California Environmental Protection Agency AIR RESOURCES BOARD	BENELLI S.p.A.	EXECUTIVE ORDER M-066-0002 New On-Road Motorcycles

Pursuant to the authority vested in the Air Resources Board by the 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-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered 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	EVAPORATIVE FAMILY	ENGINE DISPLACEMENT (cc)	CLASS
2005	5BENC1.13201	5BENE0018201	1131	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
SFI, TWC	TNT 1130 (290 kg) Tornado 900 LE (290 kg) Tornado 900 Tre (290 kg) Tornado 900 Tre LE (290 kg)	

ABBREVIATIONS: EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series

The following are the exhaust hydrocarbon (HC) and carbon monoxide (CO) standards, or designated HC 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 HC standard, as applicable, shall be listed on the permanent tune-up label.

HC (g/km)				CO (g/km)		EVAPORATIVE (g/test)	
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
*	*	1.4	0.4	12	10	2.0	1.0

BE IT FURTHER RESOLVED: That certification to the designated HC standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC 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 the 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 the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

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

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.

Executed at El Monte, California on this 17TH day of February 2005.

Allen Lyons, Chief
Mobile Source Operations Division

M-066-0002

2005 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
MOTORCYCLES

Manufacturer: **Benelli, S.p.A.**
Exhaust Engine Family: **5BENC1.13201**
Evaporative Family: 5BENE0018201

All Engine Codes in Engine Family: CA X 49S X 50S__
Max Rated Power: **101kw @ 9,500 RPM**
Exhaust ECS: ~~CAT~~ SFI, TWC

Engine Information	
Displacement (cc)	**1131**
Engine Configuration	**OHC**
Valves / Cylinder	**1**
Strokes / Cycle	**4**
Cooling Medium	**LIQUID**
No. Carburetors	**N/A**
Bbls per Carb	**N/A**
Fuel Injection	**ELECTRONIC**

		Page No. In Application
1.	Warranty Statement	Section 3
2.	Warranty Parts List	Section 7, page 7-10
3.	Tune-up Label & Vac Hose Diagram	Section 7, page 11
4.	Projected Sales	Section 7, page 12
5.	Vehicle Description	Section 7
6.	Durability Data Plot – Exhaust/Evaporative	
7.	Total California Sales <500	YES **XX** NO
8.	Carryover / Carry-Across MY & ID	Exhaust / Evaporative
	Durability **ZBNTN00004P100012**	**NEW** / assigned DF 0.5
	Bench	**N/A** / assigned DF0.5
	Emission **ZBNTN00004P100012**	**NEW** / same as exhaust
9.	Type of Evaporative Control	**canister**
10.	Evap Bench Test Proc Approval	Date: **N/A**
11.	Fill Pipe/Access Zone	Meet_____ Exempt X
12.	EPA Certificate	No _____ Yes X # MC -
13.	Corporate Plan	Date: **N/A**

PROJECTED EMISSIONS (1)

Vehicle ID	0001 Code	Displ.	Trans	EIM	RL Force	KPG	HC gm/km	CO gm/km	Evap gm/t	CO 2 gm/km
ZBNTN00004P100012	**ZBNB5**	**1131**	**M-6**	**290**	**133.4**		**0.392**	**10.199**	**0.9920**	**140.0**

___ 1.4 Corporate Average
___ 1.0 Corporate Average
X 1.4 HC

(1) Comply with Class III standards of ___ 1.0 12 2.0
And include deterioration factors of ___ **3.80** **1.24** **0.5**

Evaporative DF is average of Vehicle N/A and Bench assigned DF of 0.5
The designated exhaust HC emission standard is: _____ gm/km or N/A

Remarks:

Application Processed by: K. Pryor Date: 2/4/05 Reviewed by: L Hack Date: 2-9-05

Date Issued:

Revisions: