



Organisme belge d'Accréditation  
Belgische Accreditatieinstelling  
Belgische Akkreditierungsstelle  
Belgian Accreditation Body

EA MLA Signatory

## Certificat d'Accréditation n° 667-TEST

En application des dispositions de l'arrêté royal du 31 janvier 2006 créant BELAC, le Bureau d'Accréditation atteste avoir délivré une accréditation conformément aux exigences de la norme EN ISO/IEC 17025:2017 à:

**CHTS bv**  
**Parklaan 43**  
**8450 Bredene**

L'organisme a démontré posséder la compétence pour effectuer les activités réalisées dans les sites d'activités mentionnés dans la portée d'accréditation 667-TEST qui fait partie intégrante du présent certificat.

La version en vigueur de la portée d'accréditation est disponible via [www.belac.be](http://www.belac.be).

Ce certificat reste valable à condition que l'organisme continue de répondre aux conditions d'accréditation.

La Présidente du Bureau d'Accréditation BELAC,

Maureen LOGGHE

**Version** : **3**

**Période de validité** : **2023-10-12 - 2028-09-14**

*La version originale de ce certificat est en néerlandais.*



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## Accreditatiecertificaat nr. 667-TEST

In uitvoering van de beschikkingen van het koninklijk besluit van 31 januari 2006 tot oprichting van BELAC, verklaart het Accreditatiebureau accreditatie conform de eisen van de norm EN ISO/IEC 17025:2017 te hebben verleend aan:

**CHTS bv**  
**Parklaan 43**  
**8450 Bredene**

De instelling heeft aangetoond bekwaamheid te bezitten voor de activiteiten uitgevoerd in de activiteitencentra zoals gespecificeerd in de accreditatiescope 667-TEST die integraal deel uitmaakt van dit certificaat.

De huidige versie van de accreditatiescope is beschikbaar op [www.belac.be](http://www.belac.be).

Dit certificaat blijft geldig onder voorwaarde dat de instelling blijft voldoen aan de accreditatievoorwaarden.

De Voorzitster van het Accreditatiebureau BELAC,

Maureen LOGGHE

**Versie** : **3**

**Geldigheidsduur** : **2023-10-12 - 2028-09-14**



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## Accreditation Certificate No. 667-TEST

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares to have granted accreditation conform the requirements of the standard EN ISO/IEC 17025:2017 to:

**CHTS bv**  
**Parklaan 43**  
**8450 Bredene**

The body demonstrated the competence to perform the activities in the activity sites, as described in the scope of accreditation 667-TEST which is an integral part of the present certificate.

The current version of the scope of accreditation is available at [www.belac.be](http://www.belac.be).

This certificate remains valid as long as the body continues to meet the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Maureen LOGGHE

**Version** : **3**

**Validity period** : **2023-10-12 - 2028-09-14**

*Original version of this certificate is in Dutch.*



Organisme belge d'Accréditation  
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Belgische Akkreditierungsstelle  
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## Akkreditierungszertifikat Nr. 667-TEST

Aufgrund der Bestimmungen des königlichen Erlasses vom 31. Januar 2006 zur Gründung von BELAC, bestätigt das Akkreditierungsbüro, gemäß den Vorschriften der Norm EN ISO/IEC 17025:2017, die folgende Stelle akkreditiert zu haben:

**CHTS bv**  
**Parklaan 43**  
**8450 Bredene**

Die Stelle hat ihre Kompetenz für die in den Aktivitätszentren durchgeführten Aktivitäten gemäß dem Geltungsbereich der Akkreditierung 667-TEST, der ein integraler Bestandteil des vorliegenden Zertifikats ist, nachgewiesen.

Die aktuelle Version des Geltungsbereichs der Akkreditierung ist unter [www.belac.be](http://www.belac.be) verfügbar.

Dieses Zertifikat bleibt unter der Bedingung gültig, dass die Stelle die Akkreditierungsanforderungen weiterhin erfüllt.

