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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 N/mm2	TS	EL %				C	Si	Mn	P	S		
1	19 x 19	1.4	6.0	사전승인용	180	1,080	302	405	26	-	-	Good	0.0792	0.005	0.286	0.0099	0.0040	SQ40684	
2	25 x 25	1.4	6.0	사전승인용	120	720	296	408	25	-	-	Good	0.0779	0.007	0.289	0.0118	0.0064	SQ40686	
3	30 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	40 x 40	1.4	6.0	사전승인용	120	720	311	409	24	-	-	Good	0.0793	0.009	0.441	0.0071	0.0035	SQ87888	
5	50 x 50	1.4	6.0	사전승인용	120	720	296	390	25	-	-	Good	0.0400	0.030	0.110	0.0250	0.0020	E24504371	
6	60 x 60	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 75	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.) :	
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		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 Quantity	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	25 x 25	2.0	6.0	사전승인용	180	1,080	394	503	25	-	-	Good	0.2028	0.010	0.229	0.0104	0.0084	SP03294	
2	30 x 30	2.0	6.0	사전승인용	120	720	398	511	24	-	-	Good	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
3	30 x 30	2.9	6.0	사전승인용	120	720	375	489	26	-	-	Good	0.1988	0.009	0.230	0.0090	0.0085	SP02881	
4	40 x 40	2.0	6.0	사전승인용	120	720	411	523	25	-	-	Good	0.2043	0.012	0.206	0.0121	0.0076	SP10256	
5	40 x 40	2.9	6.0	사전승인용	120	720	388	501	25	-	-	Good	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
6	50 x 50	2.0	6.0	사전승인용	100	600	398	506	25	-	-	Good	0.2124	0.018	0.260	0.0159	0.0092	SP08704	
7	50 x 50	2.9	6.0	사전승인용	100	600	406	513	23	-	-	Good	0.1700	0.010	0.340	0.0170	0.0100	25LD1572	
8	50 x 50	4.0	6.0	사전승인용	100	600	373	495	26	-	-	Good	0.2048	0.008	0.237	0.0102	0.0066	SP02884	
9	50 x 50	4.2	6.0	사전승인용	100	600	405	507	26	-	-	Good	0.1600	0.020	0.330	0.0130	0.0100	25ND1312	
10	50 x 50	5.7	6.0	사전승인용	100	600	389	497	23	-	-	Good	0.1744	0.014	0.481	0.0134	0.0057	SQ84411	
11	60 x 60	2.0	6.0	사전승인용	64	384	382	498	25	-	-	Good	0.2132	0.012	0.243	0.0131	0.0091	SP09420	
12	60 x 60	2.9	6.0	사전승인용	64	384	383	486	24	-	-	Good	0.1500	0.010	0.320	0.0160	0.0090	25LD2202	
13	60 x 60	4.0	6.0	사전승인용	64	384	388	502	25	-	-	Good	0.2058	0.010	0.245	0.0145	0.0063	SP11337	
14	60 x 60	4.2	6.0	사전승인용	64	384	393	508	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
15	60 x 60	5.7	6.0	사전승인용	64	384	382	483	23	-	-	Good	0.1700	0.010	0.310	0.0190	0.0070	25ND2035	
16	75 x 75	2.0	6.0	사전승인용	36	216	396	514	26	-	-	Good	0.2076	0.016	0.246	0.0258	0.0083	SP12280	
17	75 x 75	2.9	6.0	사전승인용	36	216	403	482	24	-	-	Good	0.1600	0.010	0.330	0.0190	0.0070	25ND2477	
18	75 x 75	4.0	6.0	사전승인용	36	216	420	502	24	-	-	Good	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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증명서번호

