

PAGE : 1 / 1

증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(HR PIPE)

HR PIPE BME SRT235

제 품 규 격

SPECIFICATION : DOSCO SRT235

INSPECTION CERTIFICATE

DOSCO

DONG-A STEEL COMPANY

15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

발 급 일 자

DATE OF ISSUE : 2025. 06. 11.

계 약 서 번 호

L/C No. (P/O No.) :

출 하 일 자

DATE OF DELIVERY :

수 요 가

CUSTOMER : 동아스틸㈜

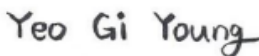
주 문 자

SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							235	350	16				-	-	-	0.05	0.05		
1	30 x 20	1.4	6.0	사전승인용	180	1,080	302	405	26	-	-	Good	0.0792	0.005	0.286	0.0099	0.0040	SQ40684	
2	40 x 20	1.4	6.0	사전승인용	120	720	296	408	25	-	-	Good	0.0779	0.007	0.289	0.0118	0.0064	SQ40686	
3	50 x 30	1.4	6.0	사전승인용	120	720	298	396	26	-	-	Good	0.0400	0.030	0.130	0.0340	0.0030	E25404266	
4	60 x 30	1.4	6.0	사전승인용	120	720	311	409	24	-	-	Good	0.0793	0.009	0.441	0.0071	0.0035	SQ87888	
5	60 x 40	1.4	6.0	사전승인용	120	720	296	390	25	-	-	Good	0.0400	0.030	0.110	0.0250	0.0020	E24504371	
6	70 x 30	1.4	6.0	사전승인용	100	600	314	402	25	-	-	Good	0.0400	0.020	0.110	0.0190	0.0020	E24501242	
7	75 x 45	1.4	6.0	사전승인용	100	600	305	388	25	-	-	Good	0.0400	0.030	0.150	0.0240	0.0010	E24600829	
OTHERS																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)									Manager of Q.M Dept . Yeo Gi Young						

PAGE : 1 / 1			INSPECTION CERTIFICATE					발급일자 DATE OF ISSUE : 2025. 06. 11.				
증명서번호 CERTIFICATE NO : 사전승인용			 DONG-A STEEL COMPANY					계약서번호 L/C No. (P/O No.) :				
제품명 COMMODITY : 일반구조용각형강관(HR PIPE)								출하일자 DATE OF DELIVERY :				
HR PIPE BME SRT275			15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea					수요자 CUSTOMER : 동아스틸㈜				
제품규격 SPECIFICATION : DOSCO SRT275			OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea					주문자 SHIPPER : 동아스틸㈜				

ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Quantity	총길이 Total Length (M)	인장시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화학성분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비고 Remarks
							YP N/mm2	TS %	EL %				C	Si	Mn	P	S		
1	30 x 20	2.0	6.0	사전승인용	210	1,260	394	503	25	-	-	Good	0.2028	0.010	0.229	0.0104	0.0084	SP03294	
2	40 x 20	2.0	6.0	사전승인용	180	1,080	398	511	24	-	-	Good	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
3	40 x 20	2.9	6.0	사전승인용	180	1,080	375	489	26	-	-	Good	0.1988	0.009	0.230	0.0090	0.0085	SP02881	
4	50 x 30	2.0	6.0	사전승인용	120	720	411	523	25	-	-	Good	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
5	50 x 30	2.9	6.0	사전승인용	120	720	388	501	25	-	-	Good	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
6	60 x 30	2.0	6.0	사전승인용	80	480	398	506	25	-	-	Good	0.2124	0.018	0.260	0.0159	0.0092	SP08704	
7	60 x 30	2.9	6.0	사전승인용	80	480	406	513	23	-	-	Good	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
8	60 x 40	2.0	6.0	사전승인용	80	480	398	506	25	-	-	Good	0.2124	0.018	0.260	0.0159	0.0092	SP08704	
9	60 x 40	2.9	6.0	사전승인용	80	480	406	513	23	-	-	Good	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
10	70 x 30	2.0	6.0	사전승인용	70	420	411	523	25	-	-	Good	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
11	70 x 30	2.9	6.0	사전승인용	70	420	406	513	23	-	-	Good	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
12	75 x 45	2.0	6.0	사전승인용	60	360	411	523	25	-	-	Good	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
13	75 x 45	2.9	6.0	사전승인용	60	360	406	513	23	-	-	Good	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
14	75 x 45	4.0	6.0	사전승인용	60	360	373	495	26	-	-	Good	0.2048	0.008	0.237	0.0102	0.0066	SP02884	
15	75 x 45	4.2	6.0	사전승인용	60	360	393	508	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
16	75 x 45	5.7	6.0	사전승인용	60	360	389	497	23	-	-	Good	0.1744	0.014	0.481	0.0134	0.0057	SQ84411	
17	75 x 50	2.9	6.0	사전승인용	60	360	403	482	24	-	-	Good	0.1600	0.010	0.330	0.0190	0.0070	25ND2477	
18	75 x 50	4.0	6.0	사전승인용	60	360	420	502	24	-	-	Good	0.1600	0.010	0.340	0.0170	0.0080	25LD2137	
OTHERS																			

