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COUNCIL DIRECTIVE

of 6 April 1976

on the approximation of the laws of the Member States relating to the braking devices of wheeled agricultural or forestry tractors

(76/432/EEC)

(OJ L 122, 8.5.1976, p. 1)

Amended by:

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► <u>M2</u>	Commission Directive 96/63/EC of 30 September 1996	L 253	13	5.10.1996
► <u>M3</u>	Directive 97/54/EC of the European Parliament and of the Council of 23 September 1997	L 277	24	10.10.1997

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- **C1** Corrigendum, OJ L 226, 18.8.1976, p. 16 (76/432/EEC)

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COUNCIL DIRECTIVE

of 6 April 1976

on the approximation of the laws of the Member States relating to the braking devices of wheeled agricultural or forestry tractors

(76/432/EEC)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 100 thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Parliament⁽¹⁾,

Having regard to the opinion of the Economic and Social Committee⁽²⁾,

Whereas the technical requirements which tractors must satisfy pursuant to national laws relate *inter alia* to their braking devices;

Whereas those requirements differ from one Member State to another; whereas it is therefore necessary that all Member States adopt the same requirements either in addition to or instead of their existing rules, in order, in particular, to allow the EEC type-approval procedure, which was the subject of Council Directive 74/150/EEC of 4 March 1974 on the approximation of the laws of the Member States relating to the type-approval of wheeled agricultural or forestry tractors⁽³⁾, to be applied in respect of each type of tractor;

Whereas the harmonized requirements are intended principally to improve safety on the road and at work throughout the whole Community;

Whereas the approximation of national laws relating to tractors involves the mutual recognition by Member States of the inspections carried out by each of them on the basis of common requirements; whereas, for such a system to function successfully, these requirements must be applied by all Member States with effect from the same date,

HAS ADOPTED THIS DIRECTIVE:

Article 1

1. 'Agricultural or forestry tractor' means any motor vehicle, fitted with wheels or ►C1 endless tracks ◄, and having at least two axles, the main function of which lies in its tractive power and which is specially designed to tow, push, carry or power certain tools, machinery or trailers intended for agricultural or forestry use. It may be equipped to carry a load and passengers.

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2. This Directive shall apply only to tractors defined in paragraph 1 which are equipped with pneumatic tyres and have at least two axles and a maximum design speed of between 6 and ►M3 40 km/h ◄.

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Article 2

No Member State may refuse to grant EEC type-approval or national type-approval of a tractor on grounds relating to its braking devices if that tractor is fitted with the devices specified in Annexes I to IV and if these devices satisfy the requirements set out therein.

(1) OJ No C 5, 8. 1. 1975, p. 54.

(2) OJ No C 62, 15. 3. 1975, p. 29.

(3) OJ No L 84, 28. 3. 1974, p. 10.



Article 3

No Member State may refuse the registration or prohibit the sale, entry into service or use of tractors on grounds relating to their braking devices if these tractors are fitted with the devices specified in Annexes I to IV and if these devices satisfy the requirements set out therein.

Article 4

A Member State which has granted type-approval of a tractor shall take the necessary measures to ensure that it is informed of any modification to a component or characteristic mentioned in 1.1 of Annex I. The competent authorities of that Member State shall decide whether fresh tests should be carried out on the modified type of tractor and a fresh report drawn up. If such tests reveal failure to comply with the requirements of this Directive, the modification shall not be approved.

Article 5

The amendments necessary for adapting the requirements of the Annexes to take account of technical progress shall be adopted in accordance with the procedure laid down in Article 13 of Council Directive 74/150/EEC.

Article 6

1. Member States shall adopt and publish the provisions necessary to comply with this Directive by 1 January 1977 and shall forthwith inform the Commission thereof.

They shall implement these provisions with effect from 1 October 1977.

2. After notification of this Directive, Member States shall take steps to inform the Commission, in sufficient time for it to make comments, of any draft laws, regulations or administrative provisions which they intend to adopt in the field covered by the Directive.

Article 7

This Directive is addressed to the Member States.



