

**DRŽAVNI ZAVOD ZA MJERITELJSTVO
SLUŽBA ZA HOMOLOGACIJU VOZILA**

**Uputa za prvu registraciju
novih necestovnih pokretnih strojeva**

Sukladno odredbama Uredbe (EU) 2016/1628 od 1. siječnja 2024. godine prilikom prve registracije novog necestovnog pokretnog stroja (radnog stroja) u nekoj od stanica za tehnički pregled, stranka treba priložiti odobrenje Državnog zavoda za mjeriteljstvo koje se odnosi na ograničenje emisija plinovitih i krutih onečišćujućih tvari i homologaciju tipa za motora s unutarnjim izgaranjem za necestovne pokretne strojeve.

U svrhu ishođenja odobrenja potrebno je Zavodu dostaviti zahtjev i EU certifikat o homologaciji tipa motora ili porodici motora za necestovne mobilne strojeve u skladu s Uredbom (EU) 2016/1628 (*EU TYPE-APPROVAL CERTIFICATE FOR AN ENGINE TYPE OR AN ENGINE FAMILY FOR NON-ROAD MOBILE MACHINERY IN ACCORDANCE WITH REGULATION (EU) 2016/1628*).

Ukoliko je dostavljena dokumentaciju u redu Zavod će za izdati odobrenje s kojim će se onda moći pristupiti postupku prve registracije.

U prilogu se nalazi obrazac zahtjeva i primjer jednog certifikata.

DRŽAVNI ZAVOD ZA MJERITELJSTVO

Capraška 6/II
10000 Zagreb

ZAHTEJEV

za ishođenje odobrenja za prvu registraciju novog necestovnog pokretnog stroja:

- marka _____
- tip _____
- VIN oznaka (broj šasije) _____
- Broj EU certifikata _____

(mjesto i datum)

PODNOŠITELJ ZAHTEJEVA:

(ime i prezime / naziv tvrtke)

(OIB podnosioca zahtjeva)

(ulica)

(poštanski broj i mjesto)

- prilog: EU certifikat o homologaciji tipa motora

**Zahtjev i pripadajuću dokumentaciju poslati na mail: homologacija@dzm.hr
Nepotpuni zahtjevi neće biti uzeti u postupak !**



Référence: e13*2016/1628*2022/992EV5/D*0521*04

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 17 octobre 2023

CERTIFICAT DE RECEPTION UE PAR TYPE EU TYPE-APPROVAL CERTIFICATE

Communication concernant ⁽¹⁾: / Communication concerning the ⁽¹⁾:

- la réception UE par type / EU type-approval
- l'extension de la réception UE par type / extension of EU type-approval
- le refus de la réception UE par type / refusal of EU type-approval
- le retrait de la réception UE par type / withdrawal of EU type-approval

d'un type de moteurs / d'une famille de moteurs ⁽¹⁾, en ce qui concerne les émissions de gaz polluants et de particules polluantes conformément au règlement (UE) 2016/1628, modifié en dernier lieu par le règlement (délégué) ⁽¹⁾ 2022/992 (de la Commission) ⁽¹⁾ (du Parlement européen et du Conseil) ⁽¹⁾
of an engine type / engine family ⁽¹⁾ with regard to gaseous and particulate pollutant emission pursuant to Regulation (EU) 2016/1628, as last amended by (Commission-Delegated) ⁽¹⁾ Regulation 2022/992 ⁽¹⁾ (of the European Parliament and of the Council) ⁽¹⁾

