Annex 1

ESSENTIAL CHARACTERISTICS OF THE ENGINE AND INFORMATION CONCERNING THE CONDUCT OF TESTS 1/

1. Description of the engine

1.1. Make . . . . . .

1.2. Type . . . . . .

1.3. Cycle: four-stroke/two-stroke 2/

1.4. Number and arrangement of cylinders . . . . . .

1.5. Bore . . . . . mm

1.6. Stroke . . . . . mm

1.7. Cylinder capacity . . . . . cm^3

1.8. Compression ratio 3/ 4/ . . . . . .

1.9. Drawings of the combustion chamber and of the piston, including the piston rings . . . . . .

1.10. System of cooling . . . . . .

1.11. Supercharger: with/without 2/ description of the system . . .

1.12. Device for recycling crank-case gases (description and diagrams) . . . . . .

1.13. Air filter: drawings, or makes and types . . . . . .

1.14. System of lubrication (two-strok engines - separate or by mixture) . . . . . .

2. "Additional anti-pollution devices" (if any, and if not covered by another heading)
Description and diagrams . . . . . .

3. Air intake and fuel feed

3.1. Description and diagrams of air intakes and their accessories (dashpot, heating device, additional air intakes, etc.) . . . . . .

1/ In the case of unconventional engines and systems, particulars equivalent to those mentioned here shall be supplied.

2/ Strike out what does not apply.

3/ "Compression ratio" = volume combustion chamber + cylinder capacity
. volume combustion chamber

4/ Specify the tolerance.

3.2. Fuel feed

3.2.1. by carburetor(s) 1/ . . . . number . . . . . .

3.2.1.1. Make . . . . . .

3.2.1.2. Type . . . . . .

3.2.1.3. Settings.2/

3.2.1.3.1. Jets . . . . .) (

3.2.1.3.2. Venturis . . . . .) (Curve of fuel

3.2.1.3.3. Float-chamber level . . . .) or (delivery plotted

3.2.1.3.4. Weight of float . . . . .) (against air flow 1/ 2/

3.2.1.3.5. Float needle . . . . .) (

3.2.1.4. Manual/automatic choke 1/ . closure setting 2/ . . . . .

3.2.1.5. Feed pump

Pressure 2/. . . . . or characteristic diagram 2/ . . . . .

3.2.2. by injector 1/

3.2.2.1. Pump

3.2.2.1.1. Make . . . . . .

3.2.2.1.2. Type . . . . . .

3.2.2.1.3. Delivery . . . mm^3 per stroke a pump speed of . . . r.p.m. 1/ 2/

or characteristic diagram 1/ 2/ . . . . . .

3.2.2.2. Injector(s)

3.2.2.2.1. Make . . . . . .

3.2.2.2.2. Type . . . . . .

3.2.2.2.3. Calibration . . . . . bars 1/ 2/

or characteristic diagram 1/ 2/

4. Valve timing

4.1. Timing for mechanically operated valves

4.1.1. Maximum lift of valves and angles of opening and closing in relation to dead centres . . . . . .

. . . . . .

. . . . . .

1/ Strike out what does not apply.

2/ Specify the tolerance

4.1.2. Reference and/or setting clearance 1/ . . . . . .
4.2. Distribution by ports
4.2.1. Volume of crank-case cavity with piston at tdc . . . . . .
4.2.2. Description of reed valves if any (with dimensioned drawing) .
4.2.3. Description (with dimensioned drawing) of inlet ports, scavenging and exhaust, with corresponding timing diagram . . . . . .

5. Ignition
5.1. Distributor(s)
5.1.1. Make . . . . . .
5.1.2. Type . . . . . .
5.1.3. Ignition advance curve 2/ . . . . . .
5.1.4. Ignition timing 2/ . . . . . .
5.1.5. Contact-point gap 2/ . . . . . .

6. Exhaust system
Description and diagrams . . . . . .

7. Additional information on test conditions
7.1. Lubricant used . . . . . .
7.1.1. Make . . . . . .
7.1.2. Type . . . . . .
(State percentage of oil in mixture if lubricant and fuel mixed)
7.2. Sparking plugs
7.2.1. Make . . . . . .
7.2.2. Type . . . . . .
7.2.3. Spark-gap setting . . . . . .
7.3. Ignition coil . . . . . .
7.3.1. Make . . . . . .
7.3.2. Type . . . . . .
7.4. Ignition condenser . . . . . .
7.4.1. Make . . . . . .
7.4.2. Type . . . . . .

1/ Strike out what does not apply.
2/ Specify the tolerance

7.5. Idling system. Description of setting and relevant requirements in accordance with paragraph 5.2.1.2.1. . . . . .

. . . . . .

7.6. Carbon monoxide content by volume in the exhaust gas, with the engine idling . . . per cent (manufacturer's standard) . . . .

8. Engine performance

8.1. Idling speed . . . . . r.p.m. 1/

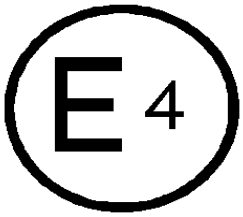
8.2.2 Engine speed at maximum power . . . . . r.p.m. 1/

8.3. Maximum power . . . . . kW ECE

1/ Specify the tolerance

Annex 2

(Maximum format: A 4(210 x 297 mm))



Name of the Administration

Communication concerning the approval (or refusal or withdrawal of approval or production definitely discontinued) of a vehicle type (motor cycle) with regard to the emission of gaseous pollutants by the engine, pursuant to Regulation No. 40

Approval No.

1. Trade name or mark . . . . . .
2. Type of motor cycle . . . . . .
3. Manufacturer's name and address . . . . . .
4. If applicable, name and address of manufacturer's representative . . . . . .
5. Unladen weight of vehicle . . . . . .
5.1 Reference weight of vehicle . . . . . .
6. Maximum weight of vehicle . . . . . .
7. Gear box . . . . . .
7.1. Manual or automatic 1/ . . . . . .
7.2. Number of gear ratios . . . . . .
7.3. Gear ratio: 2/ First gear . . . . . .
Second gear . . . . . .
Third gear . . . . . .
Final drive ratio . . . . . .
Tyres: dimensions . . . . . .
Dynamic rolling circumference . . . . . .
7.4 Check of performances referred to in annex 4, paragraph 3.1.5., to this Regulation . . . . . .
8. Reference fuel No. . . . . .
9. Vehicle submitted for approval on . . . . . .
10. Technical service responsible for conducting approval tests . . . .

1/ Strike out what does not apply.

2/ In the case of power-driven vehicles equipped with automatic-shift gear boxes, give all pertinent technical data.

11. Date of report issued by that service . . . . . .
12. Number of report issued by that service . . . . . .
13. Approval granted/refused 1/ . . . . . .
14. Position of approval mark on the vehicle . . . . . .
15. Place . . . . . .
16. Date . . . . . .
17. Signature . . . . . .
18. The following documents, bearing the approval number shown above, are annexed to this communication:

1 copy of annex 1, duly completed and accompanied by the drawings and diagrams referred to.

1 photograph of the engine and its compartment;

1 copy of the test report.

1/ Strike out what does not apply.