

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480  
 1480 Bulksanup-ro, Songak-eup, Dangjin-si, Chungnam, Korea



주문번호 : F190700141  
 Order No. : F190700141

품명 : HOT ROLLED CARBON STEEL PLATE  
 Commodity : HOT ROLLED CARBON STEEL PLATE

제품규격 : ASTM A36  
 Specification : ASTM A36

고객사 : HYUNDAI CORPORATION  
 Customer : HYUNDAI CORPORATION  
 주문처 : HYUNDAI CORPORATION  
 Contractor : HYUNDAI CORPORATION

증명서 번호 : 20190830-PS-052-006  
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 Date of Issue : 2019-08-30

제품치수 (Dimension)	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test								화합성분 Chemical Composition(%)										EPR UN								
					항복강도 Yield (N/mm <sup>2</sup> )	YS	EL	Y-P-EL	RA	YR	YP	Mid	항복강도 Yield (N/mm <sup>2</sup> )	C	S	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	Sd	DR				
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854102	T	280.1	482.5	34							2	L	1.699	251	1.060	101	83	2	2	1	16	0	0	2	1	32	2.079
50.8 x 1820 x 6006	1	4.447	R20433	FCI1854201	T	288.5	488.6	34							2	L	1.792	261	1.064	103	87	2	2	1	15	0	1	2	1	31	
50.8 x 1820 x 6006	1	4.447	R20433	FCI1854301	T	289.5	488.6	34							2	L	1.738	251	1.053	135	52	3	1	23	0	1	2	1	41	2.094	
50.8 x 1820 x 6006	1	4.447	R20433	FCI1854302	T	280.5	488.6	34							2	L	1.745	255	1.047	144	54	3	1	23	0	1	2	1	41	2.094	
50.8 x 1820 x 6006	1	4.447	R20430	FCI1854401	T	263.0	483.2	36							2	L	1.676	252	1.045	120	61	2	1	15	0	1	2	1	32	2.051	
50.8 x 1820 x 6006	1	4.447	R20430	FCI1854402	T	263.0	483.2	36							2	L	1.735	250	1.058	112	58	2	1	15	0	1	2	1	33		
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854501	T	280.1	482.5	34							2	L	1.676	252	1.045	120	61	2	1	15	0	1	2	1	32	2.051	
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854502	T	280.1	482.5	34							2	L	1.699	251	1.060	101	83	2	2	1	16	0	0	2	1	32	2.079
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854502	T	280.1	482.5	34							2	P	1.792	261	1.064	103	87	2	2	1	15	0	1	2	1	31	
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854502	T	280.1	482.5	34							2	P	1.792	261	1.064	103	87	2	2	1	16	0	0	2	1	32	2.079
50.8 x 1820 x 6006	1	4.447	R20425	FCI1854502	T	280.1	482.5	34							2	P	1.792	261	1.064	103	87	2	2	1	16	0	0	2	1	32	2.079

\*\*\* Sub Total(003) \*\*\* 21 106.728(Kg)  
 \* Position - T:Top, M:Middle, B:Bottom  
 \* Tensile test - Direction: Transverse, Gauge length: 50mm (Round), 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

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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