## HYUNDAI MOTOR COMPANY

EXECUTIVE ORDER A-254-0086
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	R	TEST GROUP			M	VEHICLE TYPE C=passenger car; LDT=light-duty truck; DV=medium-duty vehicle; LVW=loaded rehicle weight; ALVW=adjusted LVW)	EXHAUST EMISSION STANDARD CATEGORY (LEV=low emission vehicle; TLEV= transitional LEV; ULEV=ultra LEV; SULEV=super ULEV)			EXHAUST / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG≈compressed/ liquefied natural gas; LPG≕liquefied petroleum gas)			
200		3HYXT02.4SLS				LDT: 3,751-5,750 pounds LVW	LEV			100K / 100K	Gasoline (Indolene)			
No.		APORATIVE MILY (EVAF)			No.	SPECIAL FEATURES EMISSION CONTROL SYSTE	is is a not applicable     OC/1WC=oxidizing/3-way cat				cat. ADSTWC=adsorbing TWC			
1	3HY	XR017	XR0175PES			HO2S(2), WUTWC, TW		HAP	'S/HAFS=air-fuel ratio s	O2S≖oxygen sensor/heated O2S ensor/heated AFS EGR≔exhaust				
2		*			2			ga	gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFUSF= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series					
3		*			3			TB						
4		*			4	*	-	-   Ca						
EVAI No.	ECS ENGINE No. SIZE (L)					HICLES SUBJECT TO SFTP ANDARDS ARE UNDERLINED ABBREVIATIONS:								
1	1		2.4			Hyundal Santa Fe								
*		* *												
*	*		*											
*		*	*					*		<del></del>				

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=1.( AVERAGE [g/mi]   CH4 RAF = *				NMOG or	Introgen	HCHU=TO	rmaidenvde	• PM=par	ticulate m	atter i	H4 hydrocar RAF=reactiv	itu adlicetmi	ant factor	7/3 D [a/tact	1-2/2 day	
CERT		STD	NMOG NMH		1 NMHC	mg=millig	OT-BORK K	ւ [g/mi]≈ռո	nning loss 1000 miles	ORVR [g	ygallon.	dispensed]:	•on-board r	efueling var	or recovery derail test pr	g≖gram	
0.10	0	0.093	CERT [g/mi]	CERT [g/mi]	[g/mi]		[g/mi]		x [g/mi]	Н	CHO [	ng/mi]	PM [g		Hwy NO		
		@ 50K	(8,,,,,)	ravuni		CERT	STD	CERI	r   STE	CE	ERT	STD	CERT	STD	CERT	STD	
			0.027	*	0.100	0.4	4.4	0.1	0.4	0	).2	18	*	*	0.01	0.5	
		@ UL	0.031	•	0.130	0.5	5.5	0.1	0.5	0	0.3 23		. •	*	0.01	0.7	
	@ 50	°F & 4K	0.101	*	0.200	2.2	4.4	0.05	0.4	0	0.3	36	•	*	*	*	
@ 20		L	= @ 4K (SUL EV) or 50K (T	ier 1, TLEV)	NMHC+NOx [g/m (composite)		) (composite)		NMHC+NOx [g/mi] [US06]			O [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
50	50K		= @ UL (Tier 1, TLEV)		CERT	STD	CERT	STD	CERT	STD	CE	RT   STE	CERT	STD	CERT	STD	
CERT	5.2			SFTP 1	*	*	*	*	*	*		*	•	*	•		
STD	12.5			SFTP 2	*	*	*	. *	*	•	-	•	+	1.	•	•	
@ UL		EVAPOR	ATIVE FAN	MLY 1	EVAPORATIVE FAMILY 2 EVAPO					PORATI	RATIVE FAMILY 3			EVAPORATIVE FAMILY 4			
	3-D	2-	) RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVE	₹ 3-D	2-D	RL	ORVR	
CERT	0.7	2.	1 0.004	0.07	*	*	•	*	. *	*	+	-	*	•	•	•	
STD	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], 1968.1 [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.

Executed at El Monte, California on this \_\_\_\_\_\_\_ day of August 2002.

Aflen Lyons, Chief

Mobile Source Operations Division