Die Vorsitzende des Akkreditierungsbüros BELAC,

Maureen LOGGHE

**Fassung** : **3**

**Gültigkeitsdauer** : **2023-10-12 - 2028-09-14**

*Die Originalfassung dieses Zertifikats ist in niederländischer Sprache.*



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Annex to the accreditation certificate  
Bijlage bij accreditatiecertificaat  
Annexe au certificat d'accréditation  
Beilage zur Akkreditierungszertifikat

# 667-TEST

EN ISO/IEC 17025:2017

Version / Versie / Version / Fassung	7
Validity / Geldigheidsperiode / Validité / Gültigkeitsdauer	2025-02-21 - 2028-09-14

## Maureen Logghe

Chair of the Accreditation Board  
Voorzitster van het Accreditatiebureau  
La Présidente du Bureau d'Accréditation  
Vorsitzende des Akkreditierungsbüro

The accreditation is granted to / De accreditatie werd uitgereikt aan /  
L'accréditation est délivrée à / Die akkreditierung wurde erteilt für:

**CHTS bv**  
**Parklaan 43**  
**8450 Bredene**

Enterprise number / Ondernemingsnummer / Numéro d'entreprise / Unternehmensnummer:  
0726.621.159

Sites of activities / Activiteitencentra / Sites d'activités / Standorte mit aktivitäten:

CHTS Zaventem	Leuvensesteenweg 643 1930 Zaventem (Nossegem)
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Accréditation  
Service public fédéral Economie  
P.M.E., Classes moyennes et Energie  
Bd du Roi Albert II 16 - 1000 Bruxelles  
Numéro d'entreprise : 0314.595.348

Accreditatie  
Federale Overheidsdienst Economie  
K.M.O., Middenstand en Energie  
Koning Albert II-laan 16 - 1000 Brussel  
Ondernemingsnummer : 0314.595.348

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Nr	Test code	Product/ Matrix	Measured property/ parameter	Reference to test method Regulatory act **	Reference to product standard(s) UNECE***	Test or measurement principle/ measurement technique	Vehicle Categorie	Remarks	Activity performed in following activity centres
00	00_2018/858_aaaa-bbbb_0	Framework Directive - WVTA	see other items (combination of relevant topics for a vehicle category)	Regulation (EU)2018/858	-	see other items (combination of relevant topics for a vehicle category)	N, O	Categories M: multi-stage only Categories N: multi-stage only Categories O Family: WVTA	on site
63	According to scope: see other items with reference to (EU)2019/2144	General Safety Regulation (GSR)	see other items (combination of relevant topics for a vehicle category)	Regulation (EU) 2019/2144	-	see other items (combination of relevant topics for a vehicle category)		According to scope - see other items	on site
A11	A11_93-xxSyy_z	Front underrun protection	Installation	Regulation (EU) 2019/2144	UN Regulation No 93	- dimensions (m)	N2, N3	Part II: FUPD installation Family: installation	on site
A12	A12_58-xxSyy_z	Rear underrun protection	Installation (Part II + III) Application of forces (Part I + III)	Regulation (EU) 2019/2144	UN Regulation No 58	- dimensions (m) - forces (N)	M, N, O	Full Regulation Family: installation Family: impact/load	on site
A13	A13_73-xxSyy_z	Lateral protection	Installation (vehicle) Application of forces (part)	Regulation (EU) 2019/2144	UN Regulation No 73	- dimensions (m) - forces (N)	N, O	Full Regulation Family: installation Family: impact/load	on site
A14	A14_34-xxSyy_z	Fuel tank safety (IF)	Installation	Regulation (EU) 2019/2144	UN Regulation No 34	- visual inspection - dimensions (m)	M, N, O	Part IV: installation of type-approved liquid fuel tank Family: installation	on site