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

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	%	%				0.25	-	-	0.04	0.04		
19	75 x 75	4.2	6.0	사전승인용	36	216	388	496	25	-	-	Good	0.1600	0.010	0.340	0.0160	0.0120	25ND2088	
20	75 x 75	5.7	6.0	사전승인용	36	216	385	493	23	-	-	Good	0.1700	0.020	0.350	0.0200	0.0080	25MD2670	
21	100 x 100	2.0	6.0	사전승인용	25	150	398	501	25	-	-	Good	0.2002	0.014	0.209	0.0110	0.0057	SP10259	
22	100 x 100	2.9	6.0	사전승인용	25	150	402	503	23	-	-	Good	0.1500	0.010	0.340	0.0170	0.0100	25ND2087	
23	100 x 100	4.0	6.0	사전승인용	25	150	421	503	24	-	-	Good	0.1500	0.010	0.360	0.0170	0.0130	25ND2042	
24	100 x 100	4.2	6.0	사전승인용	25	150	375	484	26	-	-	Good	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
25	100 x 100	5.7	6.0	사전승인용	25	150	386	489	23	-	-	Good	0.1600	0.020	0.340	0.0180	0.0120	25MD1588	
26	125 x 125	2.9	6.0	사전승인용	16	96	363	490	25	-	-	Good	0.2043	0.016	0.248	0.0196	0.0073	SP11275	
27	125 x 125	4.0	6.0	사전승인용	16	96	381	495	25	-	-	Good	0.2047	0.017	0.241	0.0114	0.0064	SP11333	
28	125 x 125	4.2	6.0	사전승인용	16	96	381	492	24	-	-	Good	0.2147	0.011	0.254	0.0099	0.0060	SP10850	
29	125 x 125	5.7	6.0	사전승인용	16	96	382	496	23	-	-	Good	0.1600	0.010	0.330	0.0160	0.0070	25MD2393	
30	125 x 125	8.7	6.0	사전승인용	16	96	388	506	24	-	-	Good	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	
31	150 x 150	4.0	6.0	사전승인용	12	72	390	511	23	-	-	Good	0.2065	0.011	0.245	0.0187	0.0081	SP05889	
32	150 x 150	4.2	6.0	사전승인용	12	72	387	494	26	-	-	Good	0.1745	0.007	0.443	0.0123	0.0054	SQ87871	
33	150 x 150	5.7	6.0	사전승인용	12	72	375	488	23	-	-	Good	0.2100	0.010	0.239	0.0141	0.0118	SP12429	
34	150 x 150	8.7	6.0	사전승인용	12	72	370	487	25	-	-	Good	0.2238	0.013	0.258	0.0121	0.0077	SP04480	
35	200 x 200	4.2	6.0	사전승인용	6	36	367	488	25	-	-	Good	0.2127	0.010	0.247	0.0099	0.0090	SP11017	
36	200 x 200	5.7	6.0	사전승인용	6	36	361	492	26	-	-	Good	0.2039	0.008	0.246	0.0127	0.0038	SP11262	
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		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				L/C No. (P/O No.) :	
COMMODITY : 일반구조용각형강관(HR PIPE)				출 하 일 자	
HR PIPE BME SRT275		15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea		DATE OF DELIVERY :	
제 품 규 격		Korea		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)	
				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	%											
							275	410	23			Good	0.25	-	-	0.04	0.04		
37	200 x 200	8.7	6.0	사전승인용	6	36	380	491	24	-	-	Good	0.1838	0.009	0.438	0.0124	0.0049	SQ84495	

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

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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.) :

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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	25 x 25	1.6	6.0	사전승인용	210	1,260	369	475	26	-	-	Good	0.1672	0.013	0.240	0.0097	0.0008	SR18458	
2	30 x 30	1.6	6.0	사전승인용	180	1,080	373	480	25	-	-	Good	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
3	40 x 40	1.6	6.0	사전승인용	120	720	381	486	26	-	-	Good	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
4	40 x 40	2.3	6.0	사전승인용	120	720	378	484	26	-	-	Good	0.1557	0.005	0.303	0.0101	0.0025	SQ92752	
5	50 x 50	1.6	6.0	사전승인용	100	600	373	480	25	-	-	Good	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
6	50 x 50	2.3	6.0	사전승인용	100	600	388	491	24	-	-	Good	0.1624	0.007	0.287	0.0090	0.0029	SP29436	
7	50 x 50	3.2	6.0	사전승인용	100	600	371	473	27	-	-	Good	0.1504	0.007	0.475	0.0141	0.0035	SP25028	
8	60 x 60	1.6	6.0	사전승인용	64	384	381	486	26	-	-	Good	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
9	60 x 60	2.3	6.0	사전승인용	64	384	392	490	25	-	-	Good	0.1442	0.008	0.499	0.0127	0.0028	SP26037	
10	60 x 60	3.2	6.0	사전승인용	64	384	382	492	27	-	-	Good	0.1696	0.007	0.284	0.0084	0.0030	SQ92944	
11	75 x 75	1.6	6.0	사전승인용	36	216	381	484	26	-	-	Good	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
12	75 x 75	2.3	6.0	사전승인용	36	216	378	479	26	-	-	Good	0.1412	0.005	0.493	0.0112	0.0027	SQ86615	
13	75 x 75	3.2	6.0	사전승인용	36	216	388	483	27	-	-	Good	0.1516	0.005	0.502	0.0108	0.0037	SP15837	
14	75 x 75	4.5	6.0	사전승인용	36	216	387	482	26	-	-	Good	0.1829	0.003	0.437	0.0114	0.0036	SP34955	
15	100 x 100	2.3	6.0	사전승인용	25	150	388	491	24	-	-	Good	0.1508	0.008	0.496	0.0099	0.0024	SQ82071	
16	100 x 100	3.2	6.0	사전승인용	25	150	397	492	25	-	-	Good	0.1754	0.007	0.310	0.0067	0.0045	SP76570	
17	100 x 100	4.0	6.0	사전승인용	25	150	378	489	26	-	-	Good	0.1732	0.006	0.336	0.0087	0.0032	SP32132	
18	100 x 100	4.5	6.0	사전승인용	25	150	371	479	25	-	-	Good	0.1782	0.006	0.303	0.0117	0.0035	SP32132	
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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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