ANNEX I

**DEFINITIONS, APPLICATION FOR EEC TYPE-APPROVAL, EEC
TYPE-APPROVAL, CONSTRUCTION AND FITTING REQUIREMENTS**
1. DEFINITIONS
1.1. Type of tractor with respect to the braking devices

‘Type of tractor with respect to the braking devices’ means tractors which do not differ in such essential respects as:

- 1.1.1. unladen weight, as defined in 1.18,
- 1.1.2. maximum weight, as defined in 1.16,
- 1.1.3. distribution of the weight between the axles,
- 1.1.4. technically permissible maximum weight on each axle,
- 1.1.5. maximum design speed,
- 1.1.6. different type of braking device (with particular reference to the presence or otherwise of devices for braking a trailer),
- 1.1.7. number and arrangement of the braked axles,
- 1.1.8. type of engine,
- 1.1.9. overall transmission ratio corresponding to maximum speed,
- 1.1.10. tyre dimensions (braked axles).

1.2. Braking device

‘Braking device’ means a combination of parts whose function is progressively to reduce the speed of a moving tractor or to bring it to a halt, or to keep it stationary if already halted. These functions are specified in 4.1.2. A device shall consist of the control, the transmission and the brakes themselves.

1.3. Graduated braking

‘Graduated braking’ means braking during which, on either the application or release of the brakes, within the normal range of operation of the device:

- 1.3.1. the driver can at any time increase or reduce the braking force through action on the control,
- 1.3.2. the braking force acts in the same direction as the action on the control (monotonic function),
- 1.3.3. it is easy to make a sufficiently fine adjustment to the braking force.

1.4. Control

‘Control’ means the part actuated directly by the driver to supply to the transmission the energy required for braking or controlling it. This energy may be the muscular energy of the driver, or energy from another source controlled by the driver, or a combination of these various kinds of energy.

1.5. Transmission

‘Transmission’ means the combination of components situated between the control and the brake and connecting the two operationally. The transmission may be mechanical, hydraulic, pneumatic, electrical, or mixed. Where the braking power is derived from or assisted by a source of energy independent of the driver but controlled by him, the reserve of energy in the device shall likewise be regarded as part of the transmission.

▼B**1.6. Brake**

‘Brake’ means the component in which the forces opposing the movement of the tractor develop. It may be a friction brake (when the forces are generated by the friction between the two parts of the tractor moving relatively to one another), an electrical brake (when the forces are generated by electro-magnetic action between two parts of the tractor moving relatively to but not in contact with one another), a fluid brake (when the forces are generated by the action of a fluid situated between two parts of the tractor moving relatively to one another), or an engine brake (when the forces are derived from a controlled increase in the braking action of the engine transmitted to the wheels). A device which mechanically locks the tractor’s transmission but which cannot be used when the tractor is in motion shall be regarded as a parking brake.

1.7. Different types of braking devices

‘Different types of braking devices’ means equipment which differs in such essential respects as:

- 1.7.1. the characteristics of one or more components, for example the material, shape or size,
- 1.7.2. the arrangement of the components.

1.8. Braking system component

‘Braking system component’ means one of the individual parts which, when assembled, constitute the braking device.

1.9. Continuous braking

‘Continuous braking’ means the braking of combinations of vehicles through an installation having the following characteristics:

- 1.9.1. a single control which the driver actuates progressively, by a single movement, from his driving seat,
- 1.9.2. the energy used for braking the vehicles constituting the vehicle combination is supplied from the same source (which may be the muscular energy of the driver),
- 1.9.3. the braking installation ensures simultaneous or suitably phased braking of each of the constituent vehicles of the combination, whatever their relative positions.

1.10. Semi-continuous braking

‘Semi-continuous braking’ means the braking of combinations of vehicles through an installation having the following characteristics:

- 1.10.1. a single control which the driver can actuate progressively, by a single movement, from his driving seat,
- 1.10.2. the energy used for braking the vehicles constituting the vehicle combination is supplied from several different sources (one of which may be the muscular energy of the driver),
- 1.10.3. the braking installation ensures simultaneous or suitably phased braking of each of the constituent vehicles of the combination, whatever their relative positions.

1.11. Independent power-operated braking

‘Independent power-operated braking’ means the braking of combinations of vehicles by means of devices having the following characteristics:

- 1.11.1. a tractor brake control which is independent of the towed vehicle brake control; the latter being in all cases mounted on the tractor in such a way as to be easily actuated by the driver from his driving seat,
- 1.11.2. the muscular energy of the driver is not the energy used for braking the towed vehicles.

