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

IT IS ORDERED AND RESOLVED: The following diesel or incomplete medium-duty vehicles (MDV) with a manufacturer's GVWR from 8501 to 14000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

1 1 0	1.15		17 S. May 201	ENGINE D	DESCRI	PTION -	79 21 10 27 10			19.30
	ENGINE FAMILY JCEXH0408BAQ		ENGINE	EMISSION STD CATEGORY 2		UEL TYPE 1	STANDARDS	ENGINE SIZES (L)	ECS & SPECIAL FEATURES 3	EF OBD
MODEL YEAR			MANUFACTURER				& TEST			
	A-021-0672					Diesel	PROCEDURE	6.7	DDI, TC, CAC , ECM, EGR, OC, PTOX, SCR-U, AMOX	
2018			CUMMINS, INC.	ULEV '			Diesel			
Gasoline, L	PG or A	Alcohol Vehicles	Service of the service of		10,3	VEHICLE DE	SCRIPTION	1 3 - 3 m m	and the second of the second of the second	Man and a
EVAPORATIVE FUEL TANK		VEHICLE	VEHICLE MAKE &	VEH.	ENGINE	ENGINE MODELS / CODES			ENG.	
FAMILY	UL (K)	(gallons)	MODEL YEAR	MODELS	OBD	(L)		(rated powe	r, in hp)	OBD -
			2018	Ram 3500 Cab Chassis 2WD/4WD	OBD(\$	6.7	ISB6.7 320 / 4906;FR95659/SC93388 (320)			OBD(\$)
*		*	2018	Ram 3500 Cab Chassis 2WD/4WD	OBD(\$	6.7	ISB6.7 325	/ 4904;FR95	6657/SC93386 (320)	OBD(\$)
		. *	2018	Ram 3500 Cab Chassis 2WD/4WD	OBD(\$	6.7		V / 4904;FR	95657/SC93385 (320) nicle rating)	OBD(\$)

* =not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section 86.abc; L=liter; hp=horsepower; kw=kilowatt; EF=engine family; (2004jun02)

1 CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a BF=bi fuel; DF=dual fuel; FF=flexible fuel;

SULEV / ULEV / LEV=super ultra / ultra / low emission vehicle;

SULEV / ULEV / LEV=super uttra / uttra / low emission vehicle;

SCR-U / SCR-U / SCR-N=selective catalytic reduction – urea / – ammonia; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter, PTOX=periodic trap oxidizer, HO2S/O2S=heated/oxygen sensor, HAFS/AFS=heated/air-fuel-ratio sensor (a.k.a., universal or linear oxygen sensor);

TBI=throttle body fuel injection; SFI/MFI=sequential/multi port fuel injection; DGI=direct gasoline injection; GCARB=gaseous carburetor; IDI/DDI=indirect/direct diesel injection; TC/SC=turbo/ super charger, CAC=charge air cooler; EGR / EGR-C=exhavst gas recirculation / cooled EGR; PAIR/JAIR=pulsed/secondary air injection; SPL=smoke puff limiter; OBD(F) / (P) / (S)=full / partial / partial with a fine / on-board diagnostic; ECM/PCM=engine/powertrain control module; EM=engine modification; 2 (prefix)=parallel; (2) (suffix)=in series;

Following are: 1) the FTP exhaust emission standards or family emission limit(s) as applicable under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavyduty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, in g/bhp-hr, for this engine family. "Diesel" CO, SET and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For dual- and flexible-fuel, the CERT values in brackets [] are those when tested on conventional test fuel.)

	NMHC		NOx		NMHC+NOx		CO		PM		НСНО	
	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET .
STD	0.14	0.14	0,20	0.20	•	. *	15.5	15.5	0.01	0.01	0.050	0.050
FEL			0.30	0.30	*		*		*	*	*	
CERT	0.003	0.000	0.19	0.11		•	0.4	0.1	0.000	0.002	0.0002	0.0000
NTE	0.21		0.	0.45		• 1		19.4		0.02		75

g/bhp-hr=grams per brake horsepower-hour, FTP=Federal Test Procedure; SET=Supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter;

BE IT FURTHER RESOLVED: The manufacturer has demonstrated compliance with the Greenhouse Gas Emission Standards as specified in Title 13 CCR 1956.8 and the incorporated "California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles" (HDDE Test Procedures) adopted Dec. 12, 2002, as last amended Oct. 21, 2014 using the 2014 model year National Heavy-Duty Engine and Vehicle Greenhouse Gas Program as specified in Section 1036.108 of the HDDE Test Procedures. The manufacturer has submitted the required information and therefore has met the criteria necessary to receive a California Executive Order based on the Environmental Protection Agency's Certificate of Conformity for the above listed engine family.

In g/bhp-hr	EPA CERTIFICAT	E OF CONFORMITY	PRIMARY INTENDED SERVICE CLASS				
	JCEXH04	08BAQ-001	VOCATIONAL				
	C	O ₂	CH ₄	N ₂ O			
	FTP	. SET					
STD	576	*	0.10	0.10			
FCL	597	*	*	*			
FEL	615	*	0.10	0.10			
CERT	597	*	0.03	0.06			

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=Supplemental emissions testing; STD = standard or emission test cap; FEL=family emission limit; VOCATIONAL=vocational engine; FCL=family certification level; CERT=certification level; CO₂=carbon dioxide; CH₄=methane; N₂O=nitrous oxide;



FCA US LLC

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BE IT FURTHER RESOLVED: Certification to the FEL(s) / FCL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) / FCL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: That the manufacturer has elected to include engine models in this engine family which are identified for "emergency vehicle use only". These "emergency vehicle use only" engines are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices per California Vehicle Code Section 27156.2. The manufacturer must clearly label these engines for "emergency vehicle use only" on the engines' emission control label.

BE IT FURTHER RESOLVED: The listed engine 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 engine models has been determined to have nine deficiencies. The listed engine models are approved subject to the manufacturer paying a fine of \$325 per engine for the third through ninth deficiencies in the listed test group that is 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 engines 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 2018 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 engines 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 engine pursuant to HSC Section 43154.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the optional emission standards and test procedures in 13 CCR 1956.8 applicable to diesel or incomplete MDV with a 8501-14000 pound GVWR and shall be subject to 13 CCR 2139(c) (in-use testing of engines certified for use in diesel or incomplete MDV with a 8501-14000 pound GVWR).

BE IT FURTHER RESOLVED: For the listed vehicle models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1968.2 (on-board diagnostic, full or partial compliance), 13 CCR 1976(b)(1)(B)-(C) or 13 CCR 1976(b)(1)(F) {evaporative emission standards}, 13 CCR 2035 et seq. (emission control warranty), and 13 CCR 2235 [fill pipes and openings of motor vehicle fuel tanks]. (The braces {} are for gasoline, LPG or alcohol fueled vehicles only.)

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

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

day of October 2017