

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-14

Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Valina, Inc.
"Series 12200 Three-way Catalytic Converter"

WHEREAS, Vehicle Code Sections 27156 and 38395, and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(h), authorize the California Air Resources Board and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions of Vehicle Code Section 27156 and 38391.

WHEREAS, Valina, Inc. (Valina) of 4560 Worth Street, Los Angeles, California 90069, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 and 38391 to market its new aftermarket Series 12200 three-way catalytic converter (TWC) on selected 1996 through 2003 GM medium-duty vehicles (MDV) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-14 and incorporated herein. Series 12200 TWC will be used for dual parallel (2 units) catalytic converter system applications for the selected GM trucks. This catalytic converter is to be sold as a universal or direct fit system.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Umicore Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours, as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Valina, Inc. using a 1999 5.7L Chevrolet Suburban truck equipped with dual exhaust system, and certified to Low Emission Vehicle (LEV) standards and medium-duty vehicle (MDV) weight classification showed that the vehicle met applicable emission standards for LEV/MDV2 with Series 12200 (2 units) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 12200 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
120K Standards	0.230	6.4	0.6
Series 12200 Test 1	0.206	4.4	0.5
Series 12200 Test 2	0.217	5.2	0.6

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s 12200 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-14 subject to the following conditions:

1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter as individual devices.
3. Any oral or written references to this Executive Order or its content by Valina, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Valina, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converter shall not cause the relocation of an oxygen sensor. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converter must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Valina, Inc. and its vendors may not advertise the new aftermarket catalytic converter as "high flow or easy flow" catalytic converter or use any phrase that could make them appear to perform better than the original equipment manufacturer (OEM) catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by the Air Resources Board prior to shipment.
9. Valina, its associates, vendors, other businesses, and individuals associated with Valina, may not sell or supply new aftermarket catalytic converter substrates to a


third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.

10. Valina, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis, starting with periods covering January 1 through March 31, 2009 and January 1 through June 30, 2009, respectively.
12. Valina, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.
13. Valina, Inc.'s vehicle application catalog must conform with the requirements as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Order D-562-3 dated April 27, 2006, is hereby superseded and of no further force and effect.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-day written notice of intention to revoke it, during which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within 30 days of receipt of the request, and the order may not be revoked until a determination is made, after the hearing, that grounds for revocation exist.

Executed at El Monte, California, this 19th day of December 2008.


Annette Hebert, Chief
Mobile Source Operations Division

Appendix # D-562-14

VALINA INC. - GMC DUAL EXHAUST 12200 ODB II CONVERTER APPLICATION

No.	Model Year	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Monitored	Converter Type	Universal	Direct Fit									
1	1996	VAN G2500/G3500	8	5.7L	TGM5.75PGFEK		MDV3															
		PU 1500/2500 2WD/4WD	8																			
2		SUBURBAN/TAHOE/ESCALADE	8																			
		PU 3500 2WD	8																			
3		PU 3500 4WD	8		TGM5.7JPG1EK																	
4		VAN G2500/G3500	8	7.4L	TGM7.4J8G1EK																	
	SUBURBAN/TAHOE/ESCALADE	8																				
	PU 2500/3500 2WD/4WD	8																				
5		SUBURBAN/TAHOE/ESCALADE	8																			
	PU 1500/2500/3500 2WD/4WD	8		5.7L	VGM5.7HPG1EK	Tier 1																
6		VAN G2500/G3500	8																			
	SUBURBAN/TAHOE/ESCALADE	8																				
	VAN G2500/G3500	8																				
7	1997	SUBURBAN/TAHOE/ESCALADE	8		VGM5.7JPG1EK							12240										
		VAN G2500/G3500	8		VGM5.7JPG1GK																	
		SUBURBAN/TAHOE/ESCALADE	8																			
		VAN G2500/G3500	8																			
8		SUBURBAN/TAHOE/ESCALADE	8	7.4L	VGM7.4J8G1EK																	
	PU 2500/3500 2WD/4WD	8																				
9		PU 1500/2500/3500	8											5.7L	WGMXAO5.7182							
10		PU 1500/2500/3500	8																			
	SUBURBAN/TAHOE/ESCALADE	8																				
	VAN G2500/G3500	8																				
11	1998	SUBURBAN/TAHOE/ESCALADE	8		WGMXAO5.7184	LEV																
		VAN G2500/G3500	8		WGMXAO5.7185																	
		SUBURBAN/TAHOE/ESCALADE	8		WGMXAO5.7186																	
		PU 1500/2500/3500	8		WGMXAO5.7187																	
12		VAN G2500/G3500	8	7.4L	WGMXAO7.4201	Tier 1																
13		SUBURBAN/TAHOE/ESCALADE	8																			
	PU 1500/2500/3500	8																				
	VAN G2500/G3500	8																				
14		SUBURBAN/TAHOE/ESCALADE	8																			
15	1999	PU 2500/3500	8	4.3L	XGMXAO4.3194	LEV	MDV2															
16			PU 1500/2500											8								
		PU 1500/2500	8																			
		PU 1500/2500	8																			
17			PU 1500/2500	8	5.7L	XGMXAO4.8184	Tier 1															
18			PU 1500/2500/3500	8																		
		VAN G2500/G3500	8																			
		SUBURBAN/TAHOE/ESCALADE	8																			
19			SUBURBAN/TAHOE/ESCALADE	8		XGMXAO5.7185	LEV															
20			SUBURBAN/TAHOE/ESCALADE	8																		
		SUBURBAN/TAHOE/ESCALADE	8																			
		SUBURBAN/TAHOE/ESCALADE	8																			
21		PU 3500	8	6.0L	XGMXAO5.7187																	
22		PU 1500/2500/3500	8																			
	PU 3500	8																				
	PU 3500	8																				
23		VAN G2500/G3500	8	7.4L	XGMXAO6.0182	Tier 1	MDV3															
24		SUBURBAN/TAHOE/ESCALADE	8																			
	PU 2500/3500	8																				
	PU 1500/2500	8																				
25		PU 3500	8	5.3L	YGMXAO5.3183	LEV	MDV2															

