

# 검사증명서

## MILL TEST CERTIFICATE



당진개원소 : 충남 당진시 송악읍 북부산업로 1480  
1480 Bukbusanup-Ro, Songak-Eup, Dengjin-Si, Chungnam, Korea



주문번호 : E240800058  
Order No.

품명 : Hot Rolled Coil  
Commodity

제품규격 : ASTM A36  
Specification

고객사 : SAMSUNG C&T AMERICA  
Customer  
주문자 : SAMSUNG C&T AMERICA  
Contractor

증명서 번호 : 20240903-HS-0007-007  
Certificate No.

발행일자 : 2024-09-03  
Date of Issue

| 제품치수<br>Dimension<br>(inch) | 수량<br>Quantity | 중량<br>Weight<br>(Kg) | 제강번호<br>Heat No. | 제품번호<br>Product No. | Position | 인장시험<br>Tensile Test |             |     |       |     |     |    | 화학성분<br>Chemical Composition(%) |       |    |     |     |    |    |    |   |    |    |    |    | 단위 Unit<br>2 : x100 3 : x1,000<br>4 : x10,000 5 : x100,000 |       |  |
|-----------------------------|----------------|----------------------|------------------|---------------------|----------|----------------------|-------------|-----|-------|-----|-----|----|---------------------------------|-------|----|-----|-----|----|----|----|---|----|----|----|----|--|-------|--|
|                             |                |                      |                  |                     |          | YP                   | TS          | EL  | YP-EL | RA  | YR  | YP | Division                        | C     | Si | Mn  | P   | S  | Cr | Ni | B | Cu | Mo | Nb | Ti | V  | DR    |  |
|                             |                |                      |                  |                     |          | (KSI)<br>( )         | (%)         | (%) | (%)   | (%) | Mtd | 4  |                                 | 3     | 3  | 4   | 4   | 2  | 2  | 4  | 3 | 2  | 3  | 3  | 3  | 3  |       |  |
| 0.494" NOM x 48" x C        | 1              | 20,640               | V17455           | CVA36300            | B        | 46.0                 | 67.0        | 35  |       |     |     | 2  | L                               | 1,859 | 8  | 750 | 152 | 59 | 4  | 2  | 2 | 19 | 0  | 1  | 1  | 1  | 1,865 |  |
| 0.494" NOM x 48" x C        | 1              | 20,820               | V17455           | CVA36330            | B        | 46.5                 | 68.8        | 35  |       |     |     | 2  | L                               | 1,859 | 8  | 750 | 152 | 59 | 4  | 2  | 2 | 19 | 0  | 1  | 1  | 1  | 1,865 |  |
| 0.494" NOM x 48" x C        | 1              | 20,810               | V17455           | CVA36350            | B        | 46.5                 | 68.8        | 35  |       |     |     | 2  | L                               | 1,859 | 8  | 750 | 152 | 59 | 4  | 2  | 2 | 19 | 0  | 1  | 1  | 1  | 1,865 |  |
| 0.494" NOM x 48" x C        | 1              | 20,750               | V17462           | CVA38350            | B        | 45.0                 | 66.5        | 28  |       |     |     | 2  | L                               | 1,956 | 10 | 794 | 191 | 65 | 4  | 2  | 3 | 26 | 0  | 4  | 1  | 3  | 1,968 |  |
| 0.494" NOM x 48" x C        | 1              | 20,740               | V17462           | CVA38360            | B        | 45.0                 | 66.5        | 28  |       |     |     | 2  | L                               | 1,956 | 10 | 794 | 191 | 65 | 4  | 2  | 3 | 26 | 0  | 4  | 1  | 3  | 1,968 |  |
| 0.494" NOM x 48" x C        | 1              | 20,750               | V17462           | CVA38370            | B        | 45.0                 | 66.5        | 28  |       |     |     | 2  | L                               | 1,956 | 10 | 794 | 191 | 65 | 4  | 2  | 3 | 26 | 0  | 4  | 1  | 3  | 1,968 |  |
| *** Sub Total(007) ***      |                |                      |                  |                     |          | 6                    | 124,510(Kg) |     |       |     |     |    |                                 |       |    |     |     |    |    |    |   |    |    |    |    |  |       |  |

**NOTE**

- \* Position - T:Top, M:Middle, B:Bottom
- \* Tensile test - Direction:Transverse, Gauge length:50mm (Rectangular), YP Mtd : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point)
- \* Division - P:Product analysis, L:Ladle analysis

\* 1. MELTED AND POURED IN REPUBLIC OF KOREA 2. EQUIVALENT TO ASME SA36

상기의 제품은 검사의 결과 지정된 규격에 합격한 것을 증명합니다.  
WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS

Signature  
*Y.S. Jang*  
Chief Of Hot Rolled Quality Team

P.O.# P0254024-08  
1/2" 48x96  
HEAT # U17455

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You are able to check an original electronic document at hyundai-steel's customer portal.( http://sm.hyundai-steel.com/cs/cm/login.jsp) \* QRcode scanner App : 'QReal'  
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\* [Caution for Use] Damage on products and safety problems may arise if used other than to the spec stated in this Mill Test Certification.