

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-353-44

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

Miller Catalyzer Corporation
"Series 31000 Three-way Catalytic Converters"

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, Miller Catalyzer Corporation of 3295 Depot Road, Hayward, California 94545, 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 31000 three-way catalytic converters (TWC) on selected 1996 through 2003 model year General Motors medium-duty vehicles equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-353-44 and incorporated herein. Series 31000 TWC will be used for dual parallel catalytic converter system applications (one unit per bank) and may be sold as 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 converters comply 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 Catalyst 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 Miller Catalyzer Corporation using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-353-44 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Orders D-353-17, it was determined that the installation of Series 31000 on the vehicles listed in Appendix D-353-44 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Miller Catalyzer Corporation's 31000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-353-44 subject to the following conditions:

1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters 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 converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters 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 these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Miller Catalyzer Corporation, 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 converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Miller Catalyzer Corporation's installation instructions for the new catalytic converters 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 converters 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 converters 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. Miller Catalyzer Corporation and its vendors may not advertise the new aftermarket catalytic converters as "high flow or easy flow" catalytic converters 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. Miller Catalyzer Corporation, its associates, vendors, other businesses and individuals associated with Miller Catalyzer Corporation 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. Miller Catalyzer Corporation 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. Miller Catalyzer Corporation 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. Miller Catalyzer Corporation's vehicle application catalog must conform with the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Order D-353-22 dated May 23, 2008, 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 11th day of December 2008.


Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-353-44

Miller Catalyzer Corporation, Catalytic Converter Series 31000, GM Medium Duty Trucks, Up to 14,000 ALVW												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1	1996	Chevrolet/GMC 1500 2WD/4WD, Sierra	5.7L	TGM5.75PGFEK	Tier 1	MDV3	D	2	2TWC	2	31212	31060
		Chevrolet/GMC 2500 2WD/4WD, Sierra										
		Chevrolet/GMC G2500 Van										
		Chevrolet/GMC Tahoe, Yukon										
		Chevrolet/GMC Pickup 2WD										
		Chevrolet/GMC Suburban										
		C2500/2WD - Suburban, Pickup, Sierra										
		C3500/2WD - Pickup, Sierra										
		K2500/4WD - Suburban, Pickup, Sierra										
		K3500/4WD - Pickup, Sierra										
3		G1500/G2500/2WD - Chevrolet Express, Savana, Chevrolet Van		TGM5.7JPG1EK								
		G3500/2WD - Chevrolet Express, Savana, Chevrolet Van										
4		Chev/GMC 2500 2WD/4WD	7.4L	TGM7.4J8G1EK								N/A
	Chev/GMC 3500 2WD/4WD											
	Chev/GMC 2500 Van											
	Chev/GMC 3500 Van											
		Chevrolet/GMC Suburban										

5	1997	Chevrolet/GMC C1500	5.7L	VGM5.7HPG1EK	Tier 1	MDV2	D	2	2TWC	2	31212	31060
6		Chevrolet/GMC K1500		VGM5.7HPG1EK								
		Chevrolet/GMC C2500/C3500		VGM5.7HPG1EK								
		Chevrolet/GMC K2500/K3500		VGM5.7HPG1EK								
		Chevrolet/GMC G1500/G2500/G3500		VGM5.7HPG1EK								
7		Chevrolet/GMC C1500/C2500		VGM5.7HPG1EK								
		Chevrolet/GMC G1500/G2500 Van		VGM5.7HPG1EK								
		Chevrolet/GMC K1500		VGM5.7HPG1EK								
		Chevrolet/GMC C2500/C3500		VGM5.7HPG1EK								
8		Chevrolet/GMC K2500/K3500	7.4L	VGM7.4I8G1EK								N/A

