

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-280-55**

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

Airtek, Inc. (d.b.a. Catco)  
"Series 410000 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 Sections 27156 and 38391 to market its new aftermarket Series 410000 three-way catalytic converters (TWC) on selected 1996 through 2003 model year Volvo passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-55 and incorporated herein. Series 410000 TWCs will be used for single catalytic converter application.

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 converters was based on durability bench-aging by Southwest Research Institute using the Air Resources Board-modified RAT-A bench-aging cycle for 75 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 Airtek, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-280-55 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Orders D-280-16, it was determined that the installation of Series 410000 on the vehicles listed in Appendix D-280-55 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Airtek, Inc.'s 410000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-280-55 subject to the following conditions:

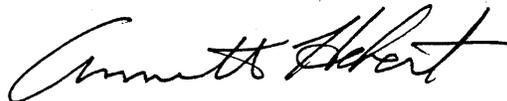
1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
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 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 converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Airtek, Inc.'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. Airtek, Inc. 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. Airtek, Inc., its associates, vendors, other businesses and individuals associated with Airtek, Inc. 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, 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. Airtek, 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. Airtek, Inc.'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-280-22 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 25 day of November 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-280-55

AirTek INC. Series 410000 for Volvo Passenger Cars

No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored Converter	Universal	Direct Fit
1	1996	850	2.3L	TVV2.3VJGKEK	TIER 1	PC	1	3-Way	1		412006	412189 OE Welded Flange
2		850 WAGON	2.4L	TVV2.4VJGFEK	TLEV							412005
3		960	2.9L	TVV2.9VJGFEL	TIER 1							
4		960 WAGON		VVV2.9VJGFEL								
5	1998	S70 GLT	2.3L/2.4 L	WVVXV2.43PAI	TLEV							
		V70 GLT										
		C70 GLT										
		S70										
		V70										
6	1998	C70 Convertible	2.9L	WVVXV2.92EVA	TIER 1							
		C70										
		S90										
7	1999	V90	2.3L/2.4 L	XVVXV2.43PA2	LEV							
		S70										
		V70										
		C70										
		C70 Convertible										
8	1999	S70	2.4L	XVVXV2.43TF2	TLEV							
		V70										
9	1999	V70 AWD	2.3L/2.4 L	XVVXV2.43AW2	TLEV							
		S80										
10	1999	S80	2.8L	XVVXV2.78EN2	TLEV							
		S80										
11	1999	S80	2.9L	XVVXV2.92BU2	TLEV							
		S40										
12	2000	V40	1.9L	XVVXV1.95MJI	LEV							
		S70 AWD										
13	2000	V70 AWD	2.3L/2.4 L	XVVXV2.43PA3	LEV							
		S70										
14	2000	S70	2.4L	XVVXV2.43TF3	LEV							
		V70										

APPENDIX D-280-55

AirTek INC. Series 410000 for Volvo Passenger Cars																													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored Converter	Universal	Direct Fit																	
15	2000	S80	2.8L	XVXXV2.78EN3	TLEV	PC	1	3-Way	1		412006	TBD																	
16		S80	2.9L	XVXXV2.92BU3	LEV							412312																	
17	2001	S70	1.9L	1VXXV1.95L4T	TLEV						LEV				412006	TBD													
18		S80-T6	2.8L	1VXXV2.78T6T												412312													
19	2001	S80	2.9L	1VXXV2.92L6N	TLEV										LEV				412006	TBD									
20		S40	1.9L	2VXX1.95L4T																412312									
21	2002	S60, EXC. AWD	2.3L	2VXXV2.43L5T															PC	1	3-Way	1		412005	TBD				
		S70, EXC. AWD																							2.4L	412006	TBD		
		S60 AWD																									2.4L	412006	TBD
		S70 AWD																											2.4L
C70	1.9L	412006	TBD																										
S40			2.3L	412005	TBD																								
V40	2.4L				412006	TBD																							
S60, EXC. AWD			2.4L			412006	TBD																						
V70, EXC. AWD	2.4L	412006					TBD																						
C70 EXC. AWD			2.4L	412006			TBD																						
S60 AWD	2.4L				412006		TBD																						
V70 AWD			2.4L			412006	TBD																						
C70 Convertible	2.4L	412006					TBD																						
22			2003	S40			1.9L	3VXXV1.95L1T	LEV	PC	1	3-Way	1	412005	TBD														
23	S60, EXC. AWD			2.3L	3VXXV2.43L1T		LEV	412005							TBD														
23	2003		V70, EXC. AWD			2.3L			3VXXV2.43L1T					LEV	412005	TBD													
		C70 EXC. AWD	2.4L	412006	TBD																								
		S60 AWD			2.4L		412006	TBD																					
		V70 AWD	2.4L					412006								TBD													
C70 Convertible	2.4L	412006			TBD																								