Surveyor :	• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)	Manager of Q.M Dept. 
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PAGE : 1 / 1		INSPECTION CERTIFICATE				발급일자 DATE OF ISSUE : 2025. 06. 11.													
증명서번호 CERTIFICATE NO : 사전승인용		 DONG-A STEEL COMPANY				계약서번호 L/C No. (P/O No.) :													
제품명 COMMODITY : 일반구조용각형강관(HR PIPE)						출하일자 DATE OF DELIVERY :													
HR PIPE BME SRT275		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea				수요자 CUSTOMER : 동아스틸㈜													
제품규격 SPECIFICATION : DOSCO SRT275		OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea				주문자 SHIPPER : 동아스틸㈜													
ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화학성분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
19	75 x 50	4.2	6.0	사전승인용	60	360	388	496	25	-	-	Good	0.1600	0.010	0.340	0.0160	0.0120	25ND2088	
20	100 x 50	2.0	6.0	사전승인용	50	300	398	501	25	-	-	Good	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
21	100 x 50	2.9	6.0	사전승인용	50	300	402	503	23	-	-	Good	0.1500	0.010	0.340	0.0170	0.0100	25ND2087	
22	100 x 50	4.0	6.0	사전승인용	50	300	421	503	24	-	-	Good	0.1500	0.010	0.360	0.0170	0.0130	25ND2042	
23	100 x 50	4.2	6.0	사전승인용	50	300	375	484	26	-	-	Good	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
24	100 x 50	5.7	6.0	사전승인용	50	300	386	489	23	-	-	Good	0.1600	0.020	0.340	0.0180	0.0120	25MD1588	
25	125 x 50	2.0	6.0	사전승인용	40	240	398	501	25	-	-	Good	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
26	125 x 50	2.9	6.0	사전승인용	40	240	363	490	25	-	-	Good	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
27	125 x 50	4.0	6.0	사전승인용	40	240	381	495	25	-	-	Good	0.2047	0.017	0.241	0.0114	0.0064	SP11333	
28	125 x 50	4.2	6.0	사전승인용	40	240	381	492	24	-	-	Good	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
29	125 x 50	5.7	6.0	사전승인용	40	240	382	496	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
30	125 x 75	2.0	6.0	사전승인용	24	144	382	498	25	-	-	Good	0.2132	0.010	0.330	0.0131	0.0091	SP09420	
31	125 x 75	2.9	6.0	사전승인용	24	144	383	486	24	-	-	Good	0.1500	0.010	0.330	0.0160	0.0090	25LD2202	
32	125 x 75	4.0	6.0	사전승인용	24	144	388	502	25	-	-	Good	0.2058	0.010	0.330	0.0145	0.0063	SP11337	
33	125 x 75	4.2	6.0	사전승인용	24	144	393	508	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
34	125 x 75	5.7	6.0	사전승인용	24	144	382	483	23	-	-	Good	0.1700	0.010	0.330	0.0190	0.0070	25ND2035	
35	150 x 50	2.0	6.0	사전승인용	30	180	398	511	24	-	-	Good	0.2002	0.010	0.330	0.0110	0.0057	SP10259	
36	150 x 50	2.9	6.0	사전승인용	30	180	375	489	26	-	-	Good	0.1988	0.010	0.330	0.0090	0.0085	SP02881	
OTHS																			
Surveyor:				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)										Manager of Q.M Dept. Yeo Gi Young					

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CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(HR PIPE)

HR PIPE BME SRT275

제 품 규 격

SPECIFICATION : DOSCO SRT275

INSPECTION CERTIFICATE



DONG-A STEEL COMPANY

15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

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CUSTOMER : 동아스틸㈜

주 문 자

SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%	%				0.25	-	-	0.04	0.04		
37	150 x 50	4.0	6.0	사전승인용	30	180	380	491	24	-	-	Good	0.1838	0.009	0.438	0.0124	0.0049	SQ84495	
38	150 x 50	4.2	6.0	사전승인용	30	180	405	507	26	-	-	Good	0.1600	0.020	0.330	0.0130	0.0100	25ND1312	
39	150 x 50	5.7	6.0	사전승인용	30	180	389	497	23	-	-	Good	0.1744	0.014	0.481	0.0134	0.0057	SQ84411	
40	150 x 75	2.9	6.0	사전승인용	15	90	383	486	24	-	-	Good	0.1500	0.010	0.320	0.0160	0.0090	25LD2202	
41	150 x 75	4.0	6.0	사전승인용	15	90	388	502	25	-	-	Good	0.2058	0.010	0.245	0.0145	0.0063	SP11337	
42	150 x 75	4.2	6.0	사전승인용	15	90	393	508	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
43	150 x 75	5.7	6.0	사전승인용	15	90	382	483	23	-	-	Good	0.1700	0.010	0.310	0.0190	0.0070	25ND2035	
44	150 x 100	2.9	6.0	사전승인용	16	96	403	482	24	-	-	Good	0.1600	0.010	0.330	0.0190	0.0070	25ND2477	
45	150 x 100	4.0	6.0	사전승인용	16	96	373	495	26	-	-	Good	0.2048	0.008	0.237	0.0102	0.0066	SP02884	
46	150 x 100	4.2	6.0	사전승인용	16	96	375	484	26	-	-	Good	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
47	150 x 100	5.7	6.0	사전승인용	16	96	375	488	23	-	-	Good	0.2100	0.010	0.239	0.0141	0.0118	SP12429	
48	150 x 100	8.7	6.0	사전승인용	16	96	370	487	25	-	-	Good	0.2238	0.013	0.258	0.0121	0.0077	SP04480	
49	200 x 100	4.0	6.0	사전승인용	12	72	421	503	24	-	-	Good	0.1500	0.010	0.360	0.0170	0.0130	25ND2042	
50	200 x 100	4.2	6.0	사전승인용	12	72	375	484	26	-	-	Good	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
51	200 x 100	5.7	6.0	사전승인용	12	72	386	489	23	-	-	Good	0.1600	0.020	0.340	0.0180	0.0120	25MD1588	
52	200 x 100	8.7	6.0	사전승인용	12	72	388	506	24	-	-	Good	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	
53	200 x 150	4.0	6.0	사전승인용	9	54	381	495	25	-	-	Good	0.2047	0.017	0.241	0.0114	0.0064	SP11333	
54	200 x 150	4.2	6.0	사전승인용	9	54	381	492	24	-	-	Good	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
OT H E R E S																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)												Manager of Q.M Dept. Yeo Gi Young			

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HR PIPE BME SRT275

제 품 규 격

SPECIFICATION : DOSCO SRT275

INSPECTION CERTIFICATE



DONG-A STEEL COMPANY

15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

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출 하 일 자

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수 요 가

CUSTOMER : 동아스틸(주)

주 문 자

SHIPPER : 동아스틸(주)

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%					0.25	-	-	0.04	0.04		
55	200 x 150	5.7	6.0	사전승인용	9	54	375	488	23	-	-	Good	0.2100	0.010	0.239	0.0141	0.0118	SP12429	
56	200 x 150	8.7	6.0	사전승인용	9	54	370	487	25	-	-	Good	0.2238	0.013	0.258	0.0121	0.0077	SP04480	
57	250 x 150	4.2	6.0	사전승인용	6	36	381	492	24	-	-	Good	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
58	250 x 150	5.7	6.0	사전승인용	6	36	382	496	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
59	250 x 150	8.7	6.0	사전승인용	6	36	388	506	24	-	-	Good	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	

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Surveyor:

• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE.

• THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)

Manager of Q.M Dept.

Yeo Gi Young

PAGE : 1 / 1

증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(HR PIPE)

HR PIPE BME SRT275

제 품 규 격

SPECIFICATION : KS D 3568 SRT275

INSPECTION CERTIFICATE



15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

발 급 일 자

DATE OF ISSUE : 2025. 06. 11.

