

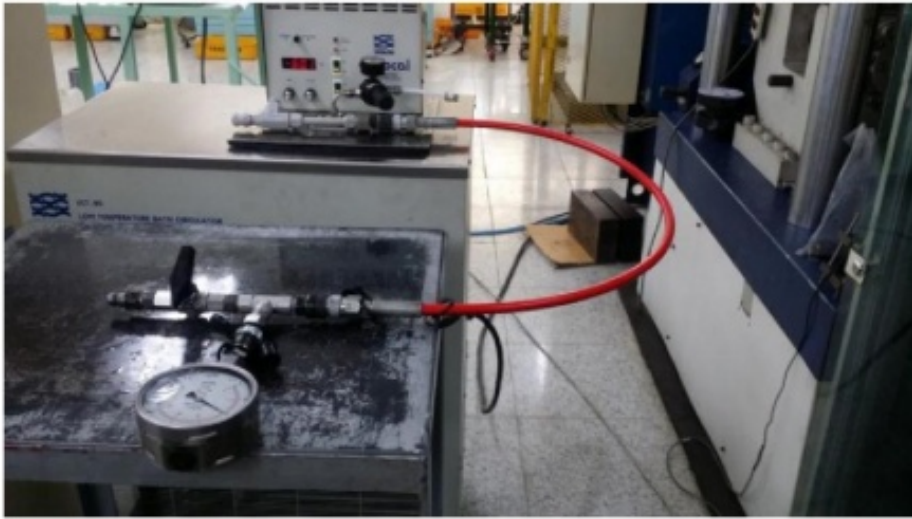


Test Report No. HSTR160225-01

Feb. 25, 2016

CUSTOMER	HSME Russia	PO NO. PO NO.	N/A						
PROJECT NAME НАЗВАНИЕ ПРОЕКТА	N/A	PROJECT NO. Проект №.	N/A						
ITEM NAME	Relief Valve	MATERIAL МАТЕРИАЛ	SS316						
TEST RESULT									
LEAKAGE TEST		CRACKING & RESEAL PRESSURE TEST							
<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> AIR	<input type="checkbox"/> WATER	<input type="checkbox"/> OIL						
<input type="checkbox"/> NITROGEN	<input type="checkbox"/> AIR	<input type="checkbox"/> WATER	<input type="checkbox"/> OIL						
Test Pressure : 100 bar		Test Pressure : Setting Pressure: 120 bar							
Test Temperature : -60 °C		Test Temperature : -60 °C							
Holding Time : 8 Hrs		Holding Time : N/A							
Result : ACCEPT		Result : ACCEPT (Cracking: 118 bar, Reseal: 107 bar (91%))							
Test Bench: 1. Item <table border="1"> <thead> <tr> <th>No. №.</th> <th>Description & Part No. Описание и Part No.</th> <th>Q' ty Q' ти</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>VR6 Series Relief Valve /VR6-A8T-RS4-SS</td> <td>1</td> </tr> </tbody> </table> 2. Pressure Gauge - Range : 0~34.323 Mpa - Serial No. : P131203-3 - Calibration Date : 2016.12.23		No. №.	Description & Part No. Описание и Part No.	Q' ty Q' ти	1	VR6 Series Relief Valve /VR6-A8T-RS4-SS	1	Bench Sketch: <p>The diagram shows a schematic of the test setup. On the left, a vertical rectangle represents the 'PRESSURE PUMP'. A horizontal line connects it to an oval labeled 'ACCUMULATOR'. From the accumulator, a line goes to a valve. After the valve, the line continues to a vertical rectangle labeled 'ITEM'. A 'PRESSURE GAUGE' is connected to the line between the valve and the item. The 'ITEM' is shown as a small square with a downward arrow pointing to it, indicating it is submerged in a 'LOW TEMPERATURE BATH'.</p>	
No. №.	Description & Part No. Описание и Part No.	Q' ty Q' ти							
1	VR6 Series Relief Valve /VR6-A8T-RS4-SS	1							
Note: 1. Visual Inspection : GOOD									
Tested & Inspected by: S.J.Yoo		Approved by: (QA Dept Manager) S.T.Hwang							

