



BOMBARDIER
RECREATIONAL
PRODUCTS, INC.

Executive Order: M-117-0032-1
New On-Road Motorcycles/Engines
Page 1 of 3

Pursuant to the authority vested in California Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 1 and 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for on road motorcycles. Production vehicles shall be in all material respects the same as those for which certification is granted. The manufacturer shall ensure that character "C" or "3" is not used in the eighth (8th) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect registration of the vehicles

Model Year	Engine Family	Vehicle Category	Fuel Type(s)	Strokes per cycle
2023	PBCXC.599BHL	HMC-III	GAS	4

Special Features & Emission Control Systems (ECS)	Engine(cc)
TWC, HO2S, MFI	599.5

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated or HC+NOx standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated or HC+NOx standard, as applicable, shall be listed on the permanent tune-up label.

Exhaust Emissions (G/KM)			
Pollutant	CERT	STD	DES_STD
HC	0.052	*	*
HC+NOx	0.18	0.8	*
CO	1	12	

Diurnal and Hot Soak: Hydrocarbon Emissions (g/test)		
Evaporative Family (EVAP)	CERT	STD
PBCXU002606A	0.6	2.0

BE IT FURTHER RESOLVED: That certification to the designated HC or HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions. The designated HC or HC+NOx standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC or HC+NOx exhaust standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials required to demonstrate certification compliance with California Air Resources Board's emission control system warranty regulations (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That because the listed motorcycles are certified to 0.2 grams per test or more below the applicable evaporative standard, the vehicles are exempt from complying with California Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

BE IT FURTHER RESOLVED: The listed vehicle models are certified conditionally on the manufacturer providing permeation and evaporative emissions data to demonstrate compliance with emission standards. This data must be submitted by December 23, 2022 as described in the manufacturer's request for conditional Executive Order dated July 26, 2022. Failure to provide the above data within the stipulated time, or failure of the data to be approved by the California Air Resources Board may be cause for the Executive Officer to rescind this conditional certification. Vehicles sold or introduced into commerce under the revoked conditional Executive Order shall be deemed uncertified and subject to a civil penalty of up to \$42,450 per violation per vehicle pursuant to HSC Section 43154.

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

This Executive Order hereby cancels and supersedes Executive Order M-117-0032 dated May 27, 2022.



This Executive Order is only granted to the engine family and model-year listed above. Vehicles in this family that are produced for any other model-year are not covered by this Executive Order.

See Attachment A for vehicle descriptions.

Executed on this 3rd day of October 2022.

A handwritten signature in cursive script that reads "Robin U. Lang".

Robin U. Lang, Chief
Emissions Certification and Compliance Division

ATTACHMENT A

Make	Model	Engine (cc)	EIM (kg)	TRANS	ECS	EVAP
BOMBARDIER	CAN-AM RYKER 600	599.5	360	CVT	TWC, HO2S, MFI	PBCXU002606A

ABBREVIATIONS:

GENERAL: 13 CCR 1958, etc.=Title 13, California Code of Regulations, Section 1958, etc.; 40 CFR86.401-90, etc.=Title 40, Code of Federal Regulations, Section 86.401-90, etc.;

HIGHWAY MOTORCYCLE & OFF-HIGHWAY RECREATIONAL VEHICLE CATEGORIES: ATV or ATVA=all terrain vehicle conforming to the California definition in 13 CCR 2411(a); ATVB=Off-highway or non-road recreational vehicles that meet USEPA definition for an all-terrain vehicle or USEPA definition for an off-road utility vehicle and, in addition, meet one or more CARB definitions for an all terrain vehicle, off-road utility vehicle, off-road sport vehicle, and/or sand car; EGC=electric golf cart; HMC=on-road or highway motorcycle; HMC-IA / -IB=HMC below 50 cc / 50 cc to below 170 cc; HMC II=HMC 170 cc to below 280 cc; HMC-III=HMC 280 cc and above; OFMC=off-road motorcycle; SC=sand car above 1000 cc; OFRSV=off-road sport vehicle, including otherwise sand car but with 1000 cc engine or smaller; OFRUV=off-road utility vehicle;

FUEL TYPES: CLNG=natural gas in either CNG or LNG form; CNG / LNG=compressed / liquefied natural gas; DF_CNG/GAS=dual-fuel CNG or gasoline, etc; DSL=diesel; GAS=gasoline; HYD=hybrid; LPG=propane or liquefied petroleum gas;

EMISSION CONTROL SYSTEMS & SPECIAL FEATURES: (prefix) 2, 3, 4=2, 3, or 4 catalysts, sensors, TC, SC, CAC, etc. in parallel arrangement; (parenthetic suffix) (2), (3), (4)=2, 3, or 4 catalysts, sensors, TC, SC, CAC, etc. in series arrangement; AIR / PAIR=secondary / pulsed air injection; CAC=charge air cooler; DFI/ IFI=direct / indirect fuel injection; EGR=exhaust gas recirculation; EGRC=EGR cooler; EM=engine modification; O2S / HO2S / WR HO2S=oxygen sensor / heated O2S / wide range HO2S; OC=oxidation catalyst; TC=turbocharger; TBI / MFI / SFI / DGI=throttle body / multi port / sequential / direct gasoline fuel injection; TRANS=transmission type; TWC=three way catalyst; SC=supercharger; TWC+OC=TWC plus OC in same container; (prefix) WU=warm-up catalyst;

CERTIFICATION EMISSION LEVELS & STANDARDS: bhp=brake hp; cc=cubic centimeter; CERT=certification emission level; CID=cubic inch displacement; CO=carbon monoxide; CO2=carbon dioxide; D+HS=diurnal plus hot soak evaporative emissions; DES_STD=manufacturer designated standard; EIM=equivalent inertia mass; EVAP=evaporative family; FEL=family emission limit; g=gram; gal=gallon; g/bhp-hr=grams per brake horsepower-hour; g/km=grams per kilometer; g/kW-hr=grams per kilowatt-hour; g/m2-day=grams per square meter per day; g/test=grams per test; HC=(total) hydrocarbons; hp=horsepower; hr=hour; K=1000 miles; kg=kilograms; km=kilometer; kW=kilowatt; L=liter; m2=square meter; mi=mile; mg=milligram; NOX=oxides of nitrogen; NMHC=non methane hydrocarbons; PEVAP=permeation evaporative family; STD=emission standard; *=not applicable; (superscript) o=degree (temperature); oF=degree Fahrenheit; oC=degree Celsius.