

VRG Controls' VPC Series Valve Pressure Controllers Surpass EPA Emissions Requirements


RELEASE DATE: 03/06/15
PRODUCTS AFFECTED: All VPC Valve Pilot Controllers (Pneumatic Pressure Controllers)
MORE INFORMATION: sales@vrgcontrols.com or Your Local VRG Controls sales representative

The following statements reference U.S. Environmental Protection Agency (EPA) Oil and Natural Gas Sector: New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants Reviews 40 CFR Part 60 Subpart 0000, 60.5390 (b)(c) and with 40 CFR Part 98 Subpart W table W-1A.

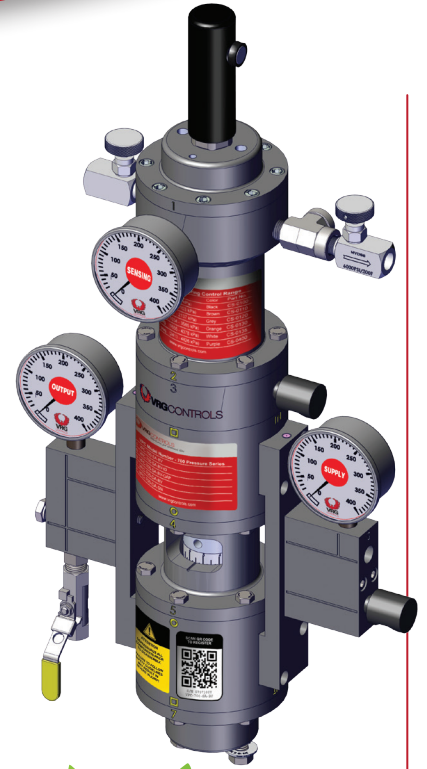
EPA STANDARD

As of August 23, 2011, the EPA has mandated that operating companies comply with NSPS 40 CFR Part 60 Subpart 0000 and 40 CFR Part 98 Subpart W as published in the Federal Register. The key criterion for compliance mandates that controllers must have a bleed rate no greater than 6.0 scfh. VRG Controls pneumatic pressure controller published rates for "Low or No-Bleed Pneumatic Devices" are included in the information presented below:

VRG CONTROLS PUBLISHED RATES FOR VALVE PRESSURE CONTROLLER EMISSIONS

	MODEL	TYPE	EPA EMISSIONS REQUIREMENTS ¹	VRG RESULTS	STATUS
	VPC-SA-BV	Single Acting Throttling	< 6.0 scfh	ZERO ^{2,4}	Surpass EPA Requirements
	VPC-SA-BV-ID	Single Acting Throttling	< 6.0 scfh	ZERO ^{2,4}	Surpass EPA Requirements
	VPC-SA-BV-GAP	Single Acting On-Off	< 6.0 scfh	ZERO ²	Surpass EPA Requirements
	VPC-DA-BV	Double Acting Throttling	< 6.0 scfh	ZERO ^{3,4}	Surpass EPA Requirements
	VPC-DA-SN	Double Acting Throttling	< 6.0 scfh	ZERO ^{3,4}	Surpass EPA Requirements

1. EPA Emissions Standards at Steady State
 2. ZERO Steady State Emissions, All Positions
 3. ZERO Emissions at Full Open / Full Closed w/ No-Vent Device
 4. No Atmospheric Emissions When Discharge to Pressure System Enabled



VRG CONTROLS
Engineers and manufacturers high performance pilot-type pneumatic pressure controllers and accessories for use with natural gas control valves.

VRG Valve Pilot Controllers represent the next generation of pilot-type controllers for gas pressure control applications. Our personnel lead the industry in pilot-controller technology development with performance and operational advancements that set them apart from the competition.

Contact the VRG Controls team to help you improve the performance of your natural gas regulation and control facilities while minimizing environmental impact.



VRG Controls' Control Valve Positioners Surpass EPA Emissions Requirements


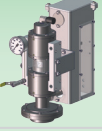

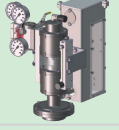

RELEASE DATE: 03/06/15
PRODUCTS AFFECTED: All Control Valve Positioners Used and Manufactured by VRG Controls
MORE INFORMATION: sales@vrgcontrols.com or Your Local VRG Controls sales representative

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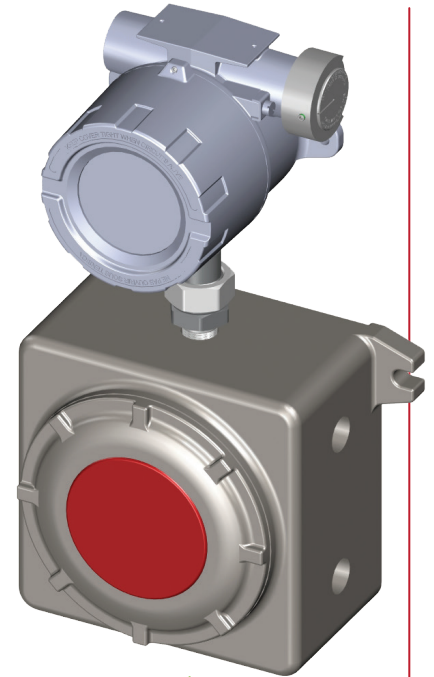
EPA STANDARD

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VRG CONTROLS PUBLISHED RATES FOR CONTROL VALVE POSITIONER EMISSIONS

MODEL	TYPE	EPA EMISSIONS REQUIREMENTS ¹	VRG RESULTS	STATUS
 RCVC Red Circle Valve Positioner	Electro-Pneumatic Double Acting and Single Acting	< 6.0 scfh	ZERO ^{2,4}	Surpass EPA Requirements
 VGP-100-SA-BV Valve Gas Positioner	Pneumatic Single Acting	< 6.0 scfh	ZERO ^{2,4}	Surpass EPA Requirements
 VGP-100-DA-BV Valve Gas Positioner	Pneumatic Double Acting	< 6.0 scfh	ZERO ²	Surpass EPA Requirements
 VGP-100-DA-SN Valve Gas Positioner	Pneumatic Double Acting	< 6.0 scfh	ZERO ^{3,4}	Surpass EPA Requirements
 PMV D3G Valve Positioner	Electro-Pneumatic Double Acting and Single Acting	< 6.0 scfh	ZERO ²	Surpass EPA Requirements

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Contact the VRG Controls team to help you improve the performance of your natural gas regulation and control facilities while minimizing environmental impact.



VRG Controls internal laboratory testing and in field verification at customer sites has confirmed VRG published rates exceed EPA mandates for reduction of emissions.

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