Numéro de réception UE par type ⁽³⁾:
EU type-approval number ⁽³⁾:

e13*2016/1628*2022/992EV5/D*0521*04

Motif de l'extension/du refus/du retrait ⁽¹⁾:
Reason for extension/refusal/withdrawal ⁽¹⁾:

see: Reasons for extension, Annex I of test report

SECTION I SECTION I

- 1.1. Marque(s) [dénomination(s) commerciale(s) du constructeur]:**
Make (trade name(s) of manufacturer):
- Doosan or DOOSAN or HYUNDAI or Hyundai or BOBCAT or Bobcat or Bobcat company or HD HYUNDAI INFRACORE or HD HYUNDAI INFRACORE CO., LTD.
- 1.2. Appellation(s) commerciale(s) (le cas échéant):**
Commercial name(s) (if applicable):
- not applicable
- 1.3. Nom et adresse du constructeur:**
Company name and address of manufacturer:
- HD Hyundai Infracore Co., Ltd.
489, Injung-ro, Dong-gu,
Incheon, Korea

- 1.4. **Nom et adresse du représentant agréé du constructeur (s'il y a lieu):**
Name and address of manufacturer's authorised representative (if any): HD Hyundai Infracore Europe s.r.o.
Pobřežní 620/3, 186 00 Prague 8,
Czech Republic
- 1.5. **Nom(s) et adresse(s) des usines d'assemblage / de fabrication:**
Name(s) and address(es) of assembly / manufacture plant(s): TIANJIN Hyundai Doosan Engine Co., Ltd.
No.77 Gao Xin Road, Beichen Science Park,
Beichen District, Tianjin, P.R. China
- 1.6. **Désignation du type de moteurs / désignation de la famille de moteurs / FT ⁽¹⁾:**
Engine type designation / engine family designation / FT ⁽¹⁾: DN03VA DN03-MFA99, DN03VA DN03-MFA00,
DN03VA DN03-MFA01, DN03VA DN03-MFA02,
DN03VA DN03-MFA05, DN03VA DN03-MFA06,
DN03VA DN03-MFA07, DN03VA DN03-MFA08,
DN03VA DN03-MFA15, DN03VA DN03-MFA16,
DN03VA DN03-MFA17, DN03VA DN03-MFA18,
DN03VA DN03-MFL04, DN03VA DN03-MFF04,
DN03VA DN03-MFF07, DN03VA DN03-MFE00,
DN03VA DN03-MFE04, DN03VA DN03-MFE06,
DN03VA DN03-MFE08, DN03VA DN03-MFE10,
DN03VA DN03-MFE11
- 1.7. **Catégorie et sous-catégorie du type de moteurs / de la famille de moteurs ⁽¹⁾⁽⁴⁾:**
Category and sub-category of the engine type / engine family ⁽¹⁾⁽⁴⁾: NRE-v-5
- 1.8. **Catégorie de période de durabilité des caractéristiques d'émission:**
Emissions durability period category: not applicable / Cat 1 / Cat 2 / Cat 3 ⁽¹⁾
- 1.9. **Phase d'émissions:**
Emissions stage: V / SPE
- 1.10. **Moteur destiné aux fraises à neige ⁽⁵⁾:**
Engine for snow throwers ⁽⁵⁾: Yes / No ⁽¹⁾

SECTION II

SECTION II

1. **Service technique responsable de la réalisation du ou des essais:**
Technical service responsible for carrying out the test(s): TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München
2. **Date(s) du/des rapport(s) d'essai:**
Date(s) of the test report(s): 07.09.2023
3. **Numéro(s) du/des rapport(s) d'essai:**
Number(s) of the test report(s): 23-00128-CX-KOR-04



NSAI

EU TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- ~~EU type approval,~~
- extension of EU type-approval,
- ~~refusal of EU type approval,~~
- ~~withdrawal of EU type approval,~~

of an ~~engine type~~/engine family ⁽¹⁾ with regard to gaseous and particulate pollutant emission pursuant to Regulation (EU) 2016/1628, as last amended by ~~(Commission Delegated)~~ ⁽¹⁾ Regulation (EU) 2022/992 ⁽¹⁾⁽²⁾ (of the European Parliament and of the Council) ⁽¹⁾

