## State of California AIR RESOURCES BOARD

## **EXECUTIVE ORDER D-280-54**

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 2004 model year VW/Audi passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-54 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-280-54 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-280-54 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-280-54 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-280-21 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 24 day of November 2008.

Annette Hebert, Chief

Mobile Source Operations Division

mutt Hebert

Appendex D-280-54

Model Vehicle Noted         Vehicle Size         Engine Engine Family Certification         Certification Weight Exhaust Converter Converter         Total Converter Converter Converter Converter         Monitored Universal Converter Converter Converter         Investigation Certification         Most Converter Titler         Titler-1         Titler-1         A 12016         412016           1996 Jetts, Golf Seption Later Converter Con					AirTek INC. Se	ries 410000 fo	000 for Audi/Volksw	olkswago	n Passenger	Cars			
Cabriolet   TvW2.0v8GFEM   Tier-1   T		Model	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	<b>Monitored</b> <b>Converter</b>	Universal	Direct Fit
1996   Jetta, Golf   2.0L   TVW2.0V8GKEM   Tier-1   Tier-1   TVW2.0V8GKEM   Tier-1   Tier-1   TVW2.0V8GKEM   Tier-1			Cabriolet Passat GL			Tior							
1997   Cabriolet   Cabriolet			Jetta, Golf	2.0L	TVW2.0V8GKEM	<u></u>						412015	412114
Cabriolet	T_	1996	Jetta, Golf		TVW2.0V8G2EL	TLEV							
1997   Cabriolet   2.0L   VVWZ.0V8GKEM   Tier-1   Pc   1   TWC	4		Golf, Passat, Jetta		TVW2.8V8GFGM	Tier-1							
A4 Quartro, 1.8L   WADXVO1.8322   TLEV   PC   1   TWC   1   Yes   412014     1998	2	1997	Cabriolet Golf Passat	2.0L	VVW2.0V8GKEM	Tier-1						412016	412903
Addition	T		Jella										
1998   Cabrillottic	· · ·		A4 Quattro	1.8L	WADXV01.8322							412014	412186
Beetle		1998	Cabriolet, Golf, Jetta	2.0L	WVWXV02.0223	1LEV	ე ე	-	TWC	~	Yes	412016	412903
Golf, Jetta         2.8L         WVWXV02.8224         Tier-1           Beetle         1.8L         XVWXV01.8228         TLEV         412015           Golf, Jetta         2.0L         XVWXV02.0227         LEV         412015           Golf, Jetta         XVWXV02.8221         Tier 1         412013           Golf, Jetta         XVWXV02.8224         TLEV         412013           Quattro, Passat         TSLE         TLEV         412013	8		Beetle		WVWXV02.0226					-			412181
Beetle   1.8L   XVWXV01.8228   TLEV   412015     Golf, Jetta   XVWXV02.0227   LEV   Golf, Jetta   Golf, Jetta   Golf, Jetta   Golf, Jetta   Golf, Jetta   A4, A4   TLEV   TLEV   Quattro,   1.8L   XADXV01.8322   TLEV   A4 A4   A4   XADXV01.8322   TLEV   A4 A4   A4   A4   A4   A4   A4   A4			Golf, Jetta	2.8L	WVWXV02.8224	Tier-1							TBD
Golf, Jetta   XVWXV02.0223   TLEV   412015     Beetle	0		Beetle	1.8L	XVWXV01.8228								TBD
Beetle   2.0L   XVWXV02.0227   LEV   Golf, Jetta   A4, A4   TLEV   TLEV   Quattro,   1.8L   XADXV01.8322   TLEV   A4	~		Golf, Jetta		XVWXV02.0223	TLEV						412015	412181
Golf, Jetta         XVWXV02.8221         Tier 1           Golf, Jetta         2.8L         XVWXV02.8224           A4, A4         A4, A4         TLEV           Quattro, Passat         1.8L         XADXV01.8322	2		Beetle	2.0L	XVWXV02.0227	LEV							10171
Golf, Jetta         2.8L         XVWXV02.8224         Tier 1           A4, A4         A4, A4         TLEV         TLEV		1999	Golf, Jetta										TBD
Golf, Jetta         4.04 A4         XVWXV02.8224         TLEV         412013           Quattro, Passat         1.8L         XADXV01.8322         TLEV         412013	3		Golf, Jetta	6	XVWXV02.8221	Tier 1							
A4, A4 TLEV TLEV 412013 Quattro, 1.8L XADXV01.8322 Passat	4		Golf, Jetta	Z.8L	XVWXV02.8224							0.00	412187
	5		A4, A4 Quattro, Passat	1.8L	XADXV01.8322	TLEV						412013	TBD

Appendex D-280-54

Appendex D-200-54 Series 410000 for Audi/Volkswagon Passenger Cars	Certification LevelWeight ClassExhaust TypeConverter TypeTotal ConvertersMonitored ConvertersUniversal Fit	412013 TBD	412084 412158 TBD	412015 412181	412013 412187		412158	C C C F		PC 1 TWC 1 Yes 412015 412181	412013 412187	412084 412158	412371	Car	412187	412013 TBD	1070
App AirTek INC. Series 410000		YADXV01.8332 LEV	YADXV01.8336 TLEV YVWXV01.8228	YVWXV02.0227 LEV		1ADXV01.8336 TLEV	1ADXV01.8346 LEV	1ADXV01.8347	1VWXV01.8229 TLEV	1VWXV02.0227 LEV	1VWXV02.8224	2ADXV01.8346	2VWXV02.0227	2VWXV02.8224	3ADXV01.8346 LEV 3VWX02.8228	4ADXV01.8346	0000 00//\/\/\/
	Engine Size	1.8L		2.0L	2.8L		1.8L			2.0L	2.8L	1.8L	2.0L	2.8L	1.8L 2.8L	1.8L	10 0
	Vehicle Model	A4, A4 Quattro, Passat	TT Beetle	Beetle,Golf, Jetta	Golf, Jetta	11	TT , Golf, Jetta, Bettle	TT	Beetle	Beetle, Golf, Jetta, Cabrio	Golf, Jetta	TT, Golf, Jetta, Bettle	Cabrio	Jetta, Golf	Jetta. Bettle Jetta	TT, Quattro, Bettle	0#0
	Model		2000					2004	- 2007		2001	000	2002		2003	2004	
	No.	16	148	19	20	21	22	23	24	25	26	27	28	29	33	32	22