계 약 서 번 호

L/C No. (P/O No.) :

출 하 일 자

DATE OF DELIVERY :

수 요 가

CUSTOMER : 동아스틸㈜

주 문 자

SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
1	30 x 20	1.6	6.0	사전승인용	210	1,260	373	480	25	-	-	Good	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
2	40 x 20	1.6	6.0	사전승인용	180	1,080	373	480	25	-	-	Good	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
3	50 x 30	1.6	6.0	사전승인용	120	720	381	486	26	-	-	Good	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
4	50 x 30	2.3	6.0	사전승인용	120	720	388	491	24	-	-	Good	0.1624	0.007	0.287	0.0090	0.0029	SP29436	
5	60 x 30	1.6	6.0	사전승인용	80	480	381	486	26	-	-	Good	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
6	60 x 30	2.3	6.0	사전승인용	80	480	378	484	26	-	-	Good	0.1557	0.005	0.303	0.0101	0.0025	SQ92752	
7	60 x 30	3.2	6.0	사전승인용	80	480	371	473	27	-	-	Good	0.1504	0.007	0.475	0.0141	0.0035	SP25028	
8	75 x 45	1.6	6.0	사전승인용	60	360	381	486	26	-	-	Good	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
9	75 x 45	2.3	6.0	사전승인용	60	360	392	490	25	-	-	Good	0.1442	0.008	0.499	0.0127	0.0028	SP26037	
10	75 x 45	3.2	6.0	사전승인용	60	360	388	483	27	-	-	Good	0.1516	0.005	0.502	0.0108	0.0037	SP15837	
11	100 x 50	2.3	6.0	사전승인용	50	300	378	479	26	-	-	Good	0.1412	0.005	0.493	0.0112	0.0027	SQ86615	
12	100 x 50	3.2	6.0	사전승인용	50	300	397	492	25	-	-	Good	0.1754	0.007	0.310	0.0067	0.0045	SP76570	
13	100 x 50	4.5	6.0	사전승인용	50	300	387	482	26	-	-	Good	0.1829	0.003	0.437	0.0114	0.0036	SP34955	
14	125 x 75	2.3	6.0	사전승인용	24	144	388	491	24	-	-	Good	0.1508	0.008	0.496	0.0099	0.0024	SQ82071	
15	125 x 75	3.2	6.0	사전승인용	24	144	371	473	27	-	-	Good	0.1504	0.007	0.475	0.0141	0.0035	SP25028	
16	125 x 75	4.0	6.0	사전승인용	24	144	378	489	26	-	-	Good	0.1732	0.006	0.336	0.0087	0.0032	SP32132	
17	125 x 75	4.5	6.0	사전승인용	24	144	371	479	25	-	-	Good	0.1782	0.006	0.303	0.0117	0.0035	SP32132	
18	125 x 75	6.0	6.0	사전승인용	24	144	372	474	25	-	-	Good	0.1759	0.007	0.471	0.0127	0.0036	SU21620	
OT H E R S																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)										Manager of Q.M Dept. Yeo Gi Young					

PAGE : 1 / 1		INSPECTION CERTIFICATE				발급일자											
증명서번호						DATE OF ISSUE : 2025. 06. 11.											
CERTIFICATE NO : 사전승인용						계약서번호											
제 품 명						L/C No. (P/O No.) :											
COMMODITY : 일반구조용각형강관(HR PIPE)						출하일자											
HR PIPE BME SRT275		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea				DATE OF DELIVERY :											
제 품 규 격		OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea				수요자											
SPECIFICATION : KS D 3568 SRT275						CUSTOMER : 동아스틸㈜											
						주문자											
						SHIPPER : 동아스틸㈜											
ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.) YP TS EL N/mm2 % 275 410 23	굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.) C Si Mn P S 0.25 - - 0.04 0.04					재강번호 Heat No. (Coil No.)	비 고 Remarks
19	150 x 75	3.2	6.0	사전승인용	15	90	389 482 27	-	-	Good	0.1696	0.007	0.284	0.0084	0.0030	SQ92944	
20	150 x 100	3.2	6.0	사전승인용	16	96	389 482 27	-	-	Good	0.1696	0.007	0.284	0.0084	0.0030	SQ92944	
21	150 x 100	4.5	6.0	사전승인용	16	96	386 491 26	-	-	Good	0.1829	0.003	0.437	0.0114	0.0036	SP34955	
22	150 x 100	6.0	6.0	사전승인용	16	96	387 489 23	-	-	Good	0.1744	0.009	0.493	0.0100	0.0027	SQ87565	
23	150 x 100	9.0	6.0	사전승인용	16	96	368 472 23	-	-	Good	0.1727	0.011	0.480	0.0122	0.0019	SQ80565	
24	200 x 100	4.5	6.0	사전승인용	12	72	374 480 26	-	-	Good	0.1526	0.013	0.286	0.0090	0.0022	SQ92311	
25	200 x 100	6.0	6.0	사전승인용	12	72	387 489 23	-	-	Good	0.1744	0.009	0.493	0.0100	0.0027	SQ87565	
26	200 x 100	9.0	6.0	사전승인용	12	72	383 471 24	-	-	Good	0.1768	0.007	0.486	0.0124	0.0054	SU21624	
27	200 x 150	4.5	6.0	사전승인용	9	54	374 480 26	-	-	Good	0.1526	0.013	0.286	0.0090	0.0022	SQ92311	
28	200 x 150	6.0	6.0	사전승인용	9	54	387 489 23	-	-	Good	0.1744	0.009	0.493	0.0100	0.0027	SQ87565	
29	200 x 150	9.0	6.0	사전승인용	9	54	368 472 23	-	-	Good	0.1727	0.011	0.480	0.0122	0.0019	SQ80565	
30	250 x 150	6.0	6.0	사전승인용	6	36	371 482 23	-	-	Good	0.1793	0.006	0.333	0.0120	0.0055	SP34949	
31	250 x 150	9.0	6.0	사전승인용	6	36	383 471 24	-	-	Good	0.1768	0.007	0.486	0.0124	0.0054	SU21624	
OT H E R S																	
Surveyor:				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)								Manager of Q.M Dept. Yeo Gi Young					

PAGE : 1 / 1

증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(CL PIPE)

CL PIPE CME SRT235

제 품 규 격

SPECIFICATION : DOSCO SRT235

INSPECTION CERTIFICATE

DOSCO

DONG-A STEEL COMPANY

15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

발 급 일 자

DATE OF ISSUE : 2025. 06. 11.