▼B**1.12. Independent braking**

‘Independent braking’ means the braking of combinations of vehicles by means of devices having the following characteristics:

- 1.12.1. a tractor brake control which is independent of the trailer brake control, the latter being in all cases mounted on the tractor in such a way as to be easily actuated by the driver from his driving seat,
- 1.12.2. the muscular energy of the driver is the energy used for braking the towed vehicles.

1.13. Automatic braking

‘Automatic braking’ means braking of the towed vehicle or vehicles occurring automatically in the event of separation of components of the combination of coupled vehicles, including such separation through coupling breakage, without the braking effectiveness of the remainder of the combination being substantially reduced.

1.14. Inertia braking

‘Inertia braking’ means braking by utilizing the forces generated by the trailer closing up on the tractor.

1.15. Laden tractor

‘Laden tractor’ means, except where otherwise stated, a tractor laden to its ‘maximum weight’.

1.16. Maximum weight

‘Maximum weight’ means the maximum technically permissible weight stated by the manufacturer (this weight may be higher than the ‘authorized maximum weight’).

1.17. Unladen tractor

‘Unladen tractor’ means the tractor in running order, with full tanks and radiators, with a driver of a mass of 75 kg, but without passengers, optional accessories or load.

1.18. Unladen weight

‘Unladen weight’ means the weight of the unladen tractor.

2. APPLICATION FOR EEC TYPE-APPROVAL

- 2.1. An application for EEC type-approval for a type of tractor with respect to the braking devices shall be submitted by the manufacturer or by his authorized representative.

- 2.2. It shall be accompanied by the following documents in triplicate:

- 2.2.1. a description of the type of tractor as regards the points mentioned in 1.1.1 to 1.1.10. The numbers and/or symbols given by the manufacturer or his authorized representative to the type of tractor must be supplied,
- 2.2.2. a list of parts, each properly identified, which make up the braking device,
- 2.2.3. a diagram of the braking device showing the position of each of the parts on the tractor, in order to enable the various components to be located and identified.

- 2.3. The following must also be provided:

- 2.3.1. a tractor, representative of the type of tractor to be approved,
- 2.3.2. such drawings as may be requested of maximum A4 size (210 × 297 mm), or folded to this size and drawn to the appropriate scale.



3. EEC TYPE-APPROVAL

The form as illustrated in Annex V shall be completed and attached to the EEC type-approval certificate.

4. CONSTRUCTION AND FITTING REQUIREMENTS

4.1. General

4.1.1. *Braking device*

4.1.1.1. The braking device must be so designed, constructed and installed as to enable the tractor in normal use to comply with the undermentioned requirements, despite any vibration to which it may be subjected.

4.1.1.2. In particular, the braking device must be so designed, constructed and installed as to resist corrosion and the effects of ageing during service, which could lead to a sudden loss of braking efficiency.

4.1.2. *Functions of the braking device*

The braking device defined in 1.2 must meet the following conditions:

4.1.2.1. Service brakes

4.1.2.1.1. The service brake must enable the motion of the tractor to be controlled and the tractor to be stopped safely, quickly and efficiently, at any design speed and with the authorized load on both up and down gradients. It must be possible to regulate its action. These conditions are deemed to be fulfilled if the requirements of Annex II are satisfied.

The driver must be able to apply the service brake from his seat and retain control of the steering device on the tractor with at least one hand. The service brake of the tractor may comprise right and left hand devices. It must be possible to connect them up so that they can be actuated in a single operation, and possible to disconnect them again.

Each device, right or left hand, must have a system of adjustment, which may be either manual or automatic, enabling the balance of the brakes to be easily restored.

4.1.2.2. Parking brakes

4.1.2.2.1. The parking brake must enable the tractor to be held stationary on an up or down gradient even in the absence of the driver, the working parts being then held in the locked position by a purely mechanical device. This may be achieved by means of a brake acting on the transmission. The driver must be able to apply the parking brake from his seat; a repeated action to obtain the required performance is permitted.

4.2. Characteristics of braking devices

4.2.1. The set of braking devices with which a tractor is equipped must satisfy the requirements laid down for the service and parking brakes.

