

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 중남 단진시 송익동 북부산업로 14E0
143C Eukb.sanusa-ro Songsk-Eup Danjin-si Chungnam, Korea



주문번호 : E190200151
Order No.

품명 : HOT ROLLED STEEL PLATE
Commodity

제품규격 : ASTM A36
Specification

고객사 : DUFERCO
Customer

주문자 : DUFERCO S.A.
Contractor

증명서 번호 : 20190323-PS-004-014
Certificate No.

발행일자 : 2019-03-23
Date of Issue

| 제품치수 Dimension | 수량 Quantity | 중량 Weight (Kg) | 제강번호 Heat No. | 제품번호 Product No. | Position | 인장시험 Tensile Test | | | | | | 화학성분 Chemical Composition(%) | | | | | | | | | | | | | 단위 Unit | | |
|--------------------|----------------|----------------------|------------------|---------------------|----------|----------------------|-------|-----|-------|-----|-----|---------------------------------|----------|-------|-----|-----|-----|----|----|----|----|----|----|----|---------|--------|-------|
| | | | | | | YP | TS | EL | YP-EL | RA | YR | YP | Division | C | Si | Mn | P | S | Cr | Ni | Cu | Mo | Nb | Ti | V | Sol-Al | DR |
| | | | | | | (N/mm ²) | (%) | (%) | (%) | (%) | (%) | Mtd | 4 | 3 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295906 | T | 328.4 | 477.6 | 29 | | | | U | L | 1,493 | 185 | 863 | 132 | 34 | 2 | 1 | 27 | 0 | 1 | 2 | 0 | 26 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295907 | T | 328.4 | 477.6 | 29 | | | | U | P | 1,617 | 203 | 774 | 134 | 43 | 2 | 1 | 27 | 0 | 1 | 2 | 1 | 30 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295908 | T | 328.4 | 477.6 | 29 | | | | U | L | 1,493 | 185 | 863 | 132 | 34 | 2 | 1 | 27 | 0 | 1 | 2 | 0 | 26 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295909 | T | 328.4 | 477.6 | 29 | | | | U | P | 1,617 | 203 | 774 | 134 | 43 | 2 | 1 | 27 | 0 | 1 | 2 | 1 | 30 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295910 | T | 328.4 | 477.6 | 29 | | | | U | L | 1,493 | 185 | 863 | 132 | 34 | 2 | 1 | 27 | 0 | 1 | 2 | 0 | 26 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295911 | T | 328.4 | 477.6 | 29 | | | | U | P | 1,617 | 203 | 774 | 134 | 43 | 2 | 1 | 27 | 0 | 1 | 2 | 1 | 30 | 1,759 |
| 9.53 x 1829 x 6096 | 1 | 834 | R04313 | FC06295912 | T | 328.4 | 477.6 | 29 | | | | U | L | 1,493 | 185 | 863 | 132 | 34 | 2 | 1 | 27 | 0 | 1 | 2 | 0 | 26 | 1,759 |

*** Sub Total(003) *** 39 32,526(Kg)

*** Condition of supply: As-Rolled ***

NOTE

- * Position - T:Top, M:Middle, B:Bottom
- * Tensile test - Direction:Transverse, Gauge length:200mm (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

* The plate is fully killed and fine grained steel. Basic oxygen process and Vacuum degassing process were applied.* This Mill Test Certificate is issued in accordance with EN 10204 Type 3.1

상기의 제품은검사의 결과지정된 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

S. B. Park

Chief Of Quality Assurance Team

- * 본 검사증명서는 원본의 전자문서(전자서명 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 현대제철 고객포털에서 확인하실 수 있습니다.(<http://sm.hyundai-steel.com/cs/cm/login.jsp>)
- * This Mill Test Certificate is a copy that has been printed from original electronic document(with digital signing).
- * 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.