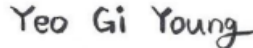
DATE OF DELIVERY :

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		
19	100 x 100	6.0	6.0	사전승인용	25	150	372	474	25	-	-	Good	0.1759	0.007	0.471	0.0127	0.0036	SU21620	
20	125 x 125	3.2	6.0	사전승인용	16	96	389	482	27	-	-	Good	0.1696	0.007	0.284	0.0084	0.0030	SQ92944	
21	125 x 125	4.5	6.0	사전승인용	16	96	386	491	26	-	-	Good	0.1829	0.003	0.437	0.0114	0.0036	SP34955	
22	125 x 125	6.0	6.0	사전승인용	16	96	387	489	23	-	-	Good	0.1744	0.009	0.493	0.0100	0.0027	SQ87565	
23	125 x 125	9.0	6.0	사전승인용	16	96	368	472	23	-	-	Good	0.1727	0.011	0.480	0.0122	0.0019	SQ80565	
24	150 x 150	4.5	6.0	사전승인용	12	72	374	480	26	-	-	Good	0.1526	0.013	0.286	0.0090	0.0022	SQ92311	
25	150 x 150	5.0	6.0	사전승인용	12	72	385	489	26	-	-	Good	0.1782	0.008	0.412	0.0106	0.0025	SQ88725	
26	150 x 150	6.0	6.0	사전승인용	12	72	370	472	26	-	-	Good	0.1747	0.007	0.448	0.0115	0.0031	SP32125	
27	150 x 150	9.0	6.0	사전승인용	12	72	374	480	24	-	-	Good	0.1736	0.008	0.490	0.0131	0.0022	SQ80551	
28	175 x 175	4.5	6.0	사전승인용	9	54	378	482	25	-	-	Good	0.1743	0.006	0.298	0.0105	0.0038	SP32136	
29	175 x 175	5.0	6.0	사전승인용	9	54	368	479	26	-	-	Good	0.1831	0.005	0.365	0.0074	0.0023	SQ88742	
30	175 x 175	6.0	6.0	사전승인용	9	54	374	478	25	-	-	Good	0.1725	0.005	0.463	0.0115	0.0036	SP34957	
31	200 x 200	4.5	6.0	사전승인용	6	36	375	483	24	-	-	Good	0.1743	0.006	0.298	0.0105	0.0038	SP32136	
32	200 x 200	5.0	6.0	사전승인용	6	36	377	469	26	-	-	Good	0.1756	0.006	0.445	0.0102	0.0031	SU12372	
33	200 x 200	6.0	6.0	사전승인용	6	36	371	482	23	-	-	Good	0.1793	0.006	0.333	0.0120	0.0055	SP34949	
34	200 x 200	9.0	6.0	사전승인용	6	36	383	471	24	-	-	Good	0.1768	0.007	0.486	0.0124	0.0054	SU21624	
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. 					