4.2.2. The service and parking brake devices may have common components, provided that they fulfil the following conditions:

4.2.2.1. there must be at least two controls, independent of each other and readily accessible to the driver from the driving seat; it must be possible for this requirement to be met even when the driver is wearing a safety belt,

4.2.2.2. in the event of a breakage of any component of the braking device other than the brakes (as defined in 1.6) or of any other failure of the service braking device (malfunction, partial or total exhaustion of an energy reserve), it must be possible to slow the tractor to a halt with a deceleration equal to at least 50 % of the value laid down in 2.1.1 of Annex II.

These conditions shall be fulfilled when residual braking is achieved on wheels located on both sides of the median longitudinal plane (without the tractor deviating from its course).

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For the purposes of this section, the lever and cam assemblies, or similar assemblies, by means of which the brakes are applied, shall not be regarded as liable to failure.

- 4.2.3. Where use is made of energy other than the muscular energy of the driver, there need not be more than one source of such energy (e.g. hydraulic pump, air compressor, etc.) provided the requirements of 4.2.2 are fulfilled.
- 4.2.4. The service braking device must act on both wheels of at least one axle.
- 4.2.5. The action of the service braking device must be distributed between the wheels of the same axle symmetrically in relation to the median longitudinal plane of the tractor.
- 4.2.6. The service braking device and the parking braking device must act on braking surfaces permanently connected to the wheels through components of adequate strength. It must not be possible to uncouple a braking surface from the wheels. ► **M2** When more than one axle is normally subject to braking, one axle may be decoupled provided that activation of the service brake automatically recouples this axle and that, if the recoupling device fails, this is done automatically. ◀
 When one axle is subject to braking, the differential must not be mounted between the service brake and the wheels of that axle; when two axles are subject to braking, the differential may be mounted between the service brake and the wheels on one of the two axles.
- 4.2.7. Wear on the brakes must be easily compensated for by means of a system of manual or automatic adjustment. In addition, the control and the components of the transmission and the brakes must possess a reserve of travel such that, when the brakes become heated or when the brake linings have reached a certain degree of wear, effective braking is ensured without an immediate adjustment being necessary.
- 4.2.8. In hydraulic braking devices, the filling ports of the fluid reservoirs must be readily accessible; in addition, the containers of reserve fluid must be so made that the level of the reserve fluid can be easily checked without the containers having to be opened.
- 4.2.9. Every tractor fitted with a brake activated from an energy reservoir must, where the prescribed braking performance is impossible without the use of stored energy, be fitted with a warning device, in addition to the pressure gauge, giving a signal which can be seen or heard when the energy, in any part of the installation up to the control valve, falls to 65 % or less of its normal value. This device must be directly and permanently connected to the circuit.
- 4.2.10. Without prejudice to the requirements of 4.1.2.1, where the use of an auxiliary energy source is essential for the operation of a braking device, the energy reserve must be such as to ensure that, should the engine stop, the braking performance remains sufficient to bring the tractor to a halt under the prescribed conditions.
- 4.2.11. Any auxiliary equipment shall draw its energy only in such a way that its operation, even in the event of damage to the energy source, cannot cause the reserves of energy feeding the braking devices to fall below the level indicated in 4.2.9.



ANNEX II

BRAKING TESTS AND PERFORMANCE OF BRAKING DEVICES

1. BRAKING TESTS

1.1. General

- 1.1.1. ►**M2** The effectiveness of a service brake is based on the braking distance calculated according to the formula set out in 2.1.1.1. ◀ The stopping distance shall be the distance covered by the tractor from the moment when the driver begins to actuate the control of the device until the moment when the tractor stops.

The performance prescribed for parking braking devices shall be based on the ability to hold the tractor stationary on an up or down gradient.

- 1.1.2. For the type-approval of any tractor, the braking performance shall be measured during road tests conducted under the following conditions:

- 1.1.2.1. the tractor's condition as regards weight must be as prescribed for each type of test and be specified in the test report,
- 1.1.2.2. during the tests the force applied to the brake control in order to obtain the prescribed performance must not exceed 60 daN on the pedal controls and 40 daN on the hand-operated controls,
- 1.1.2.3. the road must have a surface affording good adhesion,
- 1.1.2.4. the tests must be performed when there is no wind liable to affect the results,
- 1.1.2.5. at the start of the tests the tyres must be cold and at the pressure prescribed for the load actually borne by the wheels when the tractor is stationary,
- 1.1.2.6. the prescribed performance must be obtained without locking of the wheels, without deviation of the tractor from its course, and without abnormal vibration.