계 약 서 번 호

L/C No. (P/O No.) :

출 하 일 자

DATE OF DELIVERY :

수 요 가

CUSTOMER : 동아스틸㈜

주 문 자

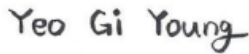
SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							235	350	16				-	-	-	0.05	0.05		
1	30 x 20	1.4	6.0	사전승인용	210	1,260	302	405	26	-	-	Painted	0.0792	0.005	0.286	0.0099	0.0040	SQ40684	
2	40 x 20	1.4	6.0	사전승인용	180	1,080	296	408	25	-	-	Painted	0.0779	0.007	0.289	0.0118	0.0064	SQ40686	
3	50 x 30	1.4	6.0	사전승인용	120	720	298	396	26	-	-	Painted	0.0400	0.030	0.130	0.0340	0.0030	E25404266	
4	60 x 30	1.4	6.0	사전승인용	80	480	311	409	24	-	-	Painted	0.0793	0.009	0.441	0.0071	0.0035	SQ87888	
5	60 x 40	1.4	6.0	사전승인용	80	480	296	390	25	-	-	Painted	0.0400	0.030	0.110	0.0250	0.0020	E24504371	
6	70 x 30	1.4	6.0	사전승인용	70	420	314	402	25	-	-	Painted	0.0400	0.020	0.110	0.0190	0.0020	E24501242	
7	75 x 45	1.4	6.0	사전승인용	60	360	305	388	25	-	-	Painted	0.0400	0.030	0.150	0.0240	0.0010	E24600829	
OTHES																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)									Manager of Q.M Dept . Yeo Gi Young						

PAGE : 1 / 1			INSPECTION CERTIFICATE					발급일자 DATE OF ISSUE : 2025. 06. 11.				
증명서번호 CERTIFICATE NO : 사전승인용			 DONG-A STEEL COMPANY					계약서번호 L/C No. (P/O No.) :				
제품명 COMMODITY : 일반구조용각형강관(CL PIPE)								출하일자 DATE OF DELIVERY :				
CL PIPE CME SRT275			15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea					수요자 CUSTOMER : 동아스틸㈜				
제품규격 SPECIFICATION : DOSCO SRT275			OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea					주문자 SHIPPER : 동아스틸㈜				

ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Quantity	총길이 Total Length (M)	인장시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화학성분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비고 Remarks
							YP N/mm2	TS %	EL %				C	Si	Mn	P	S		
1	30 x 20	2.0	6.0	사전승인용	210	1,260	394	503	25	-	-	Painted	0.2028	0.010	0.229	0.0104	0.0084	SP03294	
2	40 x 20	2.0	6.0	사전승인용	180	1,080	398	511	24	-	-	Painted	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
3	40 x 20	2.9	6.0	사전승인용	180	1,080	375	489	26	-	-	Painted	0.1988	0.009	0.230	0.0090	0.0085	SP02881	
4	50 x 30	2.0	6.0	사전승인용	120	720	411	523	25	-	-	Painted	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
5	50 x 30	2.9	6.0	사전승인용	120	720	388	501	25	-	-	Painted	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
6	60 x 30	2.0	6.0	사전승인용	80	480	398	506	25	-	-	Painted	0.2124	0.018	0.260	0.0159	0.0092	SP08704	
7	60 x 30	2.9	6.0	사전승인용	80	480	406	513	23	-	-	Painted	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
8	60 x 40	2.0	6.0	사전승인용	80	480	398	506	25	-	-	Painted	0.2124	0.018	0.260	0.0159	0.0092	SP08704	
9	60 x 40	2.9	6.0	사전승인용	80	480	406	513	23	-	-	Painted	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
10	70 x 30	2.0	6.0	사전승인용	70	420	411	523	25	-	-	Painted	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
11	70 x 30	2.9	6.0	사전승인용	70	420	406	513	23	-	-	Painted	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
12	75 x 45	2.0	6.0	사전승인용	60	360	411	523	25	-	-	Painted	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
13	75 x 45	2.9	6.0	사전승인용	60	360	406	513	23	-	-	Painted	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
14	75 x 45	4.0	6.0	사전승인용	60	360	373	495	26	-	-	Painted	0.2048	0.008	0.237	0.0102	0.0066	SP02884	
15	75 x 45	4.2	6.0	사전승인용	60	360	393	508	23	-	-	Painted	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
16	75 x 45	5.7	6.0	사전승인용	60	360	389	497	23	-	-	Painted	0.1744	0.014	0.481	0.0134	0.0057	SQ84411	
17	75 x 50	2.9	6.0	사전승인용	60	360	403	482	24	-	-	Painted	0.1600	0.010	0.330	0.0190	0.0070	25ND2477	
18	75 x 50	4.0	6.0	사전승인용	60	360	420	502	24	-	-	Painted	0.1600	0.010	0.340	0.0170	0.0080	25LD2137	

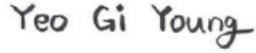
O T H E R S																

Surveyor :	• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)	Manager of Q.M Dept. 
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PAGE : 1 / 1		INSPECTION CERTIFICATE				발급일자 DATE OF ISSUE : 2025. 06. 11.			
증명서번호 CERTIFICATE NO : 사전승인용		 DONG-A STEEL COMPANY				계약서번호 L/C No. (P/O No.) :			
제 품 명 COMMODITY : 일반구조용각형강관(CL PIPE)						출하일자 DATE OF DELIVERY :			
CL PIPE CME SRT275		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea				수요자 CUSTOMER : 동아스틸㈜			
제 품 규 격 SPECIFICATION : DOSCO SRT275		OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea				주문자 SHIPPER : 동아스틸㈜			

