mill Source = GAUTIER
Country of Origin = USA

Cleanliness:

No weld repair was performed on this product at the location indicated on this certification
Mercury in any form has not been used in the production or testing of this material
This document is in compliance with EN 10204 "type 3.1"
NDT equipment calibrated by OEM

Chris Kelly

CHRIS KELLY
DIVISION METALLURGIST

I certify that the above figures are a true and correct copy of those contained in the records of this company.

CASTLE METALS
JVL - 002

NUCOR®
BRIGHT BAR ORRVILLE

MILL CERTIFICATION

Page 2 of 2
MTR No: OH-MTR-008817
MTR Date: 4/6/2022

Nucor Bright Bar Orrville, LLC
555 Collins Blvd
Orrville, OH 44667
USA

Sold To: C00161
CASTLE METALS
1420 KENSINGTON RD
STE 220
OAK BROOK, IL 60523
USA

Ship To: C00387
A M CASTLE & CO-JANESVILLE
3800 ENTERPRISE DR
JANESVILLE, WI 53546
USA

Nucor Item No:	101082
Description:	R FL 1.5"X5.5" 1018 12' -CD
Customer PO No/ Line No:	592252/1
Customer Part No:	1832
Third party PO number:	
Nucor SO No/ Line No:	OH-SO-007182/1
BOL No:	OH-BOL-001969
Nucor Load No:	3500001847
Heat No:	C191557
Quantity Shipped:	2,061 LB
Bundles:	1
Furnace Batch No:	

Product Description
R FL 1.5"X5.5" 1018 12' -CD

Hardenability:

Mechanical:

Other Tests and Remarks:

Grain Practice = FINE Reduction Ratio = 17.0

No weld repair was performed on this product at the location indicated on this certification
Mercury in any form has not been used in the production or testing of this material
This document is in compliance with EN 10204 "type 3.1"
NDT equipment calibrated by OEM

Chris Kelly

CHRIS KELLY
DIVISION METALLURGIST

I certify that the above figures are a true and correct copy of those contained in the records of this company.