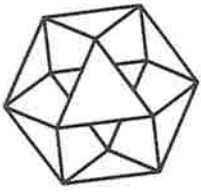
EU Type Approval No: **e24*2016/1628*2022/992LV1/D*0443*01**

Reason for extension/~~refusal~~/~~withdrawal~~ ⁽¹⁾:

**- See technical report no. 21-00012-CP
GBM-01 and manufacturer's information
document for details.**

SECTION I

- | | |
|---|---|
| 1.1. Make (trade name(s) of manufacturer): | CAT |
| 1.2. Commercial name(s) (if applicable): | C18 (CAT) |
| 1.3. Company name and address of manufacturer: | Caterpillar Inc.
100 NE Adams Peoria,
IL 61629
USA |
| 1.4. Name and address of manufacturer's authorised representative (if any): | Caterpillar Energy Solutions GmbH Attn:
Standards and Regulations Manager
Carl-Benz-Strasse 1 68167 Mannheim
Germany |
| 1.5. Name(s) and address(es) of assembly/manufacture plant(s): | Seguin Engine Plant
1720 W Kingsbury Street Seguin,
Texas 78155
USA |
| 1.6. Engine type designation /engine family designation/FT ⁽¹⁾ : | RL1V18.1HPA |
| 1.7. Category and sub-category of the engine type /engine family ⁽¹⁾⁽⁴⁾ : | RL1-v-1 |
| 1.8. Emissions durability period category: | Not Applicable/Cat 1/Cat 2/Cat 3 ⁽¹⁾ |
| 1.9. Emissions stage: | V/ SPE |
| 1.10. Engine for snow throwers ⁽⁵⁾ : | Yes/No ⁽¹⁾ |



NSAI

EU Type Approval No: e24*2016/1628*2022/992LV1/D*0443*01

SECTION II

- | | | |
|----|---|--|
| 1. | Technical service responsible for carrying out the tests: | <i>TÜV SÜD Auto Service GmbH,
Westendstraße 199,
D-80686 München,
Germany.</i> |
| 2. | Date(s) of test report(s): | <i>As before and 07.12.2022</i> |
| 3. | Number(s) of test report(s): | <i>21-00012-CP-GBM-up to 01</i> |

SECTION III

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the ~~engine type~~/engine family ⁽¹⁾ described above, for which one or more representative samples, selected by the approval authority, have been submitted as prototypes and that the attached test results apply to the ~~engine type~~/engine family ⁽¹⁾.

- | | | |
|----|--|---|
| 1. | The engine type /engine family ⁽¹⁾ meets/ does not meet ⁽¹⁾ the requirements laid down in Regulation (EU) 2016/1628. | |
| 2. | The approval is: | <i>granted/extended/refused/withdrawn ⁽¹⁾</i> |
| 3. | The approval is granted in accordance with Article 35 of Regulation (EU) 2016/1628 and the validity of the approval is thus limited to dd/mm/yyyy ⁽³⁾ | <i>N/A</i> |
| 4. | Restrictions to validity ⁽³⁾ ⁽⁶⁾ : | <i>N/A</i> |
| 5. | Exemptions applied ⁽³⁾ ⁽⁶⁾ : | <i>N/A</i> |
| | Place: | <i>Dublin.</i> |
| | Date: | <i>24th January, 2023.</i> |

Name and signature
(or visual representation of an
'advanced electronic signature'
according to Regulation (EU) No 910/2014, including data for verification):



Attachments:

- Information package
- Test report(s)

Where applicable, the name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign statement of conformity and a statement of their position in the company Where applicable, a completed specimen of a statement of conformity

NB:
If this model is used for EU type-approval of an engine as an exemption for new technologies or new concepts, pursuant to Article 35(4) of Regulation (EU) 2016/1628, the heading of the certificate shall read 'PROVISIONAL EU TYPE-APPROVAL CERTIFICATE VALID ONLY ON THE TERRITORY OF ... ⁽⁷⁾'.