

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480  
1490 Bukbusanup-Ro, Songak-Eup, Dengjin-Si, Chungnam, Korea



주문번호 : E241000676  
Order No.

품명 : Hot Rolled Coil  
Commodity

제품규격 : ASTM A36  
Specification

고객사 : SAMSUNG C&T AMERICA  
Customer  
주문자 : SAMSUNG C&T AMERICA  
Contractor

증명서 번호 : 20241218-HS-0004-001  
Certificate No.

발행일자 : 2024-12-18  
Date of Issue

제품치수 Dimension (inch)	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test							화학성분 Chemical Composition(%)											단위 Unit 2 : x100 3 : x1,000 4 : x10,000 5 : x100,000			
						YP	TS	EL	YP-EL	RA	YR	YP	Division	C	Si	Mn	P	S	Cr	Ni	B	Cu	Mo	Nb	Ti	V	DR
						(KSI) ( )	(%)	(%)	(%)	(%)	Mtd	4		3	3	4	4	2	2	4	3	2	3	3	3	3	
0.1854"NOMx48"xC	1	21,000	V27279	KYA08680	B	40.8	67.4	22				2	L	1,748	6	443	100	58	2	2	1	9	0	2	1	1	1,492
0.1854"NOMx48"xC	1	20,950	V27279	KYA08690	B	40.8	67.4	22				2	L	1,748	6	443	100	58	2	2	1	9	0	2	1	1	1,492
0.1854"NOMx48"xC	1	20,990	V27279	KYA08700	B	40.8	67.4	22				2	L	1,748	6	443	100	58	2	2	1	9	0	2	1	1	1,492
0.1854"NOMx48"xC	1	21,030	V27279	KYA08790	B	40.8	67.4	22				2	L	1,748	6	443	100	58	2	2	1	9	0	2	1	1	1,492
0.1854"NOMx48"xC	1	21,050	V27286	KYA09920	B	40.1	67.4	28				2	L	1,774	6	450	99	64	2	2	1	10	0	2	1	1	1,514
0.1854"NOMx48"xC	1	21,050	V27282	KYA12140	B	39.0	65.2	32				2	L	1,735	7	451	88	70	2	2	2	11	0	2	1	1	1,492
0.1854"NOMx48"xC	1	21,110	V27286	KYA12150	B	40.1	67.4	28				2	L	1,774	6	450	99	64	2	2	1	10	0	2	1	1	1,514
0.1854"NOMx48"xC	1	21,040	V27286	KYA13300	B	40.1	67.4	28				2	L	1,774	6	450	99	64	2	2	1	10	0	2	1	1	1,514
0.1854"NOMx48"xC	1	20,870	V27286	KYA21220	B	40.1	67.4	28				2	L	1,774	6	450	99	64	2	2	1	10	0	2	1	1	1,514
0.1854"NOMx48"xC	1	20,960	V27873	KYA35420	B	43.0	66.8	30				2	L	1,699	8	437	114	55	3	3	2	13	0	2	1	2	1,456
0.1854"NOMx48"xC	1	20,080	V27873	KYA37850	B	43.0	66.8	30				2	L	1,699	8	437	114	55	3	3	2	13	0	2	1	2	1,456
0.1854"NOMx48"xC	1	20,160	V27873	KYA37860	B	43.0	66.8	30				2	L	1,699	8	437	114	55	3	3	2	13	0	2	1	2	1,456
0.1854"NOMx48"xC	1	15,240	V27286	KYA61730	B	40.1	67.4	28				2	L	1,774	6	450	99	64	2	2	1	10	0	2	1	1	1,514
0.1854"NOMx48"xC	1	21,000	V27282	KYA61740	B	40.3	66.5	35				2	L	1,735	7	451	88	70	2	2	2	11	0	2	1	1	1,492
*** Sub Total(014) ***						14	286,530(Kg)																				

NOTE

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

\* 1. MELTED AND Poured IN REPUBLIC OF KOREA 2. EQUIVALENT TO ASME SA36

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

Signature  
Y.S. Jang  
Chief Of Hot Rolled Quality Team

\* 본 검사증명서는 원본인 전자문서(전자서명 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 현대제철 고객포탈에서 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 hyundaisteel's customer portal.( http://sm.hyundai-steel.com/cs/cm/login.jsp) \* QRcode scanner App : 'QReal'  
 \* [사용상 주의사항] 본 검사증명서에 영기된 규격 외 사용시 제품손상 및 안전상 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.

P.O. # P0255666-01  
3/16" 48 x 96  
HEAT # V27282