

EC TYPE-APPROVAL CERTIFICATE

Communication concerning the type-approval of a type of a separate technical unit with regard to Directive 70/157/EEC, as last amended by Directive 2007/34/EC.

Type-approval number: **e24*70/157*2007/34*2170*00**

Reason for extension: **N/A.**

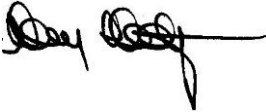
SECTION I

- 0.1 Make (trade name of manufacturer): ***HKS
-HKS SP Ltd.***
- 0.2 Type and general commercial description: ***32018-AT041***
- 0.3 Means of identification of type if marked on the separate technical unit: ***N/A.***
- 0.3.1 Location of that marking: ***N/A.***
- 0.4 Category of vehicle: ***M1***
- 0.5 Name and address of manufacturer: ***HKS SP Limited
Units 4/5 Sawfield
Alconbury Hill
Alconbury Weston
Huntingdon, Cambridgeshire
PE28 4JL
United Kingdom***
- 0.7 In the case of components and separate technical units, location and method of affixing of the EC approval mark: ***At the bottom of the silencer,
stamped or manufacturer's plate
welded.***
- 0.8 Address(es) of assembly plant(s): ***HKS Co.Ltd
7181 Kitayama,
JP-Fujinomiya Shizuoka 418-0192,
Japan***

Type-approval number:

e24*70/157*2007/34*2170*00

SECTION II

1. Additional information (where applicable): ***See Addendum.***
 2. Technical Service responsible for carrying out the tests: ***FAKT S.r.l,
Via Lithos, 53
IT-25086 Rezzato (BS)***
 3. Date of test report: ***30.10.2014***
 4. Number of test report: ***IT14/1549 - 00***
 5. Remarks (if any): ***See Addendum.***
 6. Place: ***Dublin.***
 7. Date: ***21st November, 2014.***
 8. Signature: 
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9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
 10. List of documents:
 1. Test report information package.

concerning the separate technical unit type-approval of exhaust systems for motor vehicles with regard to Directive 70/157/EEC, as last amended by Directive 2007/34/EC.

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|-------|---|------------------------|
| 1. | Additional information: | |
| 1.1 | Composition of the separate technical unit: | (*) |
| 1.2 | Trade mark or trade name of the type(s) of motor vehicle to which the silencer is to be fitted: | (*) |
| 1.3 | Type(s) of vehicle and its/their type-approval number: | (*) |
| 1.4 | Engine: | |
| 1.4.1 | Type (Positive ignition, Diesel): | (*) |
| 1.4.2 | Cycles (Two-stroke, Four-stroke): | (*) |
| 1.4.3 | Total cylinder capacity: | (*) |
| 1.4.4 | Rated maximum engine power: | (*) kW. |
| | - at: | (*) rev/min. |
| 1.5 | Number of gear ratios: | (*) |
| 1.6. | Gear ratios employed: | (*) |
| 1.7 | Drive-axle ratios: | (*) |
| 1.8 | Sound level values | |
| | - Moving vehicle: | (*) dB(A). |
| | speed stabilised before acceleration at: | (*) km/h. |
| | - stationary vehicle: | (*) dB(A). |
| | at: | (*) rev/min. |
| 1.9 | Variation in back pressure: | (*) |
| 1.10 | Any restriction in respect of use and mounting requirements: | (*) |
| 5. | Remarks: | (*) = see Test Report. |

concerning the type-approval of a vehicle with regard to Directive 70/157/EEC, as last amended by Directive 2007/34/EC.

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|---------|--|------|
| 1. | Additional information: | |
| 1.1 | If necessary, list of vehicles covered by item 5.2.2.4.3.3.1.2 of Annex I: | N/A. |
| 1.2 | Engine: | |
| 1.2.1 | Manufacturer: | N/A. |
| 1.2.2 | Type: | N/A. |
| 1.2.3 | Model: | N/A. |
| 1.2.4 | Rated maximum power :kW atmin-1: | N/A. |
| 1.3 | Transmission (non-automatic gearbox/automatic gearbox): | N/A. |
| 1.3.1 | Number of gears: | N/A. |
| 1.4 | Equipment | |
| 1.4.1 | Exhaust silencer: | |
| 1.4.1.1 | Manufacturer: | N/A. |
| 1.4.1.2 | Model: | N/A. |
| 1.4.1.3 | Type..... in accordance with drawing No.: | N/A. |
| 1.4.2 | Intake silencer: | |
| 1.4.2.1 | Manufacturer: | N/A. |
| 1.4.2.2 | Model: | N/A. |
| 1.4.2.3 | Type..... in accordance with drawing No.: | N/A. |
| 1.5 | Tyre size: | N/A. |
| 1.5.1 | Description of tyre type used for type-approval testing: | N/A. |
| 1.6 | Measurements: | |
| 1.6.1 | Sound level of moving vehicle: | N/A. |
| 1.6.2 | Sound level of stationary vehicle: | N/A. |
| 1.6.3 | Sound level of compressed air noise: | N/A. |
| 5. | Remarks: | N/A. |

Index to the Information Package

Date of issue: **21st November, 2014.**

Date of latest amendment: **N/A.**

Reason for extension/revision: **N/A.**

1. Additional conditions, and advisory
notes on legal alternatives

2. Test report(s)

- numbers(s): **IT14/1549 - 00**

- date of issue: **30.10.2014**

- date of latest amendment: **N/A**

3. Information document

- number(s): **1549-14-00**

- date of issue: **22.08.2014**

- date of latest amendment: **30.10.2014**

Documentation: **19 pages**

Type-approval No: e24*70/157*2007/34*2170*00

Appendix: Additional conditions, and advisory notes on legal alternatives.

A: Additional conditions:

1. The STU, Type 32018-AT041 contains the following type approval mark:

e24

 032170

The dimensions and proportions of this mark must correspond to the Directive.

All parts of the separate technical unit, other than the mounts and the exhaust pipe shall be legibly and durably labelled with the following information:

- EC Type Approval mark
- Manufacturer's trade description
- Trademark or trade name of the manufacturer

As an alternative to using a plate for the above information, the information may be embossed on the silencer housing.

2. Mounting instructions shall be supplied with each unit, giving details of any limitations in the use of the silencer.
3. The silencer should be mounted in accordance with the mounting instructions.
4. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
5. Each individual product from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
6. Changes in the product are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
7. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type of product no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
8. NSAI may at any time check the correct performance of the duties imposed by the grant of this Type Approval, and in order to do so, may make tests, or have tests made.
9. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to the NSAI.
10. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
11. When the manufacture or sale of the vehicle, system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B : Legal Options

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.