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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

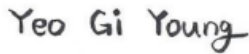
SHIPPER : 동아스틸㈜

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	%	-	0.05	0.05
1	19 x 19	1.4	6.0	사전승인용	180	1,080	302	405	26	-	-	Painted	0.0792	0.005	0.286	0.0099	0.0040	SQ40684						
2	25 x 25	1.4	6.0	사전승인용	120	720	296	408	25	-	-	Painted	0.0779	0.007	0.289	0.0118	0.0064	SQ40686						
3	30 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	40 x 40	1.4	6.0	사전승인용	120	720	311	409	24	-	-	Painted	0.0793	0.009	0.441	0.0071	0.0035	SQ87888						
5	50 x 50	1.4	6.0	사전승인용	120	720	296	390	25	-	-	Painted	0.0400	0.030	0.110	0.0250	0.0020	E24504371						
6	60 x 60	1.4	6.0	사전승인용	100	600	314	402	25	-	-	Painted	0.0400	0.020	0.110	0.0190	0.0020	E24501242						
7	75 x 75	1.4	6.0	사전승인용	100	600	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	TS	EL				C	Si	Mn	P	S							
																				N/mm2	%	-	0.04	0.04
1	25 x 25	2.0	6.0	사전승인용	180	1,080	372	496	25	-	-	Painted	0.2030	0.010	0.204	0.0101	0.0077	SP97517						
2	30 x 30	2.0	6.0	사전승인용	120	720	382	501	24	-	-	Painted	0.2143	0.011	0.225	0.0154	0.0077	SP00606						
3	30 x 30	2.9	6.0	사전승인용	120	720	396	502	24	-	-	Painted	0.1700	0.013	0.340	0.0190	0.0140	24ND2829						
4	40 x 40	2.0	6.0	사전승인용	120	720	380	495	25	-	-	Painted	0.2050	0.012	0.217	0.0153	0.0106	SP10665						
5	40 x 40	2.9	6.0	사전승인용	120	720	401	503	23	-	-	Painted	0.1700	0.010	0.350	0.0170	0.0100	25LD2206						
6	50 x 50	2.0	6.0	사전승인용	100	600	379	497	26	-	-	Painted	0.2090	0.013	0.236	0.0202	0.0101	SP12278						
7	50 x 50	2.9	6.0	사전승인용	100	600	393	495	24	-	-	Painted	0.1600	0.012	0.330	0.0220	0.0100	24LD6332						
8	50 x 50	4.0	6.0	사전승인용	100	600	402	499	25	-	-	Painted	0.1700	0.010	0.310	0.0190	0.0070	25ND2035						
9	50 x 50	4.2	6.0	사전승인용	100	600	381	493	25	-	-	Painted	0.1600	0.020	0.380	0.0150	0.0090	14221030						
10	50 x 50	5.7	6.0	사전승인용	100	600	385	490	23	-	-	Painted	0.1700	0.020	0.350	0.0200	0.0080	25MD2670						
11	60 x 60	2.0	6.0	사전승인용	64	384	401	483	26	-	-	Painted	0.1500	0.011	0.490	0.0140	0.0060	33166573						
12	60 x 60	2.9	6.0	사전승인용	64	384	382	493	24	-	-	Painted	0.2122	0.012	0.237	0.0117	0.0081	SP03291						
13	60 x 60	4.0	6.0	사전승인용	64	384	375	490	26	-	-	Painted	0.2013	0.009	0.230	0.0127	0.0081	SP95829						
14	60 x 60	4.2	6.0	사전승인용	64	384	386	492	23	-	-	Painted	0.1500	0.014	0.328	0.0160	0.0088	14221032						
15	60 x 60	5.7	6.0	사전승인용	64	384	374	466	23	-	-	Painted	0.1600	0.020	0.340	0.0170	0.0070	24MD6148						
16	75 x 75	2.0	6.0	사전승인용	36	216	382	495	25	-	-	Painted	0.2063	0.010	0.206	0.0096	0.0128	SP12146						
17	75 x 75	2.9	6.0	사전승인용	36	216	374	491	26	-	-	Painted	0.2063	0.012	0.233	0.0112	0.0097	SP98522						
18	75 x 75	4.0	6.0	사전승인용	36	216	394	472	25	-	-	Painted	0.1400	0.009	0.460	0.0110	0.0090	33166566						

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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증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(CL PIPE)