Test Photos





Test Report
No. HSTR160222-01

Feb. 22, 2016

CUSTOMER	HSME Russia	PO NO.	N/A						
PROJECT NAME	N/A	PROJECT NO.	N/A						
ITEM NAME	Dielectric Fitting	MATERIAL	SS316						
TEST RESULT									
LEAKAGE TEST									
<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> AIR	<input type="checkbox"/> WATER	<input type="checkbox"/> OIL						
Test Pressure : 120 bar									
Test Temperature : -60 η									
Holding Time : 8 Hrs									
Result : ACCEPT									
Test Bench: 1. Item <table border="1"> <thead> <tr> <th>No.</th> <th>Description & Part No.</th> <th>Q' ty</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AEU Dielectric Fitting 12M /AEU-A12M-SS</td> <td>1</td> </tr> </tbody> </table>		No.	Description & Part No.	Q' ty	1	AEU Dielectric Fitting 12M /AEU-A12M-SS	1	Bench Sketch: 	
No.	Description & Part No.	Q' ty							
1	AEU Dielectric Fitting 12M /AEU-A12M-SS	1							
2. Pressure Gauge - Range : 0~34.323 Mpa - Serial No. : P131203-3 - Calibration Date : 2016.12.23									
Note: 1. Visual Inspection : GOOD									
Tested & Inspected by: S.J.Yoo		Approved by: (QA Dept Manager) S.T.Hwang							

Test Photos





Test Report No. HSTR160123-01

Feb. 23, 2016

CUSTOMER	HSME Russia	PO NO.	N/A						
PROJECT NAME	N/A	PROJECT NO.	N/A						
ITEM NAME	Check Valve	MATERIAL	SS316						
TEST RESULT									
LEAKAGE TEST		CRACKING PRESSURE TEST							
<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> AIR	<input type="checkbox"/> WATER	<input type="checkbox"/> OIL						
<input type="checkbox"/> NITROGEN	<input type="checkbox"/> AIR	<input type="checkbox"/> WATER	<input type="checkbox"/> OIL						
Test Pressure : 120 bar		Test Pressure : Up to 0.28 bar							
Test Temperature : -60 η		Test Temperature : -60 η							
Holding Time : 8 Hrs		Holding Time : N/A							
Result : ACCEPT		Result : ACCEPT (0.08 bar)							
Test Bench: 1. Item <table border="1"> <thead> <tr> <th>No. Нет.</th> <th>Description & Part No. Описание и Part No.</th> <th>Q' ty Q 'ти</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>VC3 Series Check Valve / VC3E-A12T-1-SS</td> <td>1</td> </tr> </tbody> </table> 2. Pressure Gauge - Range : 0~34.323 Mpa - Serial No. : P131203-3 - Calibration Date : 2016.12.23		No. Нет.	Description & Part No. Описание и Part No.	Q' ty Q 'ти	1	VC3 Series Check Valve / VC3E-A12T-1-SS	1	Bench Sketch: <pre> graph LR PP[PRESSURE PUMP] --> ACC[ACCUMULATOR] ACC --> VALVE[Valve] VALVE --> PG[PRESSURE GAUGE] PG --> ITEM[ITEM] ITEM --> BTB[LOW TEMPERATURE BATH] </pre>	
No. Нет.	Description & Part No. Описание и Part No.	Q' ty Q 'ти							
1	VC3 Series Check Valve / VC3E-A12T-1-SS	1							
Note: 1. Visual Inspection : GOOD									
Tested & Inspected by: S.J.Yoo <i>[Signature]</i>		Approved by: (QA Dept Manager) S.T.Hwang <i>[Signature]</i>							

Test Photos

