TOYOTA MOTOR CORPORATION

EXECUTIVE ORDER A-014-0500-2 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MOD		TEST GROUP			VEHICLE TYPE (PC=passenger car; LDT=light-du MDV=medium-duty vehicle; LVW- vehicle weight; ALVW=adjusted	ty truck; S	EXHAUST EMISSION TANDARD CATEGORY "low emission vehicle; TLE sitional LEV; ULEV=uitra LE SULEV=super ULEV)	v; (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)					
200	5	5TY)	(V01.8VI	RA	PC		LEV	EXH/ORVR: 100K EVAF1: 150K EVAF2: 100K	K Gasoline					
No.		APORATIVE No.			SPECIAL FEAT EMISSION CONTROL		* = not applicable	OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O25/HO25=oxygen sensor/heated O25						
1	5TY	5TYXR0115P11			TWC, HO	2S(2), SFI, AIR,	AFS/HAFS=air-fuel ratio	AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust						
2	5TY	5TYXR0115AK1				*	MAIR MFI/SFI= multiport fuel injection/sequential MFI							
3								TBI= throttle body injection TC/SC=turbo /super chargerCAC=charge air cooler OBD (F) / (P)=full /partial on-board						
4					au . waitie			diagnostic prefix 2=parallel (2) suffix=series						
EVAI No.		ECS No.				SUBJECT TO SFTP S ARE UNDERLINED	ABBREVIATIONS:							
1		1	1.8		Toyota: Corolla, Corolla Matrix									
2		1 1.8			Toyota Celica									
*		•					*							

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

	NMOG FLEET NMOG @ RAF = * AVERAGE [g/mi] CH4 RAF = *			RAF=* AF=*	NMOG or	of nitroge	n HCHO	formaldelty	/de PM≖p	articulate	matte	r RAF=read	ctivity adjus	O=carbon m	2/3 D [g/te	st]=2/3 day		
CER	T :	STD	NMOG CERT [g/ml]		NMHC	NMHC STD [g/mi]		diurnal÷hot-soak RL [g/mi]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recover ng=milligram mi=mile K=1000 miles F=degrees Fahrenheit SFTP=supplemental federal test j									rocedure	
0.041		.049			CERT		CO	[g/mi]	NC)x [g/mi]			[mg/mi]		g/mi]	Hwy NO		
. 0.04	' '				[g/mi]	[3,]	CERT	STD	CERT	r Stc	CE	RT	STD	CERT	STD	CERT	STD	
		@ 50K	50K 0.050		•	0.075	0.6	3.4	0.1	0.2		*	15	*	•	0.04	0.3	
		@ UL	0.	.070	•	0.090	0.9	4.2	0.1	0.3		•	18	*	*	0.04	0.4	
	@ 50°	F & 4K		*	•	*	*	•	*	•		•	*	. *	*	*	*	
	CO [g/mi] SFTP			4K (SUL	EV, ULEV, er 1, TLEV)				CO [g/mi] NMHC composite) [g/mi]					NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]		
50				= @ UL (Tier 1, TLE		CERT	STD	CERT	STD	CERT	STD	CE	RT ST	D CER	T STD	CERT	STD	
CERT	2.2			SFT	P 1 @ 4K	•	*	*	*	0.03	0.14	0	.7 8.0	0.0	5 0.20	0.6	2.7	
STD	10.0			SFT	P 2 @ UL	•	*	*	•	•	*		• •	•	*	•	*	
A 111	EVAPORATIVE FAMILY 1					EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3					EVAPORATIVE FAMILY 4			
@ UL	3-D	2-0)	RL.	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	R	L ORV	R 3-D	2-D	RL	ORVR	
CERT	0.26	0.2	5	0.004	0.02	0.4	0.8	0.01	0.001	*	*	•	•	•	*	*	*	
STD	0.50	0.6	5	0.05	0.20	2.0	2.5	0.05	0.20	*	*	•	•	*	•	*	*	

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

This Executive Order hereby supersedes Executive Order A-014-0500-1 dated May 24, 2004.

Executed at El Monte, California on this

day of August 20

Allen Lyons, Chief

Mobile Source Operations Division