

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480  
1480 Bukbusanup-ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F200100191  
 고객사 : PLESA STEEL  
 주문자 : HYUNDAI CORPORATION  
 제품명 : HOT ROLLED STEEL PLATE  
 제품규격 : ASTM A36  
 Specification :  
 증명서 번호 : 20200402-PS-023-012  
 발행일자 : 2020-04-02  
 Date of Issue

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	재간번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)															
					YP (N/mm <sup>2</sup> )	TS	EL (%)	YP-EL (%)	FA (%)	YR (%)	YP Mid	Divison		C	S	Mn	P	S	Cr	N	CU	MO	Nb	Ti	V	S <sub>2</sub> - AI	DR			
19.05 x 2438 x 6096	1	2,222	FA3298	FC19161001	T	312.9	483.8	32					U	L	1,412	216	906	142	27	4	2	2	1	21	0	1	2	0	37	1,759
19.05 x 2438 x 6096	1	2,222	FA3298	FC19161002	T	312.9	483.8	32					U	L	1,412	216	906	142	27	4	4	4	1	21	0	1	2	0	37	1,759

\*\*\* SLD Total(2%)\*\*\* 2 4.444(%)  
 \*\*\* Condition of supply : As-Forded \*\*\*

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

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS  
 S. B. Park  
 Chief Of Quality Assurance Team

\* 본 검사증명서는 영문인 전자본서인 검사증명서 정보 포함)로부터 출력된 사본입니다. 전자본서인 내용은 원대체별 고객포함에서 확인하실 수 있습니다. (http://sm.hyundai-steel.com/csi/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/csi/cm/login.jsp) \* QRcode scanner App : 'QRreal'  
 \* [사본일 주의사항] 본 검사증명서에 영문인 규격 및 시험시 제품번호 및 인장시험 결과가 불명확할 수 있습니다.  
 \* [Caution for Use] Damages on products and safety problems may arise if used other than to the spec stated in this Mill Test Certificate.