



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea
TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176902
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W S10S TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	-	15A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	20A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	25A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	32A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	40A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	50A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	65A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	80A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	100A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	125A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	150A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	200A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	250A*250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	300A*300A	No Leakage	Client Provided Test Method

- Next Page -

Jeong Hyeondo

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Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik
Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176902

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W S10S TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
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Jeong Hyeondo

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Tel : 02-2092-5908

Mun Jung Sik

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176893

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	—	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

— Next Page —

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Tel : 02-2092-5908

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Report No : TAK-2024-176893

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176894

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	–	15A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	20A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	25A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	32A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	40A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	50A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	65A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	80A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	100A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	125A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	150A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	200A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	250A*250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	300A*300A	No Leakage	Client Provided Test Method

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Prepared by Jeong Hyeondo
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Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176892

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Hot-dipped zinc coating

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Copper Sulfate Test(5 Times)	-	-	No Defects	KS D 0201:2016

- Usage of Report : QUALITY CONTROL

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Lim chan woo

Prepared by Lim chan woo

Tel : 02-2092-3663

Jongmin Lee

Reviewed by Jongmin Lee

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176891

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	652	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	306	KS B 0802:2003
Elongation	%	-	53	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3576:2022
C	%	-	0.06	KS D 1652:2022
Si	%	-	0.39	KS D 1652:2022
Mn	%	-	1.02	KS D 1652:2022
P	%	-	0.036	KS D 1652:2022
S	%	-	0.005	KS D 1652:2022
Ni	%	-	8.03	KS D 1652:2022
Cr	%	-	18.09	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test { Distance between flattening plates(H) = $((1+e)t)/(e+(t/D))$ }, e=0.09

- Usage of Report : QUALITY CONTROL

- Next Page -

Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

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TEST REPORT

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Report No : TAK-2024-176891

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Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea
Report No : TAK-2024-176895
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea
Sample name : Steel butt-welding pipe fittings (SPP REDUCER)

TEL 82-2-2164-0011 FAX 82-2-2634-1008

Receipt Date : 2024.12.11.
Test Completion Date : 2024.12.26.

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	-	20A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	25A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	32A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	40A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	50A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	65A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	80A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	100A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	125A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	150A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	200A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	250A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	300A*250A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉
-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge,then check for leaks.
- Next Page -

Jeong Hyeondo

Prepared by Jeong Hyeondo
Tel : 02-2092-5908

Mun Jung Sik

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Tel : 1577-0091(ARS ①→④)

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Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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- Usage of Report : QUALITY CONTROL

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TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176898
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	-	15A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	20A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	25A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	32A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	40A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	50A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	65A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	80A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	100A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	125A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	150A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	200A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	250A*250A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	300A*300A	No Leakage	Client Provided Test Method

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Tel : 02-2092-5908

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Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176899 Receipt Date : 2024.12.11.
Representative : Lee Sang-heon Test Completion Date : 2024.12.26.
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	–	20A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	25A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	32A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	40A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	50A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	65A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	80A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	100A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	125A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	150A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	200A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	250A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	300A*250A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

–Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge,then check for leaks.

– Next Page –

Jeong Hyeondo

Prepared by Jeong Hyeondo
Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik
Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176899

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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- Usage of Report : QUALITY CONTROL

- Note : 1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea
TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176900
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380 S40 CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	-	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	300A	No Leakage	Client Provided Test Method

- Next Page -

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176900

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380 S40 CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
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Jeong Hyeondo

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea
TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176896
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	-	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	300A	No Leakage	Client Provided Test Method

- Next Page -

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176896

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176897 Receipt Date : 2024.12.11.
Representative : Lee Sang-heon Test Completion Date : 2024.12.26.
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	–	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	300A	No Leakage	Client Provided Test Method

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176897

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W S40 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176890

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	486	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	372	KS B 0802:2003
Elongation	%	-	36	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3562:2022
C	%	-	0.19	KS D 1652:2022
Si	%	-	0.01	KS D 1652:2022
Mn	%	-	0.47	KS D 1652:2022
P	%	-	0.012	KS D 1652:2022
S	%	-	0.003	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test

Weld (Distance between the plates(H) = $\frac{2}{3}$ D)Other than welding (Distance between the plates(H) = $\frac{1}{3}$ D)

- Usage of Report : QUALITY CONTROL

- Next Page -

Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176890

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176888

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	404	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	273	KS B 0802:2003
Elongation	%	-	42	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3507:2023
C	%	-	0.14	KS D 1652:2022
Si	%	-	0.01	KS D 1652:2022
Mn	%	-	0.39	KS D 1652:2022
P	%	-	0.011	KS D 1652:2022
S	%	-	0.010	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test (Distance between flattening plates(H) = $\frac{2}{3}$ D)

- Usage of Report : QUALITY CONTROL

- Next Page -

Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176888

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176889

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPPG)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	410	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	304	KS B 0802:2003
Elongation	%	-	37	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3631:2020
C	%	-	0.14	KS D 1652:2022
Si	%	-	0.01	KS D 1652:2022
Mn	%	-	0.69	KS D 1652:2022
P	%	-	0.011	KS D 1652:2022
S	%	-	0.011	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test

The portion other than the weld : (Distance between flattening plates(H) = $\frac{1}{3}$ D)Either the weld : (Distance between flattening plates(H) = $\frac{2}{3}$ D)

- Usage of Report : QUALITY CONTROL

- Next Page -

Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176889

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPPG)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176869

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Rolled steels for general structure (SS275)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	430	KS B 0802 : 2003
Yield Point	N/mm ²	-	285	KS B 0802 : 2003
Elongation	%	-	36	KS B 0802 : 2003
C	%	-	0.18	KS D 1652:2022
Si	%	-	0.23	KS D 1652:2022
Mn	%	-	0.67	KS D 1652:2022
P	%	-	0.016	KS D 1652:2022
S	%	-	0.014	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.2)

- Usage of Report : QUALITY CONTROL

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Park Geon sik

Prepared by Park Geon sik

Tel : 02-2092-3642

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea
TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TAK-2024-176904
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304 S10S CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	-	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	-	300A	No Leakage	Client Provided Test Method

- Next Page -

Jeong Hyeondo

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Mun Jung Sik

Reviewed by Mun Jung Sik
Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176904

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304 S10S CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
 2. This test report shall be used only within the purpose of its defined usage and shall not be used for public relation, advertisement and lawsuit.
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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176903

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W S10S REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	—	20A*15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	25A*20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	32A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	40A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	50A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	65A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	80A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	100A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	125A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	150A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	200A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	250A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	—	300A*250A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

— Next Page —

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Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W S10S REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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- Usage of Report : QUALITY CONTROL

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Report No : TAK-2024-176901
Representative : Lee Sang-heon
Company name : NEW ASIA CO., LTD.
Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Receipt Date : 2024.12.11.
Test Completion Date : 2024.12.26.

Sample name : Steel butt-welding pipe fittings (STS 304W S10S 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(3.9 MPa × 1 h)	–	15A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	20A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.9 MPa × 1 h)	–	300A	No Leakage	Client Provided Test Method

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Report No : TAK-2024-176901

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W S10S 90° ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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〈Hydrostatic Test〉

-Hold the water pressure at 3.9 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note :
1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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