CL PIPE CME 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

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 %			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.) C Si Mn P S					제강번호 Heat No. (Coil No.)	비 고 Remarks
							275	410	23				0.25	-	-	0.04	0.04		
19	75 x 75	4.2	6.0	사전승인용	36	216	385	473	26	-	-	Painted	0.1400	0.009	0.460	0.0110	0.0090	33166566	
20	75 x 75	5.7	6.0	사전승인용	36	216	375	471	26	-	-	Painted	0.1700	0.010	0.330	0.0190	0.0100	24MD2700	
21	100 x 100	2.0	6.0	사전승인용	25	150	393	506	24	-	-	Painted	0.2133	0.013	0.267	0.0182	0.0072	SP00603	
22	100 x 100	2.9	6.0	사전승인용	25	150	379	492	26	-	-	Painted	0.2124	0.013	0.220	0.0102	0.0096	SP05880	
23	100 x 100	4.0	6.0	사전승인용	25	150	389	495	24	-	-	Painted	0.1837	0.008	0.444	0.0100	0.0047	SP77706	
24	100 x 100	4.2	6.0	사전승인용	25	150	394	488	23	-	-	Painted	0.1700	0.014	0.340	0.0250	0.0140	24MD1903	
25	100 x 100	5.7	6.0	사전승인용	25	150	369	478	24	-	-	Painted	0.2003	0.010	0.234	0.0161	0.0087	SP98647	
26	125 x 125	2.9	6.0	사전승인용	16	96	383	495	25	-	-	Painted	0.2094	0.010	0.226	0.0138	0.0074	SP05128	
27	125 x 125	4.0	6.0	사전승인용	16	96	385	504	26	-	-	Painted	0.2206	0.014	0.255	0.0223	0.0087	SP92803	
28	125 x 125	4.2	6.0	사전승인용	16	96	374	486	27	-	-	Painted	0.2089	0.009	0.238	0.0105	0.0092	SP98661	
29	125 x 125	5.7	6.0	사전승인용	16	96	392	488	23	-	-	Painted	0.1600	0.010	0.360	0.0190	0.0110	14221022	
30	125 x 125	8.7	6.0	사전승인용	16	96	379	486	24	-	-	Painted	0.1700	0.020	0.550	0.0160	0.0060	25ND2474	
31	150 x 150	4.0	6.0	사전승인용	12	72	408	501	25	-	-	Painted	0.1700	0.010	0.330	0.0190	0.0120	25LD2201	
32	150 x 150	4.2	6.0	사전승인용	12	72	388	479	25	-	-	Painted	0.1300	0.006	0.450	0.0130	0.0130	34220401	
33	150 x 150	5.7	6.0	사전승인용	12	72	381	483	23	-	-	Painted	0.1700	0.014	0.350	0.0180	0.0150	24ND2688	
34	150 x 150	8.7	6.0	사전승인용	12	72	371	485	24	-	-	Painted	0.1786	0.009	0.447	0.0126	0.0077	SQ64149	
35	200 x 200	4.2	6.0	사전승인용	6	36	383	481	26	-	-	Painted	0.1600	0.010	0.340	0.0140	0.0050	14235229	
36	200 x 200	5.7	6.0	사전승인용	6	36	396	487	23	-	-	Painted	0.1500	0.010	0.340	0.0160	0.0050	14235222	
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

증명서번호

CERTIFICATE NO : 사전승인용

제 품 명

COMMODITY : 일반구조용각형강관(HR PIPE)

UP DIPE DMF CRT075

제 품 규 격

SPECIFICATION : DOSCO 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)

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 N/mm2	TS %	EL %				C	Si	Mn	P	S		
37	200 x 200	8.7	6.0	사전승인용	6	36	368	483	26	-	-	Painted	0.2113	0.013	0.253	0.0134	0.0036	SQ71902	

