



Intyg om utseende av teknisk tjänst

(Certificate of designation of a technical service)

Transportstyrelsen utser härmed
(The Swedish Transport Agency hereby designates)

**ECO - European Certifying Organization
S.p.A.
via Mengolina 33
48018 Faenza
Italy**

med beteckning
(with reference number)

TT 0017

som teknisk tjänst för att utföra:
(as a technical service to perform:)

- inledande bedömning och övervakning av kvalitetsledningssystem hos tillverkare inom typgodkännandeområdet, som kategori C,
(Initial Assessments and surveillance audits of quality management systems of manufacturer's within the scope of type approvals, as category C,)
- provningar eller inspektioner som kategori B för rättsakter angivna enligt bilaga 1. (testing and inspections as category B, for regulatory acts listed in accordance with Annex 1.)

Den tekniska tjänsten har uppvisat relevant kompetens, särskild teknisk kunskap och styrkt erfarenhet i enlighet med Transportstyrelsens föreskrifter (TSFS 2010:72) om utseende och anmälan av organisation för Transportstyrelsens räkning som teknisk tjänst samt 2018/858/EU, 167/2013/EU, 168/2013/EU, 2016/1628/EU¹.

(The technical service has demonstrated appropriate skills, specific technical knowledge and proven experience according to TSFS 2010:72 and 2018/858/EU, 167/2013/EU, 168/2013/EU, 2016/1628/EU¹.)

Tidpunkt då tjänsten utsågs
(Date of designation)

2020-04-07

Intyget är giltig t.o.m.
(Expiry date of this certificate)

2031-04-29



Anna-Karin Bergström
Chef sektion typgodkännande efterlevnad
(Head of Section Type Approval Compliance)

¹ (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles, amending Regulations (EC) No 715/2007 and (EC) No 595/2009 and repealing Directive 2007/46/EC,
(EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013 on the approval and market surveillance of agricultural and forestry vehicles,
(EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles,
(EU) 2016/1628 of the European Parliament and of the Council of 14 September 2016 on requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery, amending Regulations (EU) No 1024/2012 and (EU) No 167/2013, and amending and repealing Directive 97/68/EC.


Bilaga 1
(Annex 1)

Rättsakter som omfattas av utseendet som teknisk tjänst
(Regulatory acts covered by the designation as technical service)

Regulatory act	Description
(EU) 2018/858	Designated to perform the administrative procedure in Annex III on behalf of the STA
(EU) 167/2013	Designated to perform the administrative procedure in (EU) 1322/2014, Annex III on behalf of the STA
(EU) 168/2013	Designated to perform the administrative procedure in (EU) 44/2014, Annex III on behalf of the STA

Regulatory act	Specification	Description	A	B	C	D
EU Motor Vehicles						
2017/2400		Heavy Duty Emissions		X	X	
2015/758		eCall in-vehicle Systems		X	X	
540/2014		Sound level of motor vehicles and of replacement silencing systems		X	X	
595/2009		Emissions Heavy duty vehicles/access to info		X	X	
715/2007		Emissions (Euro 5 and 6) light-duty vehicles/access to information		X	X	
2006/40		Air-conditioning system		X	X	
2005/64		Recyclability		X	X	
Regulations no longer in force - EU Motor Vehicles						
2007/46		Whole Vehicle TA motor vehicles and their trailers		X	X	
65/2012		Gear Shift Indicators		X	X	
130/2012		Vehicle Access & Manoeuvrability		X	X	
347/2012		Advanced emergency braking systems		X	X	
351/2012		Lane Departure Warning Systems		X	X	
1230/2012		Masses & Dimensions		X	X	
19/2011		Statutory plates		X	X	
109/2011		Spray suppression		X	X	
458/2011		Installation of Tyres		X	X	
672/2010		Defrost/Demist		X	X	
1003/2010		Rear reg plate		X	X	
1005/2010		Tow hooks		X	X	



Regulatory act	Specification	Description	A	B	C	D
1008/2010		Washer/wiper		X	X	
1009/2010		Wheel guards		X	X	
78/2009		Pedestrian Protection		X	X	
79/2009		Hydrogen system		X	X	
Agricultural and forestry vehicles						
1322/2014 - Annex VI		Requirements applying to roll-over protection structures (dynamic testing)		X	X	
1322/2014 - Annex VII		Requirements applying to roll-over protection structures (track-laying tractors)		X	X	
1322/2014 - Annex VIII		Requirements applying to roll-over protection structures (static testing)		X	X	
1322/2014 - Annex IX		Requirements applying to roll-over protection structures (front mounted roll-over protective structures on narrow-track tractors)		X	X	
1322/2014 - Annex X		Requirements applying to roll-over protection structures (rear mounted roll-over protective structures on narrow-track tractors)		X	X	
1322/2014 - Annex XI		Requirements applying to falling objects protection structures		X	X	
1322/2014 - Annex XII		Requirements applying to passenger seats		X	X	
1322/2014 - Annex XIII		Requirements applying to the driver's exposure to noise level		X	X	
1322/2014 - Annex XIV		Requirements applying to the driving seat		X	X	
1322/2014 - Annex XV		Requirements applying to operating space and to access to the driving position		X	X	
1322/2014 - Annex XVI		Requirements applying to power take-offs		X	X	
1322/2014 - Annex XVII		Requirements applying to the protection of drive components		X	X	
1322/2014 - Annex XVIII		Requirements applying to seat-belt anchorages		X	X	
1322/2014 - Annex XIX		Requirements applying to safety belts		X	X	
1322/2014 - Annex XX		Requirements applying to the protection against penetrating objects		X	X	
1322/2014 - Annex XXI		Requirements applying to exhaust systems		X	X	
1322/2014 - Annex XXII		Requirements applying to the operator's manual		X	X	
1322/2014 - Annex XXIII		Requirements applying to control devices, including safety and reliability of control systems and emergency and automatic stop devices		X	X	
1322/2014 - Annex XXIV		Requirements applying to the protection against other mechanical hazards		X	X	
1322/2014 - Annex XXV		Requirements applying to guards and protective devices		X	X	
1322/2014 - Annex XXVI		Requirements applying to information, warnings and markings		X	X	