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
19	75 x 50	4.2	6.0	사전승인용	60	360	388	496	25	-	-	Painted	0.1600	0.010	0.340	0.0160	0.0120	25ND2088	
20	100 x 50	2.0	6.0	사전승인용	50	300	398	501	25	-	-	Painted	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
21	100 x 50	2.9	6.0	사전승인용	50	300	402	503	23	-	-	Painted	0.1500	0.010	0.340	0.0170	0.0100	25ND2087	
22	100 x 50	4.0	6.0	사전승인용	50	300	421	503	24	-	-	Painted	0.1500	0.010	0.360	0.0170	0.0130	25ND2042	
23	100 x 50	4.2	6.0	사전승인용	50	300	375	484	26	-	-	Painted	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
24	100 x 50	5.7	6.0	사전승인용	50	300	386	489	23	-	-	Painted	0.1600	0.020	0.340	0.0180	0.0120	25MD1588	
25	125 x 50	2.0	6.0	사전승인용	40	240	398	501	25	-	-	Painted	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
26	125 x 50	2.9	6.0	사전승인용	40	240	363	490	25	-	-	Painted	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
27	125 x 50	4.0	6.0	사전승인용	40	240	381	495	25	-	-	Painted	0.2047	0.017	0.241	0.0114	0.0064	SP11333	
28	125 x 50	4.2	6.0	사전승인용	40	240	381	492	24	-	-	Painted	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
29	125 x 50	5.7	6.0	사전승인용	40	240	382	496	23	-	-	Painted	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
30	125 x 75	2.0	6.0	사전승인용	24	144	382	498	25	-	-	Painted	0.2132	0.010	0.330	0.0131	0.0091	SP09420	
31	125 x 75	2.9	6.0	사전승인용	24	144	383	486	24	-	-	Painted	0.1500	0.010	0.330	0.0160	0.0090	25LD2202	
32	125 x 75	4.0	6.0	사전승인용	24	144	388	502	25	-	-	Painted	0.2058	0.010	0.330	0.0145	0.0063	SP11337	
33	125 x 75	4.2	6.0	사전승인용	24	144	393	508	23	-	-	Painted	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
34	125 x 75	5.7	6.0	사전승인용	24	144	382	483	23	-	-	Painted	0.1700	0.010	0.330	0.0190	0.0070	25ND2035	
35	150 x 50	2.0	6.0	사전승인용	30	180	398	511	24	-	-	Painted	0.2002	0.010	0.330	0.0110	0.0057	SP10259	
36	150 x 50	2.9	6.0	사전승인용	30	180	375	489	26	-	-	Painted	0.1988	0.010	0.330	0.0090	0.0085	SP02881	

O T H E R S															

Surveyor:	• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)	Manager of Q.M Dept. 
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PAGE : 1 / 1							INSPECTION CERTIFICATE					발급일자 DATE OF ISSUE : 2025. 06. 11.							
증명서번호 CERTIFICATE NO : 사전승인용							 DONG-A STEEL COMPANY					계약서번호 L/C No. (P/O No.) :							
제 품 명 COMMODITY : 일반구조용각형강관(HR PIPE)												출하일자 DATE OF DELIVERY :							
HR PIPE BME SRT275							15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea					수요자 CUSTOMER : 동아스틸㈜							
제 품 규 격 SPECIFICATION : DOSCO SRT275							OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea					주 문 자 SHIPPER : 동아스틸㈜							
ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
37	150 x 50	4.0	6.0	사전승인용	30	180	380	491	24	-	-	Painted	0.1838	0.009	0.438	0.0124	0.0049	SQ84495	
38	150 x 50	4.2	6.0	사전승인용	30	180	405	507	26	-	-	Painted	0.1600	0.020	0.330	0.0130	0.0100	25ND1312	
39	150 x 50	5.7	6.0	사전승인용	30	180	389	497	23	-	-	Painted	0.1744	0.014	0.481	0.0134	0.0057	SQ84411	
40	150 x 75	2.9	6.0	사전승인용	15	90	383	486	24	-	-	Painted	0.1500	0.010	0.320	0.0160	0.0090	25LD2202	
41	150 x 75	4.0	6.0	사전승인용	15	90	388	502	25	-	-	Painted	0.2058	0.010	0.245	0.0145	0.0063	SP11337	
42	150 x 75	4.2	6.0	사전승인용	15	90	393	508	23	-	-	Painted	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
43	150 x 75	5.7	6.0	사전승인용	15	90	382	483	23	-	-	Painted	0.1700	0.010	0.310	0.0190	0.0070	25ND2035	
44	150 x 100	2.9	6.0	사전승인용	16	96	403	482	24	-	-	Painted	0.1600	0.010	0.330	0.0190	0.0070	25ND2477	
45	150 x 100	4.0	6.0	사전승인용	16	96	373	495	26	-	-	Painted	0.2048	0.008	0.237	0.0102	0.0066	SP02884	
46	150 x 100	4.2	6.0	사전승인용	16	96	375	484	26	-	-	Painted	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
47	150 x 100	5.7	6.0	사전승인용	16	96	375	488	23	-	-	Painted	0.2100	0.010	0.239	0.0141	0.0118	SP12429	
48	150 x 100	8.7	6.0	사전승인용	16	96	370	487	25	-	-	Painted	0.2238	0.013	0.258	0.0121	0.0077	SP04480	
49	200 x 100	4.0	6.0	사전승인용	12	72	421	503	24	-	-	Painted	0.1500	0.010	0.360	0.0170	0.0130	25ND2042	
50	200 x 100	4.2	6.0	사전승인용	12	72	375	484	26	-	-	Painted	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
51	200 x 100	5.7	6.0	사전승인용	12	72	386	489	23	-	-	Painted	0.1600	0.020	0.340	0.0180	0.0120	25MD1588	
52	200 x 100	8.7	6.0	사전승인용	12	72	388	506	24	-	-	Painted	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	
53	200 x 150	4.0	6.0	사전승인용	9	54	381	495	25	-	-	Painted	0.2047	0.017	0.241	0.0114	0.0064	SP11333	
54	200 x 150	4.2	6.0	사전승인용	9	54	381	492	24	-	-	Painted	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
OTHS																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)										Manager of Q.M Dept. Yeo Gi Young					

PAGE : 1 / 1		INSPECTION CERTIFICATE  DONG-A STEEL COMPANY				발급일자 DATE OF ISSUE : 2025. 06. 11. 계약서번호 L/C No. (P/O No.) : 출하일자 DATE OF DELIVERY : 수요가 CUSTOMER : 동아스틸(주) 주문자 SHIPPER : 동아스틸(주)									
증명서번호 CERTIFICATE NO : 사전승인용		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea													
제품명 COMMODITY : 일반구조용각형강관(HR PIPE)		HR PIPE BME SRT275													
제품규격 SPECIFICATION : DOSCO SRT275															

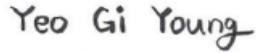
ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
55	200 x 150	5.7	6.0	사전승인용	9	54	375	488	23	-	-	Painted	0.2100	0.010	0.239	0.0141	0.0118	SP12429	
56	200 x 150	8.7	6.0	사전승인용	9	54	370	487	25	-	-	Painted	0.2238	0.013	0.258	0.0121	0.0077	SP04480	
57	250 x 150	4.2	6.0	사전승인용	6	36	381	492	24	-	-	Painted	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
58	250 x 150	5.7	6.0	사전승인용	6	36	382	496	23	-	-	Painted	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
59	250 x 150	8.7	6.0	사전승인용	6	36	388	506	24	-	-	Painted	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	

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Surveyor:

• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE.
 • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)

Manager of Q.M Dept.