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				발 급 일 자													
증명서번호		DOSCO DONG-A STEEL COMPANY				DATE OF ISSUE : 2025. 06. 11.													
CERTIFICATE NO : 사전승인용						계 약 서 번 호													
제 품 명						L/C No. (P/O No.) :													
COMMODITY : 일반구조용각형강관(CL PIPE)						출 하 일 자													
CL PIPE CME 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				수 요 가													
SPECIFICATION : KS D 3568 SRT275						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 Flatteninging 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
1	25 x 25	1.6	6.0	사전승인용	210	1,260	369	475	26	-	-	Painted	0.1672	0.013	0.240	0.0097	0.0008	SR18458	
2	30 x 30	1.6	6.0	사전승인용	180	1,080	373	480	25	-	-	Painted	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
3	40 x 40	1.6	6.0	사전승인용	120	720	381	486	26	-	-	Painted	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
4	40 x 40	2.3	6.0	사전승인용	120	720	382	496	24	-	-	Painted	0.1545	0.007	0.445	0.0098	0.0035	SP41370	
5	50 x 50	1.6	6.0	사전승인용	100	600	373	480	25	-	-	Painted	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
6	50 x 50	2.3	6.0	사전승인용	100	600	401	511	23	-	-	Painted	0.1479	0.011	0.672	0.0107	0.0066	SP98284	
7	50 x 50	3.2	6.0	사전승인용	100	600	373	489	24	-	-	Painted	0.1725	0.007	0.446	0.0100	0.0059	SU29297	
8	60 x 60	1.6	6.0	사전승인용	64	384	381	486	26	-	-	Painted	0.1710	0.016	0.238	0.0131	0.0008	SR18456	
9	60 x 60	2.3	6.0	사전승인용	64	384	387	495	24	-	-	Painted	0.1522	0.008	0.660	0.0104	0.0063	SQ68708	
10	60 x 60	3.2	6.0	사전승인용	64	384	393	495	23	-	-	Painted	0.1826	0.006	0.458	0.0079	0.0056	SQ49616	
11	75 x 75	1.6	6.0	사전승인용	36	216	381	484	26	-	-	Painted	0.1683	0.014	0.256	0.0146	0.0010	SR18454	
12	75 x 75	2.3	6.0	사전승인용	36	216	392	503	24	-	-	Painted	0.1487	0.012	0.658	0.0086	0.0066	SP98387	
13	75 x 75	3.2	6.0	사전승인용	36	216	388	483	27	-	-	Painted	0.1478	0.009	0.654	0.0098	0.0063	SP07021	
14	75 x 75	4.5	6.0	사전승인용	36	216	389	502	24	-	-	Painted	0.2050	0.011	0.243	0.0130	0.0091	SP95832	
15	100 x 100	2.3	6.0	사전승인용	25	150	385	486	26	-	-	Painted	0.1560	0.006	0.454	0.0090	0.0043	SP79851	
16	100 x 100	3.2	6.0	사전승인용	25	150	375	489	25	-	-	Painted	0.1888	0.010	0.440	0.0119	0.0061	SP05088	
17	100 x 100	4.0	6.0	사전승인용	25	150	388	492	24	-	-	Painted	0.2050	0.011	0.243	0.0130	0.0097	SP95832	
18	100 x 100	4.5	6.0	사전승인용	25	150	386	497	25	-	-	Painted	0.1600	0.010	0.350	0.0140	0.0100	13440052	
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				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 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					재강번호 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	100 x 100	6.0	6.0	사전승인용	25	150	375	491	23	-	-	Painted	0.2003	0.010	0.234	0.0161	0.0087	SP98647	
20	125 x 125	3.2	6.0	사전승인용	16	96	372	488	26	-	-	Painted	0.1451	0.008	0.669	0.0160	0.0071	SP95410	
21	125 x 125	4.5	6.0	사전승인용	16	96	375	490	25	-	-	Painted	0.2089	0.009	0.238	0.0105	0.0092	SP98661	
22	125 x 125	6.0	6.0	사전승인용	16	96	370	492	23	-	-	Painted	0.1935	0.005	0.432	0.0111	0.0040	SP02118	
23	125 x 125	9.0	6.0	사전승인용	16	96	362	487	24	-	-	Painted	0.2113	0.013	0.253	0.0134	0.0036	SQ71902	
24	150 x 150	4.5	6.0	사전승인용	12	72	392	497	24	-	-	Painted	0.1800	0.010	0.340	0.0160	0.0120	25ND2089	
25	150 x 150	5.0	6.0	사전승인용	12	72	379	495	25	-	-	Painted	0.1918	0.009	0.415	0.0127	0.0031	SQ16883	
26	150 x 150	6.0	6.0	사전승인용	12	72	371	480	23	-	-	Painted	0.1700	0.014	0.350	0.0180	0.0150	24ND2688	
27	150 x 150	9.0	6.0	사전승인용	12	72	371	483	23	-	-	Painted	0.1800	0.010	0.530	0.0130	0.0100	25ND1307	
28	175 x 175	4.5	6.0	사전승인용	9	54	388	481	25	-	-	Painted	0.1400	0.012	0.480	0.0130	0.0100	33169650	
29	175 x 175	5.0	6.0	사전승인용	9	54	393	486	26	-	-	Painted	0.1700	0.018	0.330	0.0160	0.0070	24MD6158	
30	175 x 175	6.0	6.0	사전승인용	9	54	388	493	23	-	-	Painted	0.1600	0.020	0.380	0.0140	0.0110	14221031	
31	200 x 200	4.5	6.0	사전승인용	6	36	390	501	25	-	-	Painted	0.1600	0.010	0.350	0.0140	0.0100	13440052	
32	200 x 200	5.0	6.0	사전승인용	6	36	385	479	26	-	-	Painted	0.1400	0.007	0.500	0.0140	0.0090	33169757	
33	200 x 200	6.0	6.0	사전승인용	6	36	385	490	24	-	-	Painted	0.1600	0.010	0.330	0.0170	0.0050	14235220	
34	200 x 200	9.0	6.0	사전승인용	6	36	365	490	23	-	-	Painted	0.2057	0.008	0.251	0.0161	0.0081	SU34633	

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. 			