B10	B10_43-xxSyy_z	Safety glazing	Installation	Regulation (EU) 2019/2144	UN Regulation No 43	- visual inspection - dimensions (m)	M, N, O	Annex 24: installation Family: installation	on site
B11	B11_2021/535_VI_aaaa-bbbb_0	Defrost/demist	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex VI	-	- visual inspection	M2, M3, N2, N3	suitable device Family: installation	on site
B12	B12_2021/535_IV_aaaa-bbbb_0	Wash/wipe	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex IV	-	- visual inspection	M2, M3, N2, N3	suitable device Family: installation	on site
B13	B13_46-xxSyy_z	Indirect vision device	Installation	Regulation (EU) 2019/2144	UN Regulation No 46	- dimensions (m)	M, N	Part II: Installation of devices for indirect vision (bodybuilder guide) Family: installation	on site
C1	C1_79-xxSyy_z	Steering equipment	Steering characteristics	Regulation (EU) 2019/2144	UN Regulation No 79	- dimensions (m) - speed (m/s) - forces (N)	M, N, O	Full Regulation Family: dynamic	on site
C4	C4_13-xxSyy_z	Braking	Braking performance	Regulation (EU) 2019/2144	UN Regulation No 13	- dimensions (m) - speed (m/s) - deceleration (m/s <sup>2</sup> ) - forces (N) - pressure (Pa)	M, N, O	Hydraulic Braking, Pneumatic Braking, Inertia braking Family: dynamic	on site
C7	C7_13-xxSyy_z	Stability control	Braking performance	Regulation (EU) 2019/2144	UN Regulation No 13	- dimensions (m) - speed (m/s) - deceleration (m/s <sup>2</sup> ) - forces (N) - pressure (Pa)	M, N, O	Hydraulic Braking, Pneumatic Braking, Inertia braking Family: dynamic	on site

C14	C14_41-xxSyy_z	Tyre pressure mon	Installation	Regulation (EU) 2019/2144	UN Regulation No 141	- visual inspection	M2, M3, N2, N3	Full Regulation Family: installation	on site
C15	C15_42-xxSyy_z	Tyre installation	Installation	Regulation (EU) 2019/2144	UN Regulation No 142	- visual inspection - pressure (Pa)	M, N, O	Full Regulation Family: installation	on site
D1	D1_28-xxSyy_z	Audible warning	Noise / Sound	Regulation (EU) 2019/2144	UN Regulation No 28	- dimensions (m) - noise (dB)			on site
D2	D2_10-xxSyy_z	Radio interference (electromagnetic compatibility)	Installation	Regulation (EU) 2019/2144	UN Regulation No 10	- visual inspection	M, N, O	§4.1.1.2. Installation of approved ESAs §4.1.1.3. Approval w/o EMC (confirmation) Family: installation	on site
D5	D5_39-xxSyy_z	Speedometer	Performance speedo-/odometer	Regulation (EU) 2019/2144	UN Regulation No 39	- dimensions (m) - speed (m/s)	M, N	Full Regulation Family: dynamic	on site
D6	D6_39-xxSyy_z	Odometer	Performance speedo-/odometer	Regulation (EU) 2019/2144	UN Regulation No 39	- dimensions (m) - speed (m/s)	M, N	Full Regulation Family: dynamic	on site
D9	D9_121-xxSyy_z	Identification of controls, tell-tales and indicators	Installation	Regulation (EU) 2019/2144	UN Regulation No 121	- visual inspection	M, N	Full Regulation Family: installation	on site

