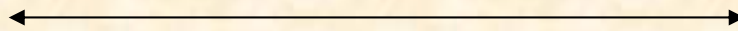


**Fugitive Emission Test Report**  
**ANSI/ISA S93.00.01**

*Performed for*

**ViNtrol, Inc.**

[www.vintrol.com](http://www.vintrol.com)



6 inch Class 600 FB 3-Piece  
Trunnion-mounted Ball Valve  
Product Code: 5610-41614599A1

Project Number: 212173  
October 2012

*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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**Yarmouth Research and Technology, LLC**

**Fugitive Emission Test Data Sheet**

<b>Customer:</b> ViNtrol, Inc.	<b>Date:</b> 10/26/2012
<b>Project #:</b> 212173	
<b>Product Description:</b> 6" FB Class 600, 3 PC, Raised Face, Trunnion Mtd. Ball Valve	
<b>Product Code:</b> 5610-41614599A1	<b>Packing:</b> HNBR
<b>Assy Drawing:</b> GA06600	
<b>Sample Supplied by:</b> Customer	
<b>Packing Nut Torque:</b> as received	

*Test Conditions*

<b>Test Standard:</b> ANSI/ISA S93-1999
<b>Test Media:</b> 99% min. Methane
<b>Mounting Position:</b> Stem and Bore Horizontal
<b>Leakage Device:</b> Foxboro OVA-128
<b>Cycling Rate:</b> 1 cycle per 30 seconds

*Results*

Valve Classification					
Test	Pressure	Max. Leak	Mechanical	Thermal	# of
Temp - F	Rating-Cl	Rate - PPMv	Cycles	Cycles	Adjustments
300	600	50	3000	3	0

**Note:** Highest recorded leakage was 5 PPMv.



**Witnessed:**  
\_\_\_\_\_  
President and Manager  
Yarmouth Research and Technology, LLC



# Yarmouth Research and Technology, LLC

## *Test Data Summary - Stem Seal*

<i>Cycle Number</i>	<i>Nom.Temp (F)</i>	<i>Stem Leakage - PPM</i>		<i>Packing Retorque</i>	<i>Actuator Pressure</i>
		<i>Avg.</i>	<i>Max.</i>	<i>See Notes</i>	<i>(psig)</i>
10	70	3	3		60
125	70	0	0		60
250	300	0	0		60
750	300	1	1		60
875	70	2	2		60
1,000	70	2	3		60
1,125	70	2	2		60
1,250	300	3	3		60
1,750	300	1	1		60
1,875	70	2	2		60
2,000	70	3	3		60
2,125	70	2	2		60
2,250	300	4	4		60
2,750	300	1	2		60
2,875	70	2	2		60
3,000	70	5	5		60
Maximum Leakage:		<b>5</b>	<b>5</b>		<b>60</b>
Maximum Allowable:		<b>50</b>	<b>50</b>		

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**Static Leakage Chart  
Maximum Reading**