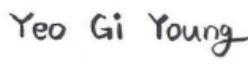
PAGE : 1 / 1			INSPECTION CERTIFICATE			발 급 일 자 DATE OF ISSUE : 2025. 06. 11.													
증명서번호 CERTIFICATE NO : 사전승인용			 DONG-A STEEL COMPANY			계 약 서 번 호 L/C No. (P/O No.) :													
제 품 명 COMMODITY : 일반구조용각형강관(HGI PIPE)						출 하 일 자 DATE OF DELIVERY :													
HGI PIPE GME SRT235			15, Taein 4-gil, Gwangyang-si, Jeollanam-do, Republic of Korea			수 요 가 CUSTOMER : 동아스틸㈜													
제 품 규 격 SPECIFICATION : DOSCO SRT235			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 Quan-tity	총길이 Total Length (M)	인 장 시 험 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	19 x 19	1.4	6.0	사전승인용	180	1,080	340	406	25	-	-	Z10	0.0300	0.080	0.100	0.0110	0.0020	E25404829	T151101929901 E24607230 T2422219410 E24505139 E24401508 T151101930201
2	25 x 25	1.4	6.0	사전승인용	120	720	303	381	26	-	-	Z10	0.0383	0.023	0.210	0.0200	0.0110		
3	30 x 30	1.4	6.0	사전승인용	120	720	342	401	24	-	-	Z10	0.0400	0.060	0.110	0.0210	0.0030		
4	40 x 40	1.4	6.0	사전승인용	120	720	296	388	26	-	-	Z10	0.0410	0.017	0.170	0.0130	0.0120		
5	50 x 50	1.4	6.0	사전승인용	120	720	344	406	25	-	-	Z10	0.0480	0.050	0.120	0.0270	0.0020		
6	60 x 60	1.4	6.0	사전승인용	100	600	347	409	23	-	-	Z10	0.0430	0.040	0.110	0.0210	0.0010		
7	75 x 75	1.4	6.0	사전승인용	100	600	396	395	26	-	-	Z10	0.0387	0.023	0.210	0.0200	0.0110		
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				계약서번호 L/C No. (P/O No.) :															
제품명 COMMODITY : 일반구조용각형강관(HGI PIPE)				출하일자 DATE OF DELIVERY :															
HGI PIPE GME 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)	인장 시험 Tensile Test (Min.)			굽힘시험 Bending Test	편평시험 Flattening Test	표면처리 Surface Treatment	화 학 성 분(%) Chemical Composition (Max.)					재강번호 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	1.4	6.0	사전승인용	210	1,260	382	480	25	-	-	Z10	0.1195	0.012	0.432	0.0145	0.0061	SQ64916	
2	30 x 20	2.0	6.0	사전승인용	180	1,080	403	485	23	-	-	Z10	0.1550	0.009	0.490	0.0130	0.0130	T2522087898	
3	30 x 30	2.9	6.0	사전승인용	180	1,080	381	492	23	-	-	Z10	0.1714	0.015	0.748	0.0127	0.0033	SB79251	
4	40 x 40	2.0	6.0	사전승인용	120	720	379	488	26	-	-	Z10	0.1620	0.016	0.460	0.0150	0.0140	T2522087810	
5	40 x 40	2.9	6.0	사전승인용	120	720	364	471	25	-	-	Z10	0.1130	0.009	0.303	0.0117	0.0053	SQ74581	
6	50 x 50	2.0	6.0	사전승인용	100	600	409	482	24	-	-	Z10	0.1460	0.020	0.460	0.0100	0.0140	T2522087818	
7	50 x 50	2.9	6.0	사전승인용	100	600	378	479	26	-	-	Z10	0.1262	0.007	0.320	0.0114	0.0038	SQ77783	
8	60 x 60	2.0	6.0	사전승인용	64	384	390	484	23	-	-	Z10	0.1191	0.009	0.448	0.0136	0.0094	SQ85044	
9	60 x 60	2.9	6.0	사전승인용	64	384	368	475	26	-	-	Z10	0.1204	0.009	0.343	0.0082	0.0052	SQ74563	
10	75 x 75	2.0	6.0	사전승인용	36	216	386	479	25	-	-	Z10	0.1139	0.005	0.300	0.0076	0.0049	SQ80597	
11	75 x 75	2.9	6.0	사전승인용	36	216	383	483	26	-	-	Z10	0.1190	0.007	0.320	0.0065	0.0037	SQ80581	
12	100 x 100	2.0	6.0	사전승인용	25	150	379	487	25	-	-	Z10	0.1630	0.014	0.480	0.0110	0.0100	T2522087889	
13	100 x 100	2.9	6.0	사전승인용	25	150	382	479	25	-	-	Z10	0.1108	0.005	0.462	0.0076	0.0041	SU35876	
14	100 x 100	4.0	6.0	사전승인용	25	150	371	480	26	-	-	Z10	0.1031	0.003	0.440	0.0080	0.0044	SU36386	
15	125 x 125	4.0	6.0	사전승인용	16	96	368	475	26	-	-	Z10	0.1031	0.003	0.440	0.0080	0.0044	SU36386	
16	150 x 150	4.0	6.0	사전승인용	12	72	374	482	25	-	-	Z10	0.1107	0.007	0.441	0.0120	0.0067	SQ90139	
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 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							

