

검사증명서

MILL TEST CERTIFICATE



등잔계원소 : 흥남 등진시 중역읍 북부신영로 1480
1480 Bukusanup-Ro, Songak-Eup, Dengjin-Si, Chungnam, Korea



주문번호 : F200100191
Order No. : F200100191
품명 : HOT ROLLED STEEL PLATE
Commodity : PLESA STEEL
제품규격 : ASTM A36
Specification : ASTM A36
고객사 : PLESA STEEL
Customer : PLESA STEEL
주문자 : HYUNDAI CORPORATION
Contractor : HYUNDAI CORPORATION
증명서 번호 : 20200402-PS-023-001
Certificate No. : 20200402-PS-023-001
발행일자 : 2020-04-02
Date of Issue : 2020-04-02

제품차수 Dimension	수량 Quantity	중량 Weight (KG)	재간번호 Heat No.	제품번호 Product No.	인장시험 Tense Test						화학성분 Chemical Composition(%)																						
					YP (N/mm ²)	TS	EL (%)	YP-EL (%)	PA (%)	YR (%)	YP Mid	C	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	Sd	DR									
6.35 x 2438 x 6036	1	741	R44906	FBZ2746905	326.3	467.5	28						U	L	1.510	194	835	178	68	3	3	2	2	3	3	2	2	1	2	1	28	1,741	
6.35 x 2438 x 6036	1	741	R44906	FBZ2813601	326.3	467.5	28						U	L	1.605	183	760	138	68	2	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813602	326.3	467.5	28						U	L	1.510	194	835	178	68	3	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813603	326.3	467.5	28						U	L	1.510	194	835	178	68	3	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813604	326.3	467.5	28						U	L	1.510	194	835	178	68	3	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813605	326.3	467.5	28						U	L	1.510	194	835	178	68	3	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813606	326.3	467.5	28						U	L	1.510	194	835	178	68	3	1	25	0	1	2	0	1	2	1	28	1,741		
6.35 x 2438 x 6036	1	741	R44906	FBZ2813701	326.3	467.5	28						U	L	1.510	194	835	178	68	3	3	3	1	1	31	0	1	2	1	28	1,741		

* Position - T:Top, Middle, B:Bottom
* Tensile test - Direction: Transverse, Gauge length: 200mm (Rectangular), YP Mid : 2 (0.2% of-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

인장의 제품은 검사의 결과 지정된 규격에 합격한 것을 증명합니다.
Signature: **S. B. Park**
Chief Of Quality Assurance Team

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* [Caution for User] Damage on products and safety problems may arise if used other than the spec stated in this Mill Test Certificate.

검사증명서

MILL TEST CERTIFICATE



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1480 Bukusansung-Ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F200100191
Order No. : F200100191
Commodity : HOT ROLLED STEEL PLATE
고객사 : PLESA STEEL
Customer : PLESA STEEL
주문처 : HYUNDAI CORPORATION
Contractor : HYUNDAI CORPORATION
증명서 번호 : 20200402-PS-023-003
Certificate No. : 20200402-PS-023-003
발행일자 : 2020-04-02
Date of Issue : 2020-04-02

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	재간번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화합성분 Chemical Composition(%)										단위 Unit									
					YP		TS	EL	YP-EL	RA	YR	YP	YP	C		S	Mn	P	S	O	N	CU	Mo	Nb	TI	V	S ₄	DR						
					(N/mm ²)	(%)	(%)	(%)	(%)	(%)	Mid	5	4	3	3	4	4	4	2	2	3	3	2	3	3	3	3	3	3					
6.35 x 2438 x 6036	1	741	R44906	FB72813804	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813805	T	326.3	467.5	28							U	L	1.605	183	760	138	68	2	2	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813806	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813801	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813802	T	326.3	467.5	28							U	L	1.605	183	760	138	68	2	2	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813803	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813804	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741
6.35 x 2438 x 6036	1	741	R44906	FB72813905	T	326.3	467.5	28							U	L	1.510	194	835	178	68	3	3	4	4	4	2	2	3	3	2	2	28	1,741

* 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

당진제철소의 내용은 원단 제철 고객으로부터 확인하실 수 있습니다. (http://sm.hyundai-steel.com/csc/cm/loppn.jsp)
Original Quality Assurance Team

Signature
S. B. Park

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Order No. : F200100191

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Commodity : PLESA STEEL

제품규격 : ASTM A36
Specification : ASTM A36

고객사 : PLESA STEEL
Customer : PLESA STEEL

주문처 : HYUNDAI CORPORATION
Contractor : HYUNDAI CORPORATION

증명서 번호 : 20200402-PS-023-004
Certificate No. : 20200402-PS-023-004

발행일자 : 2020-04-02
Date of Issue : 2020-04-02

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)										단위 Unit						
					YP	TS	EL	YP-EL	RA	YR	YP	Mid	C	S	Mn	P	S	Q	N	CU	MO	Nb	TI	V	Sd	DR					
					(N/mm ²)										(%)										2 : x 100 3 : x 1,000 4 : x 10,000 5 : x 100,000						
6.35 x 2438 x 6036	1	741	RA4906	FB72813906	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814001	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814002	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814003	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814004	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814005	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814006	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741
6.35 x 2438 x 6036	1	741	RA4906	FB72814101	T	326.3	467.5	28				U	L	1,510	194	835	178	68	3	3	4	4	2	2	2	3	3	2	1	28	1,741

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

우리의 제품은 검사의 결과 지정된 규격에 합격한 것을 증명합니다.
Our products are certified to meet the specified requirements.

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

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