California	Environmental	Protection	Agency	
------------	---------------	------------	--------	--

OB Air Resources Board

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 1 of 4

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED:

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.

			TEST G	ROUP INFOR	MATION				
MODEL YEAR	TEST GRO	UP VEHIC	LE CLASS(ES)	F	UEL CATEGORY	FU	FUEL TYPE		
2017	HFMXV05.2	VES	PC	DEDIC	ATED SINGLE FUEL	G	GASOLINE		
e o Suestantinger (Sta	USEFUL LIF	E (miles)	VEHICLE EN	ISSION CAT	EGORY	INTE	RIM / INTERME	DIATE IN-USE STD	
EXH/	ORVR	EVAP	FTP		SFTP	I	тр	SFTP	
120	,000	150,000	USEPA TIER3 BIN1 COUNTED AS ARI LEV2 ULEV	N110 ARB LEV2 SFTP STANDARD * *					
SPECIAL	FEATURES &	EXHAUST EMISSION	CONTROL SYSTEMS		OBD STATUS		ENGIN	E DISPLACEMENT (L)	
1	2TV	C, 2WR-HO2S, 2HO2	S, SFI	FULL	*				
*		. *		PARTIAL	*		5.2		
*		*		PARTIAL WI FINES	TH ALL MOD				
	and a strength of the state of the state	E	VAPORATIVE & REFUELI	NG (EVAP/OF	RVR) FAMILY INFORM	MATION	ennennen in der der her der seine der zu		
EV	AP / ORVR FA	MILY EVA	PORATIVE STD CATEGO	RY EVA	PEMISSION STD VEH	ICLE CLAS	S SPE	CIAL FEATURES	
	HFMXR0125N	DA .	LEV2		PC		HCT		
	*		*		*		*		
	*		*		*		*		
- African free and		and a state of the second s	EMISSION	CREDIT INF	ORMATION	y is a statistic we obtain	Constrainty of the Constrainty o	No. 위 실험에 있다. 시간 2 시간 22 시작 전체에 가지 않는 것이 있는 것 같아요?	
		LLOWANCE FOR TEST		NMOG CREDIT FOR		NMOG CREDIT FOR DOR		OPTIONAL EXH. STD FOR	
BASEL	INE PZEV	AT PZEV	TZEV	NON-PZEV ZERO-EVAP			N	WORK TRUCKS	
	NORM NOT COMPANY	ar galling an order the second		setting, weak statistica	N Defension of the second s	antopar in a station of	14 18		
			NMOG AND FLE		EINFORMATION				
NMOG RAF	CH4 RAF	FTP NMOG/NMHC RATIO	HCHO/NMHC RATIO		MOG+NOX FLEET +LDT (0-3750 LVW) (g			EET STD LDT (3751 LVW- VR) + MDPV (g/mi)	
	-	1.04	+		0.086		0.101		

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG+NOx Fleet Average" (PC or LDT or MDPV) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

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 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

California Environmental Protection Agency

🔎 Air Resources Board

FORD MOTOR COMPANY

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 2 of 4

BE IT FURTHER RESOLVED:

The listed vehicle models are conditionally certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the on-board diagnostic II (OBD) system of the listed vehicle models has been determined to have three deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of \$25 per vehicle for the third deficiency for vehicles in the listed test group that are produced and delivered for sale in California. On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2017 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to \$5000 per vehicle pursuant to HSC Section 43154.

BE IT FURTHER RESOLVED:

The listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961.2(a)(12) and the incorporated test procedures.

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 __ 4 day of May 2016

Annette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division **California Environmental Protection Agency**

OB Air Resources Board

EXECUTIVE ORDER A-010-1981

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 3 of 4

ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50 °F, 20 °F)