- 1.1.3. During the tests, the tractor shall be fitted with any parts intended by the manufacturer for the operation of the towed vehicle braking devices as referred to in 1.9, 1.10, 1.11 and 1.12 of Annex I.

1.2. Type 0 test

(ordinary performance test with brakes cold)

1.2.1. General

- 1.2.1.1. The brakes must be cold at the beginning of the test. A brake is deemed to be cold if any one of the following conditions is met:

- 1.2.1.1.1. the temperature measured on the disc or on the outside of the drum must be below 100 °C,
- 1.2.1.1.2. in the case of totally enclosed brakes, including oil immersed brakes, the temperature measured on the outside of the housing must be below 50 °C,

- 1.2.1.1.3. the brakes must not have been actuated for one hour.

- 1.2.1.2. During the braking test, an unbraked axle, when capable of being declutched, must not be connected with a braked axle.

- 1.2.1.3. The test must be conducted under the following conditions:

- 1.2.1.3.1. the tractor must be laden to its maximum weight, with an unbraked axle also loaded to its technically permissible maximum weight; the braked axle wheels must be fitted with the largest tyres intended for that tractor type by the manufacturer. For tractors braking on all wheels, the front axle must be laden to its technically permissible maximum weight,
- 1.2.1.3.2. the test must be repeated on an unladen tractor carrying only the driver and if necessary a person responsible for monitoring the results of the test; the tractor must be fitted with the largest tyres recommended by the manufacturer,

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- 1.2.1.3.3. the limits prescribed for minimum performance, both for tests with the tractor unladen and for tests with it laden, shall be those laid down in 2.1.1,
- 1.2.1.3.4. the road must be level.
- 1.2.2. *The type 0 test must be carried out:*
 - 1.2.2.1. at the maximum design speed with the transmission in neutral,

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- 1.2.2.3. the minimum prescribed performance must be attained.
- 1.3. **Type I test**
(fade test)
 - 1.3.1. Laden tractors shall be tested in such a manner that the energy input is equivalent to that recorded in the same period of time with a laden tractor driven at a steady speed of 80 % ± 5 % of that laid down for type 0 tests on a 10 % down gradient for a distance of 1 km, with the transmission in neutral.
 - 1.3.2. At the end of the test, the residual performance of the service braking device shall be measured under the same conditions as for the type 0 test with the transmission in neutral (under different temperature conditions of course).
- 2. **PERFORMANCE OF BRAKING DEVICES**
 - 2.1. **Service braking devices**
 - 2.1.1. *The service brakes of tractors must:*
 - 2.1.1.1. under type O test conditions, achieve a stopping distance which is calculated as follows:

$$S_{\max} \leq 0,15 V + \frac{V^2}{116}$$

where

V is the maximum design speed in km/h, and

S_{max} is the maximum stopping distance in metres,

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- 2.1.1.2. after the type I test, produce a residual performance not less than 75 % of that prescribed, and not less than 60 % of the value recorded during the type 0 test (with transmission in neutral).
- 2.2. **Parking braking devices**
 - 2.2.1. The parking braking device must, even if it is combined with one of the other braking devices, be capable of holding a laden tractor stationary on an 18 % up or down gradient.
 - 2.2.2. On tractors to which the coupling of one or more trailers is authorized, the parking braking device of the tractor must be capable of holding the vehicle combination, comprising an unladen tractor and an unbraked trailer of the same weight (not exceeding three metric tons), stationary on a 12 % up or down gradient.
 - 2.2.3. A parking braking device which has to be actuated several times before attaining the prescribed performance is permissible.

*ANNEX III***SPRING BRAKES****1. DEFINITION**

‘Spring brakes’ are braking devices for which the energy required for braking is supplied by one or more springs acting as an energy accumulator.