D10	D10_122-xxSyy_z	Heating systems	Installation	Regulation (EU) 2019/2144	UN Regulation No 122	- visual inspection - temperature (°C)	M, N, O	Part I, §5.3.: installation of approved heaters Family: installation	on site
D15	D15D16_48-xxSyy_z	Installation of light signalling, road illumination and retro-reflective devices	Installation	Regulation (EU) 2019/2144	UN Regulation No 48	- visual inspection - dimensions (m) - angles (°)	M, N, O	Categories M, N: multi-stage only Categories O Family: installation	on site
D16	D15D16_48-xxSyy_z	Emergency stop signal	Installation	Regulation (EU) 2019/2144	UN Regulation No 48	- visual inspection - dimensions (m) - angles (°)	M, N, O	Categories M, N: multi-stage only Categories O Family: installation	on site
F1	F1_2021/535_II_aaaa-bbbb_0	Registration plate space	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex III	-	- dimensions (m) - angles (°)	M, N, O	Full Regulation Family: installation	on site
F2	F2_2021/535_XI_aaaa-bbbb_0	Reversing motion	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex XI	-	- visual inspection	M, N	Full Regulation	on site
F4	F4_2021/535_X_aaaa-bbbb_0	Door entry steps, handholds and running boards	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex X	-	- dimensions (m) - angles (°)			on site
F5	F5_26-xxSyy_z	External projections	Installation	Regulation (EU) 2019/2144	UN Regulation No 26	- dimensions (m)	M1	Full Regulation Family: installation	on site

F6	F6_61-xxSyy_z	External projections of commercial vehicle cabs	Installation	Regulation (EU) 2019/2144	UN Regulation No 61	- dimensions (m)	N	Full Regulation Family: installation	on site
F7	F7_2021/535_II_aaaa-bbbb_0	Statutory plate and vehicle identification number	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex II	-	- dimensions (m)	M, N, O	Full Regulation Family: installation	on site
F8	F8_2021/535_II_aaaa-bbbb_0	Towing devices	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex VII	-	- dimensions (m) - forces (N)			on site
F9	F9_2021/535_V_aaaa-bbbb_0	Wheel guards	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex V	-	- dimensions (m) - angles (°)	M1	Full Regulation Family: installation	on site
F10	F10_2021/535_II_aaaa-bbbb_0	Spray suppression systems	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex VIII	-	- dimensions (m) - angles (°)	N, O	Annex IV: installation of STU Family: installation	on site
F11	F11_2021/535_II_aaaa-bbbb_0	Masses and dimensions	Installation	Regulation (EU) 2019/2144 Regulation (EU) 2021/535, Annex XIII	-	- dimensions (m) - masses (kg) - angles (°)	M, N, O	Full Regulation Family: installation	on site
F12	F12_55-xxSyy_z	Mechanical couplings	Installation	Regulation (EU) 2019/2144	UN Regulation No 55	- dimensions (m) - angles (°)	M, N, O	Annex 7: installation Theoretical assessment drawbar centre-axle trailer $\leq$ 3,5T Family: installation	on site

F12	F12_102-xxSyy_z	Mechanical couplings	Installation	Regulation (EU) 2019/2144	UN Regulation No 102	- dimensions (m) - angles (°)	M, N, O	Installation Family: installation	on site
F13	F13_105-xxSyy_z	Vehicles intended for the transportation of dangerous goods (IF)	Installation	Regulation (EU) 2019/2144	UN Regulation No 105	- visual inspection	N, O	N: Multi-stage only, O Family: installation	on site
F14	F14_107-xxSyy_z	General bus construction	Installation	Regulation (EU) 2019/2144	UN Regulation No 107	- presence of items - dimensions (m) - masses (kg) - illuminance (lux) - forces (N)	M2, M3	Full Regulation Family: Bus	on site
F15	F15_66-xxSyy_z	Bus strength of superstructure	General vehicle construction	Regulation (EU) 2019/2144	UN Regulation No 66	- dimensions (m) - masses (kg)	M2, M3	Full Regulation Family: Bus	on site
F16	F16_118-xxSyy_z	Flammability in buses	General vehicle construction	Regulation (EU) 2019/2144	UN Regulation No 118	- visual inspection - dimensions (m)	M3	Part I: vehicle approval (installation of components) Family: installation	on site
G2a	G2a_715/2007_aaaa-bbbb_0	Determination of specific CO2 emissions and fuel consumption of vehicle and device for monitoring on board the vehicle the consumption of fuel and/or electric energy	Calculation CO2-emissions and fuel consumption based on type approval of base vehicle manufacturer - the calculation tool is part of the type approval of the base vehicle - CHTS only enters relevant parameters	Regulation (EC) No 715/2007	-	- dimensions (m) - masses (kg) - calculation	M1, M2, N1, N2	WLTP verification in Multi-Stage Family: installation	on site