PAGE : 1 / 1		INSPECTION CERTIFICATE				발급일자 DATE OF ISSUE : 2025. 06. 11.													
증명서번호 CERTIFICATE NO : 사전승인용						계약서번호 L/C No. (P/O No.) :													
제품명 COMMODITY : 일반구조용각형강관(CL PIPE)						출하일자 DATE OF DELIVERY :													
CL PIPE CME SRT275		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea				수요자 CUSTOMER : 동아스틸㈜													
제품규격 SPECIFICATION : KS D 3568 SRT275		OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea				주문자 SHIPPER : 동아스틸㈜													
ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flatteninging Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
1	30 x 20	1.6	6.0	사전승인용	210	1,260	373	480	25	-	-	Painted	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
2	40 x 20	1.6	6.0	사전승인용	180	1,080	373	480	25	-	-	Painted	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
3	50 x 30	1.6	6.0	사전승인용	120	720	381	486	26	-	-	Painted	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
4	50 x 30	2.3	6.0	사전승인용	120	720	388	491	24	-	-	Painted	0.1624	0.007	0.287	0.0090	0.0029	SP29436	
5	60 x 30	1.6	6.0	사전승인용	80	480	381	486	26	-	-	Painted	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
6	60 x 30	2.3	6.0	사전승인용	80	480	378	484	26	-	-	Painted	0.1557	0.005	0.303	0.0101	0.0025	SQ92752	
7	60 x 30	3.2	6.0	사전승인용	80	480	371	473	27	-	-	Painted	0.1504	0.007	0.475	0.0141	0.0035	SP25028	
8	75 x 45	1.6	6.0	사전승인용	60	360	381	486	26	-	-	Painted	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
9	75 x 45	2.3	6.0	사전승인용	60	360	392	490	25	-	-	Painted	0.1442	0.008	0.499	0.0127	0.0028	SP26037	
10	75 x 45	3.2	6.0	사전승인용	60	360	388	483	27	-	-	Painted	0.1516	0.005	0.502	0.0108	0.0037	SP15837	
11	100 x 50	2.3	6.0	사전승인용	50	300	378	479	26	-	-	Painted	0.1412	0.005	0.493	0.0112	0.0027	SQ86615	
12	100 x 50	3.2	6.0	사전승인용	50	300	397	492	25	-	-	Painted	0.1754	0.007	0.310	0.0067	0.0045	SP76570	
13	100 x 50	4.5	6.0	사전승인용	50	300	387	482	26	-	-	Painted	0.1829	0.003	0.437	0.0114	0.0036	SP34955	
14	125 x 75	2.3	6.0	사전승인용	24	144	388	491	24	-	-	Painted	0.1508	0.008	0.496	0.0099	0.0024	SQ82071	
15	125 x 75	3.2	6.0	사전승인용	24	144	371	473	27	-	-	Painted	0.1504	0.007	0.475	0.0141	0.0035	SP25028	
16	125 x 75	4.0	6.0	사전승인용	24	144	378	489	26	-	-	Painted	0.1732	0.006	0.336	0.0087	0.0032	SP32132	
17	125 x 75	4.5	6.0	사전승인용	24	144	371	479	25	-	-	Painted	0.1782	0.006	0.303	0.0117	0.0035	SP32132	
18	125 x 75	6.0	6.0	사전승인용	24	144	372	474	25	-	-	Painted	0.1759	0.007	0.471	0.0127	0.0036	SU21620	
OTHS																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)								Manager of Q.M Dept. Yeo Gi Young							

PAGE : 1 / 1

증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(CL PIPE)

CL PIPE CME SRT275

제 품 규 격

SPECIFICATION : KS D 3568 SRT275

INSPECTION CERTIFICATE



15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

발 급 일 자

DATE OF ISSUE : 2025. 06. 11.

계 약 서 번 호

L/C No. (P/O No.) :

출 하 일 자

DATE OF DELIVERY :

수 요 가

CUSTOMER : 동아스틸㈜

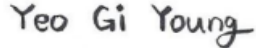
주 문 자

SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua- ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.) YP TS EL N/mm2 % 275 410 23	굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.) C Si Mn P S 0.25 - - 0.04 0.04	재강번호 Heat No. (Coil No.)	비 고 Remarks
19	150 x 75	3.2	6.0	사전승인용	15	90	389 482 27	-	-	Painted	0.1696 0.007 0.284 0.0084 0.0030	SQ92944	
20	150 x 100	3.2	6.0	사전승인용	16	96	389 482 27	-	-	Painted	0.1696 0.007 0.284 0.0084 0.0030	SQ92944	
21	150 x 100	4.5	6.0	사전승인용	16	96	386 491 26	-	-	Painted	0.1829 0.003 0.437 0.0114 0.0036	SP34955	
22	150 x 100	6.0	6.0	사전승인용	16	96	387 489 23	-	-	Painted	0.1744 0.009 0.493 0.0100 0.0027	SQ87565	
23	150 x 100	9.0	6.0	사전승인용	16	96	368 472 23	-	-	Painted	0.1727 0.011 0.480 0.0122 0.0019	SQ80565	
24	200 x 100	4.5	6.0	사전승인용	12	72	374 480 26	-	-	Painted	0.1526 0.013 0.286 0.0090 0.0022	SQ92311	
25	200 x 100	6.0	6.0	사전승인용	12	72	387 489 23	-	-	Painted	0.1744 0.009 0.493 0.0100 0.0027	SQ87565	
26	200 x 100	9.0	6.0	사전승인용	12	72	383 471 24	-	-	Painted	0.1768 0.007 0.486 0.0124 0.0054	SU21624	
27	200 x 150	4.5	6.0	사전승인용	9	54	374 480 26	-	-	Painted	0.1526 0.013 0.286 0.0090 0.0022	SQ92311	
28	200 x 150	6.0	6.0	사전승인용	9	54	387 489 23	-	-	Painted	0.1744 0.009 0.493 0.0100 0.0027	SQ87565	
29	200 x 150	9.0	6.0	사전승인용	9	54	368 472 23	-	-	Painted	0.1727 0.011 0.480 0.0122 0.0019	SQ80565	
30	250 x 150	6.0	6.0	사전승인용	6	36	371 482 23	-	-	Painted	0.1793 0.006 0.333 0.0120 0.0055	SP34949	
31	250 x 150	9.0	6.0	사전승인용	6	36	383 471 24	-	-	Painted	0.1768 0.007 0.486 0.0124 0.0054	SU21624	
OT H E R E S													
Surveyor:				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)								Manager of Q.M Dept. Yeo Gi Young	