2. SPECIAL REQUIREMENTS

- 2.1. A spring brake must not be used as a service brake.
- 2.2. A small variation in any of the pressure limits which may occur in the brake compression chamber feed circuit must not cause a significant variation in the braking force.
- 2.3. The feed circuit to the spring compression chamber must include an energy reserve which does not supply any other device or equipment. This requirement shall not apply if the springs can be maintained in the compressed state by using two or more independent systems.
- 2.4. The device must be so designed that it is possible to apply and release the brakes at least three times starting with an initial pressure in the spring compression chamber equal to the maximum design pressure. This requirement must be met when the brakes are adjusted as closely as possible.
- 2.5. The pressure in the compression chamber below which the springs begin to actuate the brakes, with the latter adjusted as closely as possible, must not be greater than 80 % of the minimum level of the normal available pressure.
- 2.6. When the pressure in the spring compression chamber falls to the level at which the brake parts begin to move, a warning signal which can be seen or heard must be activated. Provided this requirements is met, the warning device may be that specified in 4.2.9 of Annex I.
- 2.7. On tractors fitted with spring brakes and authorized to draw trailers with continuous or semi-continuous brakes, automatic application of the spring brakes must cause the trailer brakes to be applied.

3. RELEASE SYSTEM

- 3.1. Spring brakes must be so designed that, in the event of failure, it is possible to release them without using their normal control. This may be achieved by the use of an auxiliary device (pneumatic, mechanical, etc.)
- 3.2. If the operation of the auxiliary device referred to in 3.1 requires the use of a tool or spanner, the tool or spanner must be kept on the tractor.



ANNEX IV

PARKING BRAKING BY MECHANICAL LOCKING OF THE BRAKE CYLINDERS (LOCK ACTUATORS)

1. DEFINITION

'Mechanical locking of the brake cylinders' means a device for ensuring the operation of the parking brake by mechanical wedging of the brake piston rod.

Mechanical locking occurs when the locking chamber is emptied of compressed air; the mechanical locking device shall be designed in such a way that it can be released when the locking chamber is again subjected to pressure.

2. SPECIAL REQUIREMENTS

- 2.1. When the pressure in the locking chamber approaches the level corresponding to mechanical locking, an optical or acoustic warning system must be activated.
- 2.2. In the case of brake actuators fitted with a mechanical locking device, the brake actuator must be capable of being actuated by either of two energy reserves.
- 2.3. The locked brake cylinder may only be released if it is certain that the brake can be operated again after such release.
- 2.4. In the event of a failure of the source of energy supplying the locking chamber, an auxiliary unlocking device (mechanical or pneumatic, for instance) using, for example, the air in one of the tyres of the tractor, must be provided.

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ANNEX V

MODEL

Name of administration

**ANNEX TO THE EEC TYPE-APPROVAL CERTIFICATE
APPROVAL OF BRAKING DEVICES OF WHEELED AGRICULTURAL OR FORESTRY
TRACTORS**

(Articles 4 (2) and 10 of Council Directive 74/150/EEC of 4 March 1974 on the approximation of the laws of the Member States relating to the type-approval of wheeled agricultural or forestry tractors, having a maximum design speed of between 6 and 25 km/h)

EEC type-approval No

1. Make (name of company or firm)
2. Type and commercial description
3. Name and address of manufacturer
4. Name and address of manufacturer's authorized representative (if any)
5. Unladen weight of tractor
6. Distribution of unladen weight between the axles(kg)
7. Maximum weight of the tractor
8. Distribution of the maximum weight of the tractor on each axle as referred to in 1.2.1.3.1 of Annex II
9. Make and type of brake linings
10. Engine type
11. Overall transmission ratio corresponding to maximum speed
12. Tyre dimensions:
- 12.1. Largest tyres (braked axles)
- 12.2. Tyres supporting the greatest technically permissible weight (non-braked axle)
13. Maximum speed of the tractor
14. Number and arrangement of braked axles
15. Brief description of the braking device
16. Weight of tractor at time of testing:

	Unladen	Laden
Axle 1
Axle 2

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17. Dimensions of the tyres used during the test:

	Axle 1	Axle 2
Tyre dimensions

18. Result of the braking tests:

18.1. Service braking performance	Test speed (km/h)	Performance calculated in m/s ²	Measured force applied to the control (daN)
18.1.1. Type 0 test			
Unladen
Laden
18.1.2. Type I tests

- 18.2. Parking braking performance:
-
- Positive/negative
- ⁽¹⁾

19. Tractor submitted for EEC type-approval on
20. Technical service conducting type-approval tests
21. Date of the report issued by that service
22. Number of the report issued by that service
23. EEC type-approval in respect of braking is granted/refused ⁽¹⁾
24. Place
25. Date
26. Signature
27. The documents referred to in 2.2.1 to 2.2.3 of Annex I are annexed hereto.

⁽¹⁾ Delete as appropriate.