State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-353-63
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Miller Catalyzer Corporation
"Series 70000 and 60000 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 Sections 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 70000 and 60000 three-way catalytic converters (TWC) on select 1996 through 2003 model-year Mazda passenger cars (PC) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-353-63 and incorporated herein. Series 70000 and 60000 TWCs will be used as replacements on vehicles equipped with multiple catalytic converter systems as listed in Appendix D-353-63. Series 70000 catalytic converters can only be sold as direct fit systems. Series 60000 catalytic converters may be sold as universal or direct fit systems.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief of the 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 converters was based on durability bench-aging by Umicore Automotive Catalysts USA (Umicore) 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," adopted on October 25, 2007.

WHEREAS, emissions and OBD II compatibility tests conducted by Miller Catalyzer Corporation using a 2000 model-year 1.8 liter Mazda Protégé certified to low-emission vehicle (LEV) emission standards and PC weight classification showed that the vehicle met the applicable emission standards with Series 70000 and 60000 converters and that Series 70000 and 60000 converters did not falsely cause the malfunction indicator light to illuminate. Series 70000 and 60000 converters, round front and oval rear, respectively, were installed and tested on the same test vehicle. Federal Test Procedure emission standards and test results in grams per mile are shown below:

	NMOG	CO	NOx
PC 100K LEV standards	0.090	4.2	0.3
Series 70000 & 60000 test 1	0.088	1.2	0.1
Series 70000 & 60000 test 2	0.070	0.9	0.1

WHEREAS, Miller Catalyzer Corporation conducted proper malfunction indicator light illumination demonstration with Series 70000 and 60000 converters on the same 2000 model-year 1.8 liter Mazda Protégé and demonstrated compliance with the requirements in Section (e)(5)(B) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

THEREFORE, IT IS HEREBY RESOLVED that Miller Catalyzer Corporation's Series 70000 and 60000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-353-63 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 Executive 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 applications 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 in 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," adopted on October 25, 2007.

5. Installation of the catalytic converters shall not cause the relocation of any oxygen sensors. 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," adopted on 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 catalytic converters.

8. Any marketing arrangement of the new aftermarket catalytic converters 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," adopted on October 25, 2007.

11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.

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," adopted on October 25, 2007.

13. Miller Catalyzer Corporation's vehicle application catalog must conform to the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

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 28 day of January 2010.

Annette Hebert, Chief
Mobile Source Operations Division

Miller Catalyzer Corporation, Catalytlic Converter Series 70000/60000, For Mazda PC												
No.	Model Year	Vehicle Model	Engine Size	EngineFamily (Test Group)	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1	1996	Protégé	1.5L	TTK1.5VJG2EK	TLEV	PC	S	2	WUTWC, TWC	2	Front: N/A Rear: 60212	Front: 70538 Rear:TBD
2		MX-3	1.6L	TTK1.6VJG2EK								Front: 70548 Rear:TBD
3		Mazda 626, MX-6	2.0L	TTK2.0VJG2EK								Front: 70538 Rear:TBD
4		Millenia	2.3L	TTK2.3VJGFEK	Tier 1		D/Y	3	2WUTWC, TWC	3		Left Front: 70539 Right Front: 70540 Rear:TBD
5		Millenia	2.5L	TTK2.5VJGFEK								Left Front: 70541 Right Front: 70542 Rear:TBD
6		Mazda 626, MX-6	2.5L	TTK2.5VJGKEK								
7	1997	Protégé	1.5L	VTK1.5VJG2EK	TLEV		S	2	TWC(2)	2		Front: 70538 Rear:TBD
8		Mazda 626, MX-6	2.0L	VTK2.0VJG2EK								
9		Millenia	2.3L	VTK2.3VJGKEK	Tier 1		D/Y	3	2WUTWC, TWC	3		Left Front: 70539 Right Front: 70540 Rear:TBD
10	1998	Protégé	1.5L	WTKXV01.5VDM	TLEV		S	2	TWC(2)	2		Front: 70538 Rear:TBD
11		626	2.0L	WTKXV02.0VDM								Front: 70543 Rear:TBD
12		Millenia	2.3L	WTKXV02.3VB2	Tier 1		D/Y	3	2WUTWC, TWC	3		Left Front: 70539 Right Front: 70540 Rear:TBD
13		Millenia	2.3L	WTKXV02.3VB3			S	2	WUTWC, TWC	2		Front: 70544 Rear:TBD
14	1999	MX-5 Miata	1.8L	XTKXV01.8VDM	TLEV							Front: 70545 Rear:TBD
15		Protégé	1.8L	XTKXV01.8VGM	LEV							Front: 70549 Rear:TBD
16		626	2.0L	XTKXV02.0VDM	TLEV							Front: 70543 Rear:TBD
17		Millenia	2.3L	XTKXV02.3VB3	Tier 1							Front: 70544 Rear:TBD

Miller Catalyzer Corporation, Catalytlic Converter Series 70000/60000, For Mazda PC												
No.	Model Year	Vehicle Model	Engine Size	EngineFamily (Test Group)	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
18	2000	Protégé	1.8L	YTKXV01.8VFM	LEV	PC	S	2	WUTWC, TWC	2	Front: N/A Rear: 60212	Front: 70545 Rear:TBD
19		MX-5 Miata	1.8L	YTKXV01.8VFN								Front: 70560 Rear:TBD
20		Millenia	2.3L	YTKXV02.3VB3	Tier 1		D/Y	3	2WUTWC, TWC	3		Left Front: 70539 Right Front: 70540 Rear:TBD
21		626	2.5L	YTKXV02.5VDM	TLEV							Left Front: 70541 Right Front: 70542 Rear:TBD
22	2001	Protégé MPS	2.0L	1TKXV02.0BJA			S	2	TWC(2)	2		Front: 70545 Rear:TBD
23		Millenia	2.3L	1TKXV02.3AMA	Tier 1		D/Y	3	2WUTWC, TWC	2		Left Front: 70561 Right Front: 70562 Rear:TBD
24		Mazda 626	2.5L	1TKXV02.5BMA	TLEV							Left Front: 70541 Right Front: 70542 Rear:TBD
25		Millenia	2.5L	1TKXV02.5BMB								Left Front: 70546 Right Front: 70547 Rear:TBD
26	2002	Millenia	2.3L	2TKXV02.3AMA	Tier 1							Left Front: 70561 Right Front: 70562 Rear:TBD
27		626	2.5L	2TKXV02.5BMA	TLEV							Left Front: 70541 Right Front: 70542 Rear:TBD
28		Millenia	2.5L	3TKXV02.5BMB								Left Front: 70546 Right Front: 70547 Rear:TBD
29	2003	Protégé	2.0L	3TKXV02.0BJB			S	2	WUTWC, TWC	2		Front: 70563 Rear:TBD