

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 흥남 당진시 송악읍 북부신영로 1480  
1480 Bukkusanup-Ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호  
Order No. : E200500105

품명  
Commodity : Hot Rolled Coil

제품규격  
Specification : ASTM A572 GRADE 50

고객사  
Customer : -

주문자  
Contractor : -

증명서 번호  
Certificate No. : 20200710-HS-004-001

발행일자  
Date of Issue : 2020-07-10

제품치수 Dimension (mm)	수량 Quantity	중량 Weight (Kg)	세강번호 Heat No.	제품번호 Product No.	강종 Grade	인장시험 Tensile Test								화합성분 Chemical Composition(%)								
						YP	TS	EL	YP-EL	RA	YR	YP	Mld	C	S	Mn	P	S	Nb	DR		
9.53x1829xC	1	24,060	R53500	CS149350	B	476.6	593.0	24						2	L	1.639	19	1.229	157	49	19	2.212
9.53x1829xC	1	24,090	R53500	CS146980	B	429.4	551.0	31						2	L	1.639	19	1.229	157	49	19	2.212
9.53x1829xC	1	24,110	R53500	CS146990	B	429.4	551.0	31						2	L	1.639	19	1.229	157	49	19	2.212
9.53x1829xC	1	24,120	R53506	CS149330	B	453.4	555.0	31						2	L	1.655	17	1.256	138	38	19	2.249
9.53x1829xC	1	24,290	R53506	CS149340	B	453.4	555.0	31						2	L	1.655	17	1.256	138	38	19	2.249
9.53x1829xC	1	24,080	R53506	CS149350	B	459.2	567.7	29						2	L	1.655	17	1.256	138	38	19	2.249
9.53x1829xC	1	24,090	R53506	CS149360	B	453.4	555.0	31						2	L	1.655	17	1.256	138	38	19	2.249
9.53x1829xC	1	22,100	R53500	CS159020	B	429.4	551.0	31						2	L	1.639	19	1.229	157	49	19	2.212

\*\*\*Sub Total(Q17)\*\*\* 8 190,900(Kg)

\* Position - T:Top, M:Middle, B:Bottom  
 \* Tensile test - Direction: Transverse, Gauge length: 50mm (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

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS

장기의 제품은 장시의 결과 지칭된 규격에 합격한 것을 증명합니다.

Signature  
**S. B. Park**  
 Chief Of Quality Assurance Team

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 \* You are able to check an original electronic document at hyundai's customer portal. (http://sm.hyundai-steel.com/csr/cm/oin.jsp) \* QRcode scanner App : 'QRcode' \* [사용상 주의사항] 본 검사증명서에 영기된 규격 외 사용시 제품손상 및 안전성 문제가 발생할 수 있습니다.  
 \* [Caution for Use] Damage on products and safety problems may arise if used other than to the spec stated in this Mill Test Certification.