

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-280-65**

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

Airtek, Inc. (d.b.a. Catco)  
"Series 610000 Three-way Catalytic Converter"

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 610000 three-way catalytic converter (TWC) on selected 1996 through 2004 Hyundai passenger cars (PC) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-65 and incorporated herein. Series 610000 TWC will be used for single or multiple catalytic converter applications as listed in Appendix D-280-65. This catalytic converter may be sold as a 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 converter complies 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 Southwest Research Institute, San Antonio, Texas, 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, emissions tests conducted at the Ecologic Engine Testing Laboratory (Ecologic), Fullerton, California, with Series 610000 TWC installed on a 1997 3.0L Ford Taurus, test group VFM3.0V8G3EK, certified to the passenger car, Low Emission Vehicle emission standards (PC, LEV), showed that the catalytic converter met the applicable emission standards.

OBD II compatibility tests performed on the same test vehicle showed that Series 610000 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

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

THEREFORE, IT IS HEREBY RESOLVED that Airtek, Inc.'s 610000 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-280-65 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 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 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. 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 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 "high flow or easy flow" catalytic converter 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, 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, 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 as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Order D-280-32 dated August 28, 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 8 day of December 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

## Airtek's Series 610000 OBDII Hyundai Passenger Cars

Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #		
1	1996	Accent	1.5L	THY1.5VJG2FK	PC	TLEV	S	2	TWC(2)	All	Front 612004R	Front TBD		
2				THY1.5VJG1FK		Rear 612004					Rear 612889			
3		Sonata	2.0L	THY2.0VJG1FK		Tier-1					1	TWC	612006	612238
4			3.0L	THY3.0V8G1FK										
5		Elantra, Sedan, SW	1.8L	THY1.8VJG1FK		TLEV					2	TWC(2)	612004	612889
6	1997	Accent	1.5L	VHY1.5VJG2EK		TLEV		2	TWC		Front 612004R	Front TBD		
7				VHY1.5VJG1EK		Rear 612004		Rear 612889						
8		Elantra, Sedan, SW, Tiburon Coupe	1.8L	VHY1.8VJG1EK		Tier-1		1	TWC		612004	612889		
9		Sonata	2.0L	VHY2.0VJG2EK		TLEV		2	TWC(2)		Front 612004R	Front TBD		
10			3.0L	VHY3.0V8G1EK		Tier-1		612004	612238					
11	1998	Elantra, Sedan, SW	1.8L	WHYXV01.82GM		TLEV		1	TWC		612006	612238		
12		Sonata	3.0L	WHYXV03.01UM							612004	612889		
13		Tiburon Coupe	2.0L	WHYXV02.02GM							612006	TBD		
14		Accent	1.5L	WHYXV01.52GM							2	WUTWC/ TWC	Front TBD	Front 612165
15				XHYXV01.52XC									Rear 612004	Rear 612889
16	1999	Elantra Sedan & Wagon, Tiburon Coupe	2.0L	XHYXV02.03RC		LEV		2	WUTWC/ TWC		612004	TBD		
17	2000	Accent	1.5L	YHYXV01.5G35		LEV		1	TWC		612006	TBD		
18		Elantra Sedan & Wagon, Tiburon Coupe	2.0L	YXYXV02.0G3S				2	WUTWC/ TWC		Front TBD	Front 612165		
19		Accent	1.6L	1HYXV01.6B3S				1	TWC		Rear 612004	Rear 612889		
20	2001	Tiburon	2.0L	1HYXV02.2R3S		2		WUTWC/ TWC	Front TBD		Front 612165			
21		Accent	1.5L	1HYXV01.5A3S	1	TWC	Rear 612004	Rear 612889						

APPENDIX D-280-65

Airtek's Series 610000 OBDII Hyundai Passenger Cars												
Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #
22	2002	Accent	1.5L	2HYXV01.5ALS	PC	LEV	S	1	TWC	ALL	612006	TBD
23			1.6L	2HYXV01.6BLS								
24	2003		1.5L	3HYXV01.5ALS								
25			1.6L	3HYXV01.6BLS								
26	2004		1.5L	4HYXV01.5AL9								
27			1.6L	4HYXV01.6BL9								