G3a	G3a_595/2009_aaaa-bbbb_0	Determination of specific CO2 emissions and fuel consumption of vehicle	VECTO calculation tool - calculation method provided by EU	Regulation (EC) No 595/2009	-	- dimensions (m) - masses (kg) - calculation			on site
G3b	G3b_595/2009_aaaa-bbbb_0	Determination of specific energy efficiency performance of trailer	VECTO calculation tool - calculation method provided by EU	Regulation (EC) No 595/2009	-	- dimensions (m) - masses (kg) - calculation		Family: installation	on site
H1	H1_Annex X_aaaa-bbbb_0	Access to vehicle OBD information and vehicle repair and maintenance information	Installation	Regulation (EU) 2018/858, Articles 61 to 66 and Annex X.	-	- visual inspection	M, N, O	Verification in Multi-Stage O-categories Family: WVTA	on site

\* Number : Regulation (EU)2018/858

\*\* Regulation: according to (EU)2018/858

\*\*\* UNECE : Basic UNECE Regulation

Nr	Test code	Product/ Matrix *	Measured property/ parameter	Reference to test method Regulatory act **	Reference to product standard(s) UNECE***	Test or measurement principle/ measurement technique	Vehicle Categorie	Remarks	Activity performed in following activity centres
0	T00_167-2013_xxxx-yyy_a	Tractor Framework Directive	see other items (combination of relevant topics for a vehicle category)	(EU)167/2013		see other items (combination of relevant topics for a vehicle category)	Ra, Rb, Sa, Sb	Family: WVTA	on site
1	T1_2015-208_xxxx-yyy-II_a	Vehicle structure integrity	Installation	(EU)2015/208 - Annex II		- visual inspection - dimensions (m)	Ra, Rb, Sa, Sb	Family: installation	on site
2	T2_2015-208_2020-540-III-T- 00	Maximum design speed, speed governor and speed limitation devices	Performance speedo-/odometer	(EU)2015/208 Annex III		- dimensions (m) - speed (m/s)	T	Family: dynamic	on site
3	T3_2015-68_xxxx-yyy-RVBR- PB_a T3_2015-68_xxxx-yyy-VIII-IB_a	Braking devices and trailer brake coupling	Braking performance	2015/68/EU Bijlage VIII	13	- dimensions (m) - speed (m/s) - deceleration (m/s <sup>2</sup> ) - forces (N) - pressure (Pa)	R1a, R1b, R2S1a, S1bR3a, S2a(****) R and S	Inertia braking (****) Pneumatic braking Family: dynamic	on site
12	T12_2015-208_xxxx-yyy-XII- RS_a	Lighting installation	Installation	(EU)2015/208 - Annex XII		- visual inspection - dimensions (m) - angles (°)	Ra, Rb, Sa, Sb	Family: installation	on site
14	T14_2015-208_xxxx-yyy-XIV_a	Vehicle exterior and accessories	Installation	(EU)2015/208 - Annex XIV		- dimensions (m)	Ra, Rb, Sa, Sb	Family: installation	on site
18	T18_2015-208_xxxx-yyy-XVIII- RS_a	Devices to prevent unauthorised use	Installation	(EU)2015/208 - Annex XVIII		- visual inspection	Ra, Rb, Sa, Sb	Family: installation	on site
19	T19_2015-208_xxxx-yyy-XIX_a	Registration plate	Installation	(EU)2015/208 - Annex XIX		- dimensions (m) - angles (°)	Ra, Rb, Sa, Sb	Family: installation	on site