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(HR PIPE)								출하일자 DATE OF DELIVERY :			
HGI PIPE GME 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 Quantity	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	%											
1	25 x 25	1.6	6.0	사전승인용	210	1,260	379	471	25	-	-	Z12	0.1127	0.004	0.301	0.0053	0.0040	SQ90039	
2	30 x 30	1.6	6.0	사전승인용	180	1,080	381	483	24	-	-	Z12	0.1127	0.004	0.301	0.0053	0.0040	SQ90039	
3	40 x 40	1.6	6.0	사전승인용	120	720	385	491	23	-	-	Z12	0.1104	0.012	0.478	0.0175	0.0065	SP06263	
4	40 x 40	2.3	6.0	사전승인용	120	720	389	490	24	-	-	Z12	0.1110	0.007	0.424	0.0110	0.0048	SP00643	
5	50 x 50	1.6	6.0	사전승인용	100	600	380	482	25	-	-	Z12	0.1600	0.020	0.490	0.0120	0.0050	AF31113584501	
6	50 x 50	2.3	6.0	사전승인용	100	600	378	469	26	-	-	Z12	0.1203	0.005	0.411	0.0109	0.0055	SU40513	
7	50 x 50	3.2	6.0	사전승인용	100	600	381	477	26	-	-	Z12	0.1101	0.008	0.434	0.0099	0.0065	SU35875	
8	60 x 60	1.6	6.0	사전승인용	64	384	391	480	25	-	-	Z12	0.1700	0.020	0.550	0.0150	0.0050	AF31112656201	
9	60 x 60	2.3	6.0	사전승인용	64	384	385	476	26	-	-	Z12	0.1177	0.012	0.298	0.0116	0.0064	SQ88920	
10	60 x 60	3.2	6.0	사전승인용	64	384	385	496	24	-	-	Z12	0.1678	0.045	0.726	0.0093	0.0074	SB01440	
11	75 x 75	2.3	6.0	사전승인용	36	216	382	479	26	-	-	Z12	0.1057	0.009	0.440	0.0117	0.0077	SP99232	
12	75 x 75	3.2	6.0	사전승인용	36	216	372	473	26	-	-	Z12	0.1188	0.010	0.297	0.0118	0.0043	SQ64922	
13	100 x 100	2.3	6.0	사전승인용	25	150	374	463	26	-	-	Z12	0.1146	0.005	0.294	0.0092	0.0022	SQ95282	
14	100 x 100	3.2	6.0	사전승인용	25	150	382	483	25	-	-	Z12	0.1146	0.005	0.294	0.0092	0.0022	SQ95282	
15	100 x 100	4.0	6.0	사전승인용	25	150	389	492	24	-	-	Z12	0.1106	0.005	0.424	0.0100	0.0065	SQ96203	
16	125 x 125	3.2	6.0	사전승인용	16	96	393	485	26	-	-	Z12	0.1212	0.009	0.318	0.0134	0.0055	SQ65057	

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 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. 
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