

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-280-51**  
Relating to Exemptions under Section 27156  
of the Vehicle Code

AirTek, Inc. (d.b.a. Catco)  
"Series 610000 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, AirTek, Inc. (AirTek) of 4410 W. 37<sup>th</sup> Avenue, Hobart, Indiana 46342, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 610000 three-way catalytic converter (TWC) for installation on selected 1995 through 2003 model year Ford passenger cars (PC) and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-51 and incorporated herein. The Series 610000 TWC will be used for multiple catalytic converter applications as front and rear catalytic converter.

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, Air Resources Board finds that the above aftermarket catalytic converters comply with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converters was based on durability bench-aging by Southwest Research Institute, San Antonio, Texas, using Air Resources Board-modified RAT-A bench-aging cycle for 75 hours, as specified in the "California Evaluation Procedures for New Aftermarket Catalytic Converters."

WHEREAS, previous emissions and OBD II compatibility tests conducted by AirTek, Inc. using a 1997 3.0L Ford Taurus, test group VFM3.0V8G3EK (PC, LEV), with Series 610000 TWC installed as single underbody catalytic converter (1 unit) showed that the vehicle met the applicable standards. The test results are shown below, in grams per mile.

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
PC 100K LEV	0.090	4.2	0.3
Series 610000 Test 1	0.030	0.6	0.1
Series 610000 Test 2	0.037	0.6	0.1

THEREFORE, IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-280-51 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 its

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 AirTek, 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. AirTek, 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. The oxygen sensor 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. AirTek, Inc. and its vendors may not advertise the new aftermarket catalytic converter as "performance, high or easy flow" catalytic converter or use any phrase that could make it appear to perform better than an OEM catalytic converter.
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 Air Resources Board prior to shipment.
9. AirTek, its associates, vendors, other businesses, and individuals associated with AirTek, 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. AirTek shall comply with the quality control procedures and reporting requirements in Section (ff)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
11. AirTek's quality control reports must be submitted on a quarterly basis (Section (f)(5)(D)) and warranty information reports on a semi-annually basis (Section ((f)(2)(C))), starting with periods covering January 1 through March 31, 2009, and January 1 through June 30, 2009, respectively.
12. AirTek 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 October 25, 2007.
13. AirTek'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 October 27, 2007.

Executive Order D-280-37 dated October 6, 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 ten 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 8 day of December 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1																			
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	Taurus Sedan	3.0	TFM3.0V8GKEK	TLEV	PC	D	2 UND	TWC	2	612004 LEFT OR RIGHT	612888							
		Mercury Sable																	612221
2	1997	Taurus Sedan		VFM3.0V8G3EK	LEV														612221
				Mercury Sable															
3	1997	Taurus Sedan		VFM3.0V8G2EK	TLEV														612888
				Mercury Sable															
4	1998	Taurus Sedan		VFM3.0V8NKGK	Tier-1														612221
				Mercury Sable															
5	1998	Taurus Sedan		WFMXV03.0AEA	Tier-1														612221
				Mercury Sable															
6	1998	Taurus Sedan		WFMXV03.0CAA	LEV														612888
			Mercury Sable																
7	1999	Taurus Sedan	WFMXV03.0AMA	TLEV								612221							
			Mercury Sable																
8	1999	Taurus Sedan	XFMXV03.0VDC	TLEV								612221							
			Mercury Sable																
9	2000	Taurus Sedan	XFMXV03.0VGC	LEV								TBD TBD TBD							
			Mercury Sable																
10	2000	Lincoln LS6 Manual	YFMXV03.0VD2	TLEV								TBD TBD TBD							
			Lincoln LS6 Automatic	YFMXV03.0VF2	LEV														

Additional Vehicles 1

APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
12	1995	COUNTOUR/ MYSTIQUE	2.5L	TFM2.5VJG1EK	TIER-1	PC	D	3	2TWC/ TWC	2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011
13	1996	TAURUS/SABLE	3.0L	TFM3.0VJG1EK							612004	612888
14			TAURUS SHO MODELS	3.4L	TFM3.4VJG1EK				2UND	TWC	2	612006 FRONT OR REAR

## APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
15	1996	LINCOLN MARK VIII	4.6L	TFM4.6VJG1FL	TIER-1	PC	D	3	2TWC/ TWC	ALL	LEFT MANIFOLD NA	LEFT MANIFOLD 612995 RIGHT SINGLE INLET MUFFLER 612704 RIGHT SIDE DUAL INLET MUFFLER 612999
16	VFM4.6VJG1FL			LEFT MANIFOLD 612204 RIGHT SINGLE INLET MUFFLER 612704 RIGHT SIDE DUAL INLET MUFFLER 612999								
17	1997	COUNTOUR/ MYSTIQUE	2.5L	VFM2.5VJG1EK				2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011		
18											TAURUS/SABLE	3.0L
19		TAURUS SHO MODELS	3.4L	VFM3.4VJG1EK				2	612006 FRONT OR REAR	612888		
20		LINCOLN MARK VIII	4.6L	WFMXV04.6MAA							ALL	LEFT MANIFOLD NA
21	1998	COUNTOUR/ MYSTIQUE	2.5L	WFMXV025AFA				2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011		
					REAR CONVERTER 612004	REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS						

## APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
22	1998	TAURUS/SABLE	3.0L	WFMXV03.0PAA	TIER-1	PC	D	2UND	TWC	2	612004 LEFT OR RIGHT	612888
23		TAURUS SHO MODELS	3.4L	WFMXV03.4BAA				3UND			FRONT, LEFT OR RIGHT 612004 REAR 612006	TBD/ TBD
24	1999	COUNTOUR/ MYSTIQUE/MERCURY COUGAR	2.5L	XFMXV02.5VBC				3	2TWC/ TWC	2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011
											REAR CONVERTER 612004	REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS
25		TAURUS/SABLE	3.0L	XFMXV03.0VBZ							2UND	612004 LEFT OR RIGHT
26		TAURUS SEDAN	3.4L	XFMXV03.4VBC				3UND	TWC	2	FRONT, LEFT OR RIGHT 612004 REAR 612006	TBD/ TBD
27	Lincoln LS-6	3.0L	YFMXV03.0VD2	612004 LEFT OR RIGHT							612420 Right 612421 Left	
28	2000	COUNTOUR/ MYSTIQUE/MERCURY COUGAR	2.5L	YFMXV02.5VBC				2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011		
									REAR CONVERTER 612004	REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS		
29									3	2TWC/ TWC	FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE
30		TAURUS, SABLE	3.0L	YFMXV03.0VF5	LEV	2	FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE	FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE				

## APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1																	
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit					
31	2000	TAURUS, SABLE	3.0L	YFMXV03.0VF3	LEV	PC	D	3	2TWC/TWC	2	FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE					
				FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE							FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE						
32	TAURUS	YFMXV03.0VFA		LEV												FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE
																	FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE
33	2001	MERCURY COUGAR, COUGAR S	1FMXV02.5VD5	TLEV						2 FRONT	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MAINFOLD 612012 REAR MANIFOLD 612011					
											REAR CONVERTER 612004	REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS					
34	2001	TAURUS, SABLE		1FMXV03.0VF3	LEV					2	FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE					
											FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE	FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE					

APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
35	2001	LINCOLN	3.0L	1FMXV03.0VD2	TLEV	PC	D	2UND	TWC	2	612004 LEFT OR RIGHT	612420 Right 612421 Left
36				1FMXV03.0VF2								
37	ESCAPE	1FMXT03.01F6		LEV	LDT1	S	3	2TWC/ TWC	ALL	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MANIFOLD 612028 READEMANIFOLD 612029	
38	LINCOLN LS-6 MANUAL TRANSMISSION	2FMXV03.0VD2		TLEV	PC	D	2UND	TWC	2	612004 LEFT OR RIGHT	TBD	
39	LINCOLN LS-6 AUTOMATIC TRANSMISSION	2FMXV03.0VF2										
40	2002	ESCAPE		2FMXT03.01F6	LEV	LDT1	S	3	2TWC/ TWC	ALL	FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MANIFOLD 612028 READE MANIFOLD 612029
				REAR MAIN CONVERTER 612004							REAR MAIN CONVERTER 612008	
41				2FMXT03.01F7							FRONT MANIFOLD NA REAR MANIFOLD NA	FRONT MANIFOLD 612028 READ MANIFOLD 612029
				REAR MAIN CONVERTER 612004							REAR MAIN CONVERTER 612008	
42	TAURUS, SABLE	2FMXV03.0VF3		PC	D				2	FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE	
										2	FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE	FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE



APPENDIX D-280-51

AIRTEK, INC's SERIES 610000 OBDII TWC FOR LIMITED FORD PC/LDT1

No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
43	2002	TAURUS, SABLE	3.0L	2FMXV03.0VF4	LEV	PC	D	3	2TWC/TWC	2	FRONT NA REAR 612006 12 VALVE U ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE
				FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612085 24 VALVE S ENGINE							FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE	
44	2003	LINCOLN LS-6	3.0L	3FMXV03.0VF4	LEV	PC	D	2UND	TWC	2	FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612085 24 VALVE S ENGINE	612184 FRONT 612185 REAR 12 VALVE U ENGINE
				FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE							FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE	
45		ESCAPE		3FMXT03.01F7		LDT1	S	3	2TWC/TWC	ALL	FRONT MANIFOLD NA REAR MANIFOLD NA REAR MAIN CONVERTER 612004	FRONT MANIFOLD 612028 REAR MANIFOLD 612029 REAR MAIN CONVERTER 612008