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No.	Model Year	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Monitored	Converter Type	Universal	Direct Fit	
26	2000	PU 1500/2500	8	4.3L	YGMXAO4.3190	LEV	MDV2	D	2	2	2TWC	12240	N/A	
27		PU 1500/2500	8	5.3L	YGMXAO5.3181	Tier 1								
28		PU 1500/2500	8		YGMXAO5.3183	LEV								
29		SUBURBAN/TAHOE/ESCALADE	8		YGMXAO5.3184	LEV								
30		PU 2500/3500	8	5.7L	YGMXAO5.7191	Tier 1	MDV3							
31		PU 2500/3500	8		YGMXAO5.7194	LEV	MDV2							
32		VAN G2500/G3500	8	7.4L	YGMXAO7.4201	Tier 1	MDV3							
33		PU 2500/3500	8				MDV2							
34		PU 1500/2500	8	4.3L	YGMXTO4.3184		MDV3							
35		SUBURBAN/TAHOE/ESCALADE	8	6.0L	YGMXTO6.0192		MDV3							
36		2001	PU 1500/2500	8	4.3L	1GMXA04.3190	LEV							MDV2
37			SUBURBAN/TAHOE/ESCALADE	8	5.3L	1GMXAO5.3184								MDV3
38			PU 1500/2500	8		6.0L	1GMXAO6.0188							
			VAN G2500/G3500	8	1GMXAO6.0194		LEV							
Additional Vehicles # 1														
39	2002	Chevrolet G1500,2500 (Express Passenger, Van Cargo)2WD	8	6.0L	2GMXA06.0194		MDV3	D	2	2	2TWC	12240	N/A	
		GMC G1500/2500 Savanna (Cargo, Passenger) 2WD	8											
		Cadillac Escalade AWD, XLT, EXT	8											
		K1500 Yukon (Denali, XL) AWD	8											
40		Chevrolet Silverado 1500 2WD, 4WD	8	4.8L	3GMXT05.3183	LEV	MDV2							
		GMC Sierra 1500 2WD, 4WD	8											
		Chevrolet SSR	8											
		Chevrolet Trailblazer 2WD, 4WD	8											
		Chevrolet Van 1500/2500	8											
		Isuzu Ascender 2WD, 4WD	8											
		GMC Envoy 2WD, 4WD	8											
		GMC Savana 1500	8											
GMC Savana 2500	8													
41	2003	Chevrolet Express 1500 2WD, 4WD	8	4.8L	3GMXT05.3184		MDV3							
		Chevrolet Express 2500 2WD	8											
		Chevrolet Silverado 1500 4WD	8											
		Chevrolet Tahoe 1500 2WD, 4WD	8											
		Chevrolet Van 1500 2WD/4WD	8											
		Chevrolet Van 2500 2WD/4WD	8											
		GMC Savana 1500 2WD/4WD	8											
		GMC Savana 2500 2WD/4WD	8											
GMC Sierra 1500 4WD	8													
42		GMC Yukon 1500 2WD, 4WD	8	4.8L										

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No.	Model Year	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Monitored	Converter Type	Universal	Direct Fit
42	2003	Cadillac Escalade AWD	8	6.0L	3GMXT06.0187	LEV	MDV3	D	2	2	2TWC	12240	N/A
		Chevrolet Silverado SS	8										
		GMC Yukon 1500 AWD	8										
43		Hummer H2	8		3GMXT06.0194								