PAGE : 1 / 1			INSPECTION CERTIFICATE			발급일자 DATE OF ISSUE : 2025. 06. 11.													
증명서번호 CERTIFICATE NO : 사전승인용			 DONG-A STEEL COMPANY			계약서번호 L/C No. (P/O No.) :													
제품명 COMMODITY : 일반구조용각형강관(HGI PIPE)						출하일자 DATE OF DELIVERY :													
HGI PIPE GME SRT235			15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea			수요자 CUSTOMER : 동아스틸㈜													
제품규격 SPECIFICATION : DOSCO SRT235			OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea			주문자 SHIPPER : 동아스틸㈜													
ITEM NO.	제품치수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품번호 Product No. (Lot No.)	수량 Quan-tity	총길이 Total Length (M)	인장시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2		%										
							235	350	16										
1	30 x 20	1.4	6.0	사전승인용	180	1,080	340	406	25	-	-	Z10	0.0300	0.080	0.100	0.0110	0.0020	E25404829	
2	40 x 20	1.4	6.0	사전승인용	120	720	303	381	26	-	-	Z10	0.0383	0.023	0.210	0.0200	0.0110	T151101929901	
3	50 x 30	1.4	6.0	사전승인용	120	720	342	401	24	-	-	Z10	0.0400	0.060	0.110	0.0210	0.0030	E24607230	
4	60 x 30	1.4	6.0	사전승인용	120	720	296	388	26	-	-	Z10	0.0410	0.017	0.170	0.0130	0.0120	T2422219410	
5	60 x 40	1.4	6.0	사전승인용	120	720	344	406	25	-	-	Z10	0.0480	0.050	0.120	0.0270	0.0020	E24505139	
6	70 x 30	1.4	6.0	사전승인용	100	600	347	409	23	-	-	Z10	0.0430	0.040	0.110	0.0210	0.0010	E24401508	
7	75 x 45	1.4	6.0	사전승인용	100	600	396	395	26	-	-	Z10	0.0387	0.023	0.210	0.0200	0.0110	T151101930201	
O T H E R S																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)								Manager of Q.M Dept. Yeo Gi Young							

PAGE : 1 / 1		INSPECTION CERTIFICATE  DONG-A STEEL COMPANY				발급일자 DATE OF ISSUE : 2025. 06. 11. 계약서번호 L/C No. (P/O No.) : 출하일자 DATE OF DELIVERY : 수요자 CUSTOMER : 동아스틸㈜ 주문자 SHIPPER : 동아스틸㈜			
증명서번호 CERTIFICATE NO : 사전승인용 제품명 COMMODITY : 일반구조용각형강관(HGI PIPE)		HGI PIPE GME SRT275 제품규격 SPECIFICATION : DOSCO SRT275				15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea			

ITEM NO.	제품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP	TS	EL				C	Si	Mn	P	S		
							N/mm2	%											
							275	410	23				0.25	-	-	0.04	0.04		
1	30 x 20	2.0	6.0	사전승인용	210	1,260	403	485	23	-	-	Z10	0.1550	0.009	0.490	0.0130	0.0130	T2522087898	
2	40 x 20	2.0	6.0	사전승인용	180	1,080	379	488	26	-	-	Z10	0.1620	0.016	0.460	0.0150	0.0140	T2522087810	
3	40 x 20	2.9	6.0	사전승인용	180	1,080	364	471	25	-	-	Z10	0.1130	0.009	0.303	0.0117	0.0053	SQ74581	
4	50 x 30	2.0	6.0	사전승인용	120	720	378	479	26	-	-	Z10	0.1262	0.007	0.320	0.0114	0.0038	SQ77783	
5	50 x 30	2.9	6.0	사전승인용	120	720	390	484	23	-	-	Z10	0.1191	0.009	0.448	0.0136	0.0094	SQ85044	
6	60 x 30	2.0	6.0	사전승인용	80	480	386	479	25	-	-	Z10	0.1139	0.005	0.300	0.0076	0.0049	SQ80597	
7	60 x 30	2.9	6.0	사전승인용	80	480	383	483	26	-	-	Z10	0.1190	0.007	0.320	0.0065	0.0037	SQ80581	
8	60 x 40	2.0	6.0	사전승인용	80	480	382	479	25	-	-	Z10	0.1108	0.005	0.462	0.0076	0.0041	SU35876	
9	60 x 40	2.9	6.0	사전승인용	80	480	371	480	26	-	-	Z10	0.1031	0.003	0.440	0.0080	0.0044	SU36386	
10	70 x 30	2.0	6.0	사전승인용	70	420	374	482	25	-	-	Z10	0.1107	0.007	0.441	0.0120	0.0067	SQ90139	
11	70 x 30	2.9	6.0	사전승인용	70	420	386	479	25	-	-	Z10	0.1139	0.005	0.300	0.0076	0.0049	SQ80597	
12	75 x 45	2.0	6.0	사전승인용	60	360	382	480	25	-	-	Z10	0.1195	0.012	0.432	0.0145	0.0061	SQ64916	
13	75 x 45	2.9	6.0	사전승인용	60	360	403	485	23	-	-	Z10	0.1550	0.009	0.490	0.0130	0.0130	T2522087898	
14	100 x 50	2.0	6.0	사전승인용	50	300	381	492	23	-	-	Z10	0.1714	0.015	0.748	0.0127	0.0033	SB79251	
15	100 x 50	2.9	6.0	사전승인용	50	300	379	488	26	-	-	Z10	0.1620	0.016	0.460	0.0150	0.0140	T2522087810	
16	125 x 75	2.0	6.0	사전승인용	24	144	364	471	25	-	-	Z10	0.1130	0.009	0.303	0.0117	0.0053	SQ74581	
18	125 x 75	2.9	6.0	사전승인용	24	144	409	482	24	-	-	Z10	0.1460	0.020	0.460	0.0100	0.0140	T2522087818	
19	125 x 75	4.0	6.0	사전승인용	24	144	378	479	26	-	-	Z10	0.1262	0.007	0.320	0.0114	0.0038	SQ77783	
OTHS																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBESATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)										Manager of Q.M Dept. 					

