

**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 Corpoartion, 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		
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														
2		Chevrolet/GMC Pickup 2WD		TGM5.76PGFEK										
		Chevrolet/GMC Suburban												
3		C2500/2WD - Suburban, Pickup, Sierra		TGM5.7JPG1EK										
		C3500/2WD - Pickup, Sierra												
		K2500/4WD - Suburban, Pickup, Sierra												
		K3500/4WD - Pickup, Sierra												
4		G1500/G2500/2WD - Chevrolet Express, Savana, Chevrolet Van		TGM7.4J8G1EK									7.4L	N/A
		G3500/2WD - Chevrolet Express, Savana, Chevrolet Van												
	Chev/GMC 2500 2WD/4WD													
	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				
		Chevrolet/GMC K1500														
6		Chevrolet/GMC C2500/C3500		VGM5.7JPG1EK												
		Chevrolet/GMC K2500/K3500														
7		Chevrolet/GMC G1500/G2500/G3500		VGM5.7JPG1GK												
		Chevrolet/GMC C1500/C2500														
		Chevrolet/GMC G1500/G2500 Van														
8		Chevrolet/GMC K1500		VGM7.4J8G1EK									7.4L	Tier 1	MDV3	N/A
		Chevrolet/GMC C2500/C3500														
		Chevrolet/GMC K2500/K3500														
		Chevrolet/GMC G3500 Van														

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Miller Catalyzer Corpoartion, 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						
9	1998	Chevrolet/GMC C1500	5.7L	WGMXA05.7182	Tier 1	MDV2						31060						
		Chevrolet/GMC K1500																
10		Chevrolet/GMC C2500		WGMXA05.7184									MDV3					
		Chevrolet/GMC K1500																
11		Chevrolet/GMC G1500/G2500 Van		WGMXA05.7185									MDV2	D	2	2TWC	2	31212
		Chevrolet/GMC C1500																
12		Chevrolet/GMC K1500	WGMXA05.7186	LEV														
		Chevrolet/GMC C1500																
13		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							31074	
		Chevrolet/GMC K1500											
15		Chevrolet/GMC C1500		XGMXA04.3194									LEV
		Chevrolet/GMC K1500											
16		Chevrolet/GMC C1500		XGMXA04.3195									Tier 1
		Chevrolet/GMC K1500											
17		Chevrolet/GMC C1500	4.8L	XGMXA04.8184	MDV2	D	2	2TWC	2	31212			
		Chevrolet/GMC K1500											
18		Chevrolet/GMC C1500	5.3L	YGMXA05.3183	LEV								
		Chevrolet/GMC K1500											
		Chevrolet/GMC C1500											
19		Chevrolet/GMC K1500	YGMXA05.3185										
Chevrolet/GMC Silverado, Sierra													
20		Chevrolet/GMC C1500	5.7L	XGMXA05.7182	Tier 1							31060	
	Chevrolet/GMC K1500												
21	Chevrolet/GMC C1500	XGMXA05.7185		LEV									
	Chevrolet/GMC K1500												

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Miller Catalyzer Corpoartion, 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
22	1999	Chevrolet/GMC C1500	5.7L	XGMXA05.7186	LEV	MDV3	D	2	2TWC	2	31212	31060
		Chevrolet/GMC K1500										
Chevrolet/GMC C2500/C3500												
23		Chevrolet/GMC K2500/K3500	XGMXA05.7187	Tier 1	TBD							
		Chevrolet/GMC G1500/G2500/G3500										
24		Chevrolet/GMC C2500	6.0L	XGMXA06.0182	Tier 1							
25		Chevrolet/GMC C2500		XGMXA06.0183								
		Chevrolet/GMC K2500										
26	Chevrolet/GMC C2500/C3500	7.4L	XGMXA07.4201									
	Chevrolet/GMC K2500/K3500											

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								
		Chevrolet/GMC K1500, C1500, C2500											
30		Chevrolet/GMC C1500	5.3L	YGMXA05.3184									MDV3
		Chevrolet/GMC K1500											
31		Chevrolet/GMC C1500		YGMXA05.7185									MDV2
		Chevrolet/GMC K1500											
32		Chevrolet/GMC G1500/G2500	5.7L	YGMXA05.7191	Tier 1								MDV3
		Chevrolet/GMC C2500/C3500											
		Chevrolet/GMC K2500/K3500											
33		Chevrolet/GMC G1500/G2500/G3500	5.0L	YGMXA05.7194	LEV								
34		Chevrolet/GMC C1500											YGMXT05.7188
		Chevrolet/GMC G1500 Van											
35		Chevrolet/GMC C1500	5.7L	YGMXT05.7189	Tier 1								MDV3
		Chevrolet/GMC G1500/G2500											
	Chevrolet/GMC Suburban K1500, C1500												
	Chevrolet/GMC Yukon C1500												
	Cadillac Escalade												

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Miller Catalyzer Corpoartion, 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
36	2000	Chevrolet/GMC C2500	6.0L	YGMXT06.0192	Tier 1	MDV3	D	2	2TWC	2	31212	TBD
		Chevrolet/GMC K2500										
Chevrolet/GMC C2500/C3500		7.4L	YGMXA07.4201									
Chevrolet/GMC K2500/K3500												
Chevrolet/GMC G3500												

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

Additional Vehicles 1

Miller Catalyzer Corpoartion, 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
40	1998	Pickup 1500/2500/3500	5.7L	WGMXA05.7187	Tier 1	MDV3	D	2	2TWC	2	31212	TBD
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	2001	Silverado/Sierra 1500	4.8L	1GMXA05.3183								
		Silverado/Sierra 1500	5.3L									
44		G1500/2500 Van	5.7L	1GMXA06.0194								
45		Yukon	6.0L									
46		Express / Van	8.1L	1GMXA08.1202	Tier 1							
46	2002	Chevrolet G1500/2500 (Express Passenger, Van Cargo) 2WD	5.7L	2GMXA06.0194	LEV	MDV3						
		GMC G1500/2500 Savanna (Cargo, Passenger) 2WD										
		Cadillac Escalade AWD, XLT, EXT	6.0L									
		K1500 Yukon (Denali, XL) AWD										

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No.	Model Year	Vehicle Model	Engine Size	EngineFamily	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
47		CHEVROLET Silverado 1500 2WD, 4WD	4.8L	3GMXT05.3183								
		GMC Sierra 1500 2WD, 4WD										
		CHEVROLET SSR										
		CHEVROLET Trailblazer 2WD, 4WD										
		CHEVROLET Van 1500										
		CHEVROLET Van 2500										
		Isuzu Ascender 2WD, 4WD										
		GMC Envoy 2WD, 4WD										
		GMC Savana 1500										
		GMC Savana 2500										
48	2003	CHEVROLET Express 1500 2WD, 4WD	5.3L	3GMXT05.3184	LEV		D	2	2TWC	2	31212	TBD
		CHEVROLET Express 2500 2WD										
		CHEVROLET Silverado 1500 4WD	4.8L									
		CHEVROLET Tahoe 1500 2WD, 4WD										
		CHEVROLET Van 1500 2WD, 4WD										
		CHEVROLET Van 2500 2WD, 4WD										
		GMC Savana 1500 2WD, 4WD										
		GMC Savana 2500 2WD, 4WD										
		GMC Sierra 1500 4WD	4.8L									
		GMC Yukon 1500 2WD, 4WD										
49		CADILLAC Escalade AWD	6.0L	3GMXT06.0187								
		CHEVROLET Silverado SS										
		GMC Yukon 1500 AWD										
50		Hummer H2	6.0L	3GMXT06.0194								