				AIIAOO	Emioore		DAILOO A	UD OLIN	Internet		0 (1 11 , 11		1,201	,			
	elões. Æli	FUEL 1	TYPE	HCHO= HC/mi]= Fahrenh	formaldehyd running loss neit; FTP=fe	le; PM=par s; ORVR [g deral test p	H4 organic g ticulate matt HC/gallon c procedure; S	er; RAF=r	eactivity adju	ustment fac afueling vap P	tor; 2DHS/3	DHS (g HC	/test]=2/3 da	ays diurnal+	+hot-soak; F	RL (g	'88S
				NM	OG+NOx (g/mi)	CC	D (g/mi)		HCHO	(mg/mi)		PM (g/r	ni)	HWY N	MOG+NOx	(g/mi
				CEF	RT .	STD	CERT	S	rd di	CERT	STD	C	ERT	STD	CER	TS	STD
FTP	@ 50K	*		*		*	*		k	*	*		*	*	*		* -
FTP	@UL	GASOLINI		0.04	43 (0.110	0.77	2	.1	*	4		*	0.010	0.02	2 0	.110
20°F	@ 50K	50K GASOLINE-COLD C		*		*	1.87	10	0.0	*	* *		*	*	*		*
50°F	50°F@4K *		*			*	*		*	* *		*		*	*		*
					SFTP E)	HAUST	EMISSION	STAND	ARDS AN	DCERTIF	ICATION	LEVELS					
					US	06				S	03			CC	OMPOSIT	E	
	FU	FUEL TYPE		+NOx ni)	CO (g/mi)	PM (m	ng/mi)		:+NOx mi)	CO (g/mi)	NMC	OG+NOx (g/mi)	CO (g	g/mi)
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	BIN	CERT	STE
@ 4K		LINE-TIER2	0.064	0.14	3.44	8.0	*	*	0.092	0.20	1.24	2.7	*	*	*	*	• *
@ UL		LINE-TIER2	*	*	*	*	*	*	*	*	*	*	0.075	0.103	0.120	*	*

WHOLE VEHICLE EVAPORATIVE/ORVR EMISSION STANDARDS AND CERTIFICATION LEVELS

EVAPORATIVE FAMILY			EHICLE EV	APORATIVE	RUNNING LOSS		ON-BOARD REFUELING				
	FUEL TYPE	3-DAYS DIURNAL + HOT SOAK (g/test) @ UL			2-DAYS DIURNAL + HOT SOAK (g/test) @ UL			(g/mi)		VAPOR RECOVERY (g/gallon) @ UL	
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD	CERT	STD
HFMXR0125NDA	GASOLINE-TIER2	0.436	0.50	*	*	0.65	*	0.000	0.05	0.015	0.20
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*

FUEL ONLY & CANISTER BLEED EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

			FUEL ONLY EVAP					
EVAPORATIVE FAMILY	FUEL TYPE	3-DAYS DIURN/ (g/test	AL + HOT SOAK) @ UL	2-DAYS DIURNA (g/test)		CANISTER BLEED (g/test)		
		CERT	STD	CERT	STD	CERT	STD	
*	*	*	*	* .	*	*	*	
*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	

OB Air Resources Board

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 4 of 4

* =not applicable; #=pounds; UL=useful life; PC=passenger car; LDT=light-duty truck; LDT1=LDT<6000#GVWR,0-3750#LVW; LDT2=LDT<6000#GVWR,3751-5750#LVW; LDT3=LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4=LDT 6001-8500#GVWR,5751-8500#ALVW; MDV=medium-duty vehicle; MDV4=MDV 8501-10000#GVWR; MDV5=MDV 10001-14000#GVWR; MDPV=medium-duty passenger vehicle; ECS=emission control system; CERT=certification; STD=standard; FEL=family emission limit; GVWR=gross vehicle weight rating; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; ULEV=ultra LEV; SULEV=super ULEV; ZEV=zero-emission vehicle; PZEV=partial ZEV; AT PZEV=advanced technology PZEV; TZEV=transitional ZEV; TWC/OC=3-way/oxidizing catalyst; ADSTWC=adsorbing TWC; HAC=HC adsorbing catalyst; WU=warm-up catalyst; NAC=NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3=selective catalytic reduction-urea/ammonia; NH3OC=ammonia oxidation catalyst; CTOX/PTOX= continuous/periodic trap oxidizer; DPF=diesel particulate filter (active); GPF=PM filter for spark-ignited engine; HO2S/O2S=heated/oxygen sensor; WR-HO2S or AFS=wide range/linear/heated air-fuel ratio sensor; NOXS=NOX sensor; PMS=PM sensor; RDQS=reductant quality sensor; NH3S=ammonia sensor; EGR=exhaust gas recirculation; DFI/IFI-direct/indirect fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; FIP/S=full/partial/multiport fuel injection; DFI/IFI-direct/indirect fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; FIP/S=full/partial/multiport fuel atural gas; LPG=liquefied petroleum gas; E85-CARB: 85% ethanol+15% CA Phase2 gasoline; E85-EPA: 85% ethanol+15% Tier2 unleaded gasoline; E10-CARB: 10% ethanol+90% CA Phase2 gasoline; E10-EPA: 10% ethanol+90% Tier2 unleaded gasoline; A=automatic transmission; M=manual transmission; SA=semiautomatic transmission; L=lock-up automatic transmission; CV=continuously variable transmission; AM=automated manual transmission; AMS=automated

2017 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL		ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
FORD	SHELBY GT350 MUSTANG	PC	5.2	M6	HFMXR0125NDA	1	\$	*