Lincoln Electric Co. Inc.
22801 St. Clair Avenue
Cleveland, Ohio 44117-1199

CERTIFIED MATERIAL TEST REPORT

Date : 05-29-2021

Material: ED035151
Description: .045 BLUE MAX MIG 630 33SSP
Heat: 72310
Q2 LOT: 17278294
Specifications/Spec Class: AWS A5.9, ASME SFA-5.9 ER630 Certified by CWB to CSA W48 ER630
Class S3 per AWS A5.01. Tested per Schedule H, I, AND J
Country of Origin: Italy(IT)
This test report is in accordance with 3.1 per EN 10204 for wire chemical composition.

Characteristic	Unit	Value	Characteristic	Unit	Value
Actual Results per EN10204	**3.1**		**Typical Results per**	**EN10204**	**2.2**
Carbon (C)	%	0.02	Tensile Strength	KSI	143
Manganese (Mn)	%	0.63	Yield Strength at 2%	KSI	108
Phosphorus (P)	%	0.02	Elongation	%	21
Sulfur (S)	%	< 0.01			
Silicon (Si)	%	0.46			
Chromium (Cr)	%	16.42			
Nickel (Ni)	%	4.8			
Molybdenum (Mo)	%	0.02			
Copper (Cu)	%	3.58			
Niobium (Nb)	%	0.22			

The product stated herein was manufactured in the U.S.A. and supplied in accordance with the Quality Systems Program of the Lincoln Electric Company, Cleveland, Ohio, U.S.A., as outlined in our Quality Assurance Manual which meets the requirement of ISO 9001, NCA 3800, AWS A5.01, and other specifications, as appropriate. The Quality System Program has been approved by ASME, ABS and VdTUV and is certified to ISO 9001.

We do not use mercury in the design and formulation of our consumable products. In the manufacture and testing of our products, our equipment meets mercury exclusion requirements.

ED LINSKY
QUALITY ASSURANCE

Note: The recording of false, fictitious or fraudulent statements or entries on this document maybe punished as felony under Federal Statutes including Federal Law, Title 18, Chapter 47.