



CMC STEEL TEXAS
 1 STEEL MILL DRIVE
 SEGUIN TX 78155-7510

CERTIFIED MILL TEST REPORT
 For additional copies call
 800-227-6489

We hereby certify that the test results presented here
 are accurate and conform to the reported grade specification

Rolando A. Davila

Quality Assurance Manager

HEAT NO.: 3122056 SECTION: REBAR 16MM (#5) 20'0" 420/60 GRADE: ASTM A615-22 Gr 420/60 ROLL DATE: 04/24/2023 MELT DATE: 04/21/2023 Cert. No.: 85407403 / 122056A371		3376258509	Delivery#: 85407403 BOL#: 75338335 CUST PO#: P0241313-01 CUST P/N: DLVRY LBS / HEAT: 2003,000 LB DLVRY PCS / HEAT: 96 EA																																																																																
<table border="1"> <thead> <tr> <th>Characteristic</th> <th>Value</th> <th>Characteristic</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>0.42%</td> <td>Bend Test Diameter</td> <td>2.188IN</td> </tr> <tr> <td>Mn</td> <td>0.86%</td> <td></td> <td></td> </tr> <tr> <td>P</td> <td>0.009%</td> <td></td> <td></td> </tr> <tr> <td>S</td> <td>0.042%</td> <td></td> <td></td> </tr> <tr> <td>Si</td> <td>0.14%</td> <td></td> <td></td> </tr> <tr> <td>Cu</td> <td>0.37%</td> <td></td> <td></td> </tr> <tr> <td>Cr</td> <td>0.10%</td> <td></td> <td></td> </tr> <tr> <td>Ni</td> <td>0.24%</td> <td></td> <td></td> </tr> <tr> <td>Mo</td> <td>0.076%</td> <td></td> <td></td> </tr> <tr> <td>V</td> <td>0.000%</td> <td></td> <td></td> </tr> <tr> <td>Cb</td> <td>0.001%</td> <td></td> <td></td> </tr> <tr> <td>Sn</td> <td>0.012%</td> <td></td> <td></td> </tr> <tr> <td>Al</td> <td>0.001%</td> <td></td> <td></td> </tr> <tr> <td>Yield Strength test 1</td> <td>68.4ksi</td> <td></td> <td></td> </tr> <tr> <td>Tensile Strength test 1</td> <td>107.3ksi</td> <td></td> <td></td> </tr> <tr> <td>Elongation test 1</td> <td>16%</td> <td></td> <td></td> </tr> <tr> <td>Elongation Gage Lgth test 1</td> <td>8IN</td> <td></td> <td></td> </tr> <tr> <td>Tensile to Yield ratio test1</td> <td>1.57</td> <td></td> <td></td> </tr> <tr> <td>Bend Test 1</td> <td>Passed</td> <td></td> <td></td> </tr> </tbody> </table>				Characteristic	Value	Characteristic	Value	C	0.42%	Bend Test Diameter	2.188IN	Mn	0.86%			P	0.009%			S	0.042%			Si	0.14%			Cu	0.37%			Cr	0.10%			Ni	0.24%			Mo	0.076%			V	0.000%			Cb	0.001%			Sn	0.012%			Al	0.001%			Yield Strength test 1	68.4ksi			Tensile Strength test 1	107.3ksi			Elongation test 1	16%			Elongation Gage Lgth test 1	8IN			Tensile to Yield ratio test1	1.57			Bend Test 1	Passed		
Characteristic	Value	Characteristic	Value																																																																																
C	0.42%	Bend Test Diameter	2.188IN																																																																																
Mn	0.86%																																																																																		
P	0.009%																																																																																		
S	0.042%																																																																																		
Si	0.14%																																																																																		
Cu	0.37%																																																																																		
Cr	0.10%																																																																																		
Ni	0.24%																																																																																		
Mo	0.076%																																																																																		
V	0.000%																																																																																		
Cb	0.001%																																																																																		
Sn	0.012%																																																																																		
Al	0.001%																																																																																		
Yield Strength test 1	68.4ksi																																																																																		
Tensile Strength test 1	107.3ksi																																																																																		
Elongation test 1	16%																																																																																		
Elongation Gage Lgth test 1	8IN																																																																																		
Tensile to Yield ratio test1	1.57																																																																																		
Bend Test 1	Passed																																																																																		
<p>The Following is true of the material represented by this MTR: *Material is fully killed and is Hot Rolled Steel *100% melted, rolled, and manufactured in the USA *EN10204:2004 3.1 compliant *Contains no weld repair *Contains no Mercury contamination *Manufactured in accordance with the latest version of the plant quality manual *Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661 *Warning: This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov</p>																																																																																			

REMARKS :