20	T20_2015-208_xxxx-yyy-XX_a	Statutory plate and marking	Installation	(EU)2015/208 - Annex XX		- dimensions (m)	T, Ra, Rb, Sa, Sb	Family: installation	on site
21	T21_2015-208_xxxx-yyy-XXI_a	Dimensions and trailer mass	Installation	(EU)2015/208 - Annex XXI		- dimensions (m) - masses (kg) - angles (°)	T, Ra, Rb, Sa, Sb	Family: installation	on site
22	T22_2015-208_xxxx-yyy-XXII_a	Maximum laden mass	Installation	(EU)2015/208 - Annex XXII		- dimensions (m) - masses (kg) - angles (°)	T, Ra, Rb, Sa, Sb	Family: installation	on site
24	T24_2015-208_xxxx-yyy-XXIV_a	Safety of electrical systems	Installation	(EU)2015/208 - Annex XXIV		- visual inspection	Ra, Rb, Sa, Sb	Family: installation	on site
26	T26_2015-208_xxxx-yyy-XXVI_a	Rear protective structures	Installation (Part II + III) Application of forces (Part I + III)	2015/208/EU bijlage XXXVI		- dimensions (m) - forces (N)	Ra, Rb	Full Regulation Family: installation Family: impact/load	on site
27	T27_2015-208_xxxx-yyy-XXVII_a	Lateral protection	Installation (vehicle) Application of forces (part)	2015/208/EU bijlage XXVII	73	- dimensions (m) - forces (N)	Rb	Full Regulation Family: installation Family: impact/load	on site
30	T30_2015-208_xxxx-yyy-XXX_a	Tyres	Installation	(EU)2015/208 - Annex XXX		- visual inspection - pressure (Pa)	Ra, Rb, Sa, Sb	Family: installation	on site
31	T31_2015-208_xxxx-yyy-XXXI_a	Spray-suppression systems	Installation	(EU)2015/208 - Annex XXXI		- dimensions (m) - angles (°)	Rb	Installation only Family: installation	on site
34	T34_2015-208_xxxx-yyy-XXXIV_a	Mechanical couplings	Installation	(EU)2015/208 - Annex XXXIV		- dimensions (m) - angles (°)	Ra, Rb, Sa, Sb	Family: installation	on site

51	T51_1322-2014_xxxx-yyy-XXII_a	Operators manual	Installation	(EU)1322/2014 - Annex XXII		- visual inspection	Ra, Rb, Sa, Sb	Family: installation	on site
53	T53_1322-2014_xxxx-yyy-XXIX_a	Protection against mechanical hazards other than the ones mentioned in Article 18(2)(a), (b), (g), (k), including protection against rupture of pipes carrying fluids and uncontrolled movement of the vehicle	Installation	(EU)1322/2014 - Annex XXIX		- visual inspection	Ra, Rb, Sa, Sb	Family: installation	on site
54	T54_1322-2014_xxxx-yyy-XXV_a	Guards and protective devices	Installation (vehicle) Application of forces (part)	(EU)1322/2014 - Annex XXV		- dimensions (m) - forces (N)	Ra, Rb, Sa, Sb	Family: installation	on site
55	T55_1322-2014_xxxx-yyy-XXVI_a	Information, warnings and markings	Installation	(EU)1322/2014 - Annex XXVI		- visual inspection	Ra, Rb, Sa, Sb	Family: installation	on site

\* Number : according to Regulation UE -EU-EU 167/2013

\*\* Regulation (according to Regulation UE -EU-EU 167/2013)

\*\*\* UNECE : Basic UNECE Regulation

\*\*\*\* in case max. mass ≤ 8000kg, AND v(max) ≤ 30km/h (brake not on all wheels) / 40km/h (brake on all wheels)