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Miller Catalyzer Corporation, Catalytic Converter Series 31000, G M Medium Duty Trucks, Up to 14,000 ALVW																	
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit					
9	1998	Chevrolet/GMC C1500	5.7L	WGMXA05.7182	Tier 1	MD V2	D	2	2TWC	2	31212	31060					
		Chevrolet/GMC K1500															
Chevrolet/GMC C2500		WGMXA05.7184		MD V3													
Chevrolet/GMC K1500																	
Chevrolet/GMC G1500/G2500 Van																	
Chevrolet/GMC C1500																	
Chevrolet/GMC K1500		WGMXA05.7185		MDV2													
Chevrolet/GMC C1500		WGMXA05.7186															
10			Chevrolet/GMC C2500/C3500	7.4L	WGMXA07.4201	Tier 1						MDV3					N/A
		Chevrolet/GMC K2500/K3500															
		Chevrolet/GMC G3500 Van															

14	1999	Chevrolet/GMC C1500	4.3L	XGMXA04.3190	Tier 1	MDV2	D	2	2TWC	2	31212	31074	
		Chevrolet/GMC K1500			LEV								
15		Chevrolet/GMC C1500		XGMXA04.3194									
		Chevrolet/GMC K1500			Tier 1								
16		Chevrolet/GMC C1500		XGMXA04.3195									
		Chevrolet/GMC K1500			LEV								
17		Chevrolet/GMC C1500	4.8L	XGMXA04.8184									
		Chevrolet/GMC K1500											
18		Chevrolet/GMC C1500	5.3L	YGMXA05.3183	LEV								
		Chevrolet/GMC K1500											
19		Chevrolet/GMC Silverado, Sierra		YGMXA05.3185									
20		Chevrolet/GMC C1500	5.7L	XGMXA05.7182	Tier 1							31060	
	Chevrolet/GMC K1500			LEV									
21	Chevrolet/GMC C1500	XGMXA05.7185											
		Chevrolet/GMC K1500											

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Miller Catalyzer Corporation, Catalytic Converter Series 31000, GM Medium Duty Trucks, Up to 14,000 ALVW															
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit			
22	1999	Chevrolet/GMC C1500	5.7L	XGMXA05.7186	LEV	MDV3	D	2	2TWC	2	31212	31060			
		Chevrolet/GMC K1500													
		Chevrolet/GMC C2500/C3500													
		Chevrolet/GMC K2500/K3500													
23		Chevrolet/GMC G1500/G2500/G3500	6.0L	XGMXA05.7187	Tier 1							Tier 1	TBD		
24		Chevrolet/GMC C2500		XGMXA06.0182											
		Chevrolet/GMC C2500		XGMXA06.0183											
		Chevrolet/GMC K2500													
		Chevrolet/GMC C2500/C3500	7.4L												
26		Chevrolet/GMC K2500/K3500		XGMXA07.4201											
27	2000	Chevrolet/GMC 1500 Pickup	4.3L	YGMXA04.3190	LEV	MDV2	D	2	2TWC	2	31212			TBD	
28		Chevrolet/GMC 1500 Pickup		YGMXT04.3184	Tier 1										
29		Chevrolet/GMC C1500, K1500	4.8L	YGMXA05.3183	LEV										MDV3
		Chevrolet/GMC K1500, C1500, C2500	5.3L	YGMXA05.3184											
		Chevrolet/GMC C1500		YGMXA05.7185											
		Chevrolet/GMC K1500													
30		Chevrolet/GMC C1500										Tier 1	MDV3		
		Chevrolet/GMC K1500													
		Chevrolet/GMC C1500													
		Chevrolet/GMC K1500													
31		Chevrolet/GMC G1500/G2500	5.7L		YGMXA05.7191							Tier 1	MDV3		
		Chevrolet/GMC C2500/C3500													
		Chevrolet/GMC K2500/K3500													
		Chevrolet/GMC G1500/G2500/G3500													
32		Chevrolet/GMC C1500	5.0L	YGMXA05.7194	LEV							Tier 1	MDV2		
33		Chevrolet/GMC G1500 Van													
		Chevrolet/GMC C1500		YGMXT05.7188											
		Chevrolet/GMC G1500/G2500													
34		Chevrolet/GMC Suburban K1500, C1500	5.7L	YGMXT05.7189	Tier 1							MDV3			
		Chevrolet/GMC Yukon C1500													
		Cadillac Escalade													
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Miller Catalystzer Corporation, Catalytic Converter Series 31000, GM Medium Duty Trucks, Up to 14,000 ALVW												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
36		Chevrolet/GMC C2500	6.0L	YGMXT06.0192	Tier 1	MDV3	D	2	2TWC	2	31212	TBD
		Chevrolet/GMC K2500										
37	2000	Chevrolet/GMC C2500/C3500	7.4L	YGMXA07.4201								
		Chevrolet/GMC K2500/K3500										
		Chevrolet/GMC G3500										