PAGE : 1 / 1		INSPECTION CERTIFICATE				발 급 일 자													
증명서번호		 DONG-A STEEL COMPANY				DATE OF ISSUE : 2025. 06. 11.													
CERTIFICATE NO : 사전승인용						계 약 서 번 호													
제 품 명		HGI PIPE GME SRT275				L/C No. (P/O No.) :													
COMMODITY : 일반구조용각형강관(HGI PIPE)						출 하 일 자													
		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea				DATE OF DELIVERY :													
제 품 규 격						수 요 가													
SPECIFICATION : DOSCO SRT275		OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea				CUSTOMER : 동아스틸㈜													
						주 문 자													
						SHIPPER : 동아스틸㈜													
ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Qua-ntity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.) YP TS EL N/mm2 % 275 410 23			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.) C Si Mn P S 0.25 - - 0.04 0.04					제강번호 Heat No. (Coil No.)	비 고 Remarks
20	150 x 50	2.0	6.0	사전승인용	25	150	390	484	23	-	-	Z10	0.1191	0.009	0.448	0.0136	0.0094	SQ85044	
21	150 x 50	2.9	6.0	사전승인용	25	150	368	475	26	-	-	Z10	0.1204	0.009	0.343	0.0082	0.0052	SQ74563	
22	150 x 100	2.9	6.0	사전승인용	16	96	386	479	25	-	-	Z10	0.1139	0.005	0.300	0.0076	0.0049	SQ80597	
23	150 x 100	4.0	6.0	사전승인용	16	96	383	483	26	-	-	Z10	0.1190	0.007	0.320	0.0065	0.0037	SQ80581	
24	200 x 100	4.0	6.0	사전승인용	12	72	379	487	25	-	-	Z10	0.1630	0.014	0.480	0.0110	0.0100	T2522087889	
OTHES																			
Surveyor:				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBESATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)									Manager of Q.M Dept. Yeo Gi Young						

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증명서번호
CERTIFICATE NO : 사전승인용

제 품 명
COMMODITY : 일반구조용각형강관(HR PIPE)

HGI PIPE GME SRT275

제 품 규 격
SPECIFICATION : KS D 3568 SRT275

INSPECTION CERTIFICATE



15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea

OFFICE : BusanBank Sasang Industrial Complex on the 2nd floor 901, Nakdong-daero, Sasang-gu, Busan, Republic of Korea

발 급 일 자
DATE OF ISSUE : 2025. 06. 11.

계 약 서 번 호
L/C No. (P/O No.) :

출 하 일 자
DATE OF DELIVERY :

수 요 가
CUSTOMER : 동아스틸㈜

주 문 자
SHIPPER : 동아스틸㈜

ITEM NO.	제 품 치 수 SIZE (mm)	두께 Thick-ness (mm)	길이 Length (M)	제품 번호 Product No. (Lot No.)	수량 Quan-tity	총길이 Total Length (M)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					제강번호 Heat No. (Coil No.)	비 고 Remarks
							YP N/mm2	TS %	EL %				C	Si	Mn	P	S		
1	30 x 20	1.6	6.0	사전승인용	210	1,260	379	471	25	-	-	Z12	0.1127	0.004	0.301	0.0053	0.0040	SQ90039	
2	40 x 20	1.6	6.0	사전승인용	180	1,080	381	483	24	-	-	Z12	0.1127	0.004	0.301	0.0053	0.0040	SQ90039	
3	50 x 30	1.6	6.0	사전승인용	120	720	385	491	23	-	-	Z12	0.1104	0.012	0.478	0.0175	0.0065	SP06263	
4	50 x 30	2.3	6.0	사전승인용	120	720	389	490	24	-	-	Z12	0.1110	0.007	0.424	0.0110	0.0048	SP00643	
5	60 x 30	1.6	6.0	사전승인용	80	480	380	482	25	-	-	Z12	0.1600	0.020	0.490	0.0120	0.0050	AF31113584501	
6	60 x 30	2.3	6.0	사전승인용	80	480	378	469	26	-	-	Z12	0.1203	0.005	0.411	0.0109	0.0055	SU40513	
7	60 x 30	3.2	6.0	사전승인용	80	480	381	477	26	-	-	Z12	0.1101	0.008	0.434	0.0099	0.0065	SU35875	
8	75 x 45	1.6	6.0	사전승인용	60	360	391	480	25	-	-	Z12	0.1700	0.020	0.550	0.0150	0.0050	AF31112656201	
9	75 x 45	2.3	6.0	사전승인용	60	360	385	476	26	-	-	Z12	0.1177	0.012	0.298	0.0116	0.0064	SQ88920	
10	75 x 45	3.2	6.0	사전승인용	60	360	385	496	24	-	-	Z12	0.1678	0.045	0.726	0.0093	0.0074	SB01440	
11	100 x 50	2.3	6.0	사전승인용	50	300	382	479	26	-	-	Z12	0.1057	0.009	0.440	0.0117	0.0077	SP99232	
12	100 x 50	3.2	6.0	사전승인용	50	300	372	473	26	-	-	Z12	0.1188	0.010	0.297	0.0118	0.0043	SQ64922	
13	125 x 75	2.3	6.0	사전승인용	24	144	374	463	26	-	-	Z12	0.1146	0.005	0.294	0.0092	0.0022	SQ95282	
14	125 x 75	3.2	6.0	사전승인용	24	144	382	483	25	-	-	Z12	0.1146	0.005	0.294	0.0092	0.0022	SQ95282	
15	125 x 75	4.0	6.0	사전승인용	24	144	389	492	24	-	-	Z12	0.1106	0.005	0.424	0.0100	0.0065	SQ96203	
16	150 x 75	3.2	6.0	사전승인용	15	90	393	485	26	-	-	Z12	0.1212	0.009	0.318	0.0134	0.0055	SQ65057	
17	150 x 100	3.2	7.0	사전승인용	16	112	381	477	26	-	-	Z12	0.1101	0.008	0.434	0.0099	0.0065	SU35875	
TEST																			
Surveyor :				• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS.FURTHERMORE. ANY ORGANIZATION OR PERSON(S) WHO DELIBESATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)									Manager of Q.M Dept. Yeo Gi Young						