38		Chevrolet C1500/K1500 Silverado	4.3L	1GMXA04.3190	LEV	MDV2	D	2	TWC	2	31000	TBD
		GMC C1500/K1500 Sierra	4.8L	1GMXA05.3184		MDV3						
39	2001	Chevrolet C1500/K1500 Tahoe	5.3L									
		Chevrolet C1500/K1500 Tahoe										
		GMC C1500/K1500 Yukon										

Additional Vehicles 1

Miller Catalystzer Corporation, Catalytic Converter Series 31000, GM Medium Duty Trucks, Up to 14,000 ALVW												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
40	1998	Pickup 1500/2500/3500	5.7L	WGMXA05.7187	Tier 1	MDV3						
41	1999	G1500/2500 Van		XGMXA05.7184								
42	2000	Silverado/Sierra 1500, PU 1500/2500	4.8L	YGMXT05.3181								
		Silverado/Sierra 1500	5.3L									
43		Silverado/Sierra 1500	4.8L	1GMXA05.3183	LEV	MDV2	D	2	2TWC	2	31212	TBD
		Silverado/Sierra 1500	5.3L									
44	2001	G1500/2500 Van	5.7L	1GMXA06.0194	Tier 1	MDV3						
45		Yukon	6.0L	1GMXA08.1202								
46	2002	Express / Van	8.1L	2GMXA06.0194	LEV							
		Chevrolet G1500/2500 (Express Passenger, Van Cargo) 2WD	5.7L									
		GMC G1500/2500 Savanna (Cargo, Passenger) 2WD										
		Cadillac Escalade AWD, XLT, EXT										
	K1500 Yukon (Denali, XL) AWD											

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Miller Catalystzer Corporation, Catalytic Converter Series 31000, GM Medium Duty Trucks, Up to 14,000 ALVW												
No.	Model Year	Vehicle Model	Engine Size	EngineFamily	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
47	2003	CHEVROLET Silverado 1500 2WD, 4WD	4.8L	3GMXT05.3183	LEV	MDV2	D	2	2TWC	2	31212	TBD
		GMC Sierra 1500 2WD, 4WD	5.3L									
		CHEVROLET SSR										
		CHEVROLET Trailblazer 2WD, 4WD										
		CHEVROLET Van 1500										
		CHEVROLET Van 2500										
		Isuzu Ascender 2WD, 4WD										
		GMC Envoy 2WD, 4WD										
GMC Savana 1500		3GMXT05.3184										
GMC Savana 2500			MDV3									
CHEVROLET Express 1500 2WD, 4WD				5.3L								
CHEVROLET Express 2500 2WD				4.8L								
CHEVROLET Silverado 1500 4WD												
CHEVROLET Tahoe 1500 2WD, 4WD												
CHEVROLET Van 1500 2WD, 4WD												
CHEVROLET Van 2500 2WD, 4WD				5.3L								
GMC Savana 1500 2WD, 4WD												
GMC Savana 2500 2WD, 4WD												
GMC Sierra 1500 4WD												
GMC Yukon 1500 2WD, 4WD	6.0L											
CADILLAC Escalade AWD												
CHEVROLET Silverado SS												
GMC Yukon 1500 AWD												
50		Hummer H2	6.0L	3GMXT06.0194								