Regulatory act	Specification	Description	A	B	C	D
1322/2014 - Annex XXVII		Requirements applying to materials and products		X	X	
1322/2014 - Annex XXVIII		Requirements applying to batteries		X	X	
1322/2014 - Annex XXIX		Requirements applying to protection against hazardous substances		X	X	
2015/68 - Annex I		Requirements applying to construction and fitting of braking devices and trailer braking couplings		X	X	
2015/68 - Annex II		Requirements applying to testing and performance of braking systems and trailer braking couplings and of vehicles fitted with them		X	X	
2015/68 - Annex III		Requirements applying to the measurement of the response time		X	X	
2015/68 - Annex IV		Requirements applying to energy sources and energy storage devices of braking systems and trailer braking couplings and to vehicles fitted with them		X	X	
2015/68 - Annex V		Requirements applying to spring brakes and to vehicles fitted with them		X	X	
2015/68 - Annex VI		Requirements applying to parking braking systems equipped with a mechanical brake-cylinder locking device		X	X	
2015/68 - Annex VII		Alternative test requirements for vehicles for which tests equivalent to Type-I, Type-II or Type-III tests have been carried out		X	X	
2015/68 - Annex VIII		Requirements applying to the testing of inertia braking systems, braking devices and trailer braking couplings and of vehicles fitted with them as regards braking		X	X	
2015/68 - Annex IX		Requirements applying to vehicles with hydrostatic drive and their braking devices and braking systems		X	X	
2015/68 - Annex X		Requirements applying to the safety aspects of complex electronic vehicle control systems		X	X	
2015/68 - Annex XI		Requirements and test procedures applying to anti-lock braking systems and to vehicles fitted with them		X	X	
2015/68 - Annex XII		Requirements applying to EBS of vehicles with compressed-air braking systems or of vehicles with data communication via pin 6 and 7 of ISO 7638 connector and to vehicles fitted with such EBS		X	X	
2015/68 - Annex XIII		Requirements applying to hydraulic connections of the single-line type and to vehicles fitted with them		X	X	
2015/208 - Annex III		Requirements on the maximum design speed, speed governors and speed limitation devices		X	X	
2015/208 - Annex IV		Requirements on steering for fast tractors		X	X	
2015/208 - Annex V		Requirements on steering		X	X	
2015/208 - Annex VI		Requirements on speedometers		X	X	
2015/208 - Annex VII		Requirements on the field of vision and windscreen wipers		X	X	
2015/208 - Annex VIII		Requirements on glazing		X	X	
2015/208 - Annex IX		Requirements on rear-view mirrors		X	X	



Regulatory act	Specification	Description	A	B	C	D
2015/208 - Annex X		Requirements on driver information systems		X	X	
2015/208 - Annex XI		Requirements on lighting, light-signalling devices and their light sources		X	X	
2015/208 - Annex XII		Requirements on lighting installations		X	X	
2015/208 - Annex XIII		Requirements on vehicle occupant protection, including interior fittings, head restraints, seat belts, vehicle doors		X	X	
2015/208 - Annex XIV		Requirements on vehicle exterior and accessories		X	X	
2015/208 - Annex XVI		Requirements on audible warning devices		X	X	
2015/208 - Annex XV		Requirements on the electromagnetic compatibility		X	X	
2015/208 - Annex XVII		Requirements on heating systems		X	X	
2015/208 - Annex XVIII		Requirements on devices to prevent unauthorised use		X	X	
2015/208 - Annex XIX		Requirements on registration plates		X	X	
2015/208 - Annex XX		Requirements on statutory plates and markings		X	X	
2015/208 - Annex XXI		Requirements on dimensions and trailer masses		X	X	
2015/208 - Annex XXII		Requirements on the maximum laden mass		X	X	
2015/208 - Annex XXIII		Requirements on ballast masses		X	X	
2015/208 - Annex XXIV		Requirements on the safety of electrical systems		X	X	
2015/208 - Annex XXV		Requirements on fuel tanks		X	X	
2015/208 - Annex XXVI		Requirements on rear protective structures		X	X	
2015/208 - Annex XXVII		Requirements on lateral protection		X	X	
2015/208 - Annex XXVIII		Requirements on load platforms		X	X	
2015/208 - Annex XXIX		Requirements on towing devices		X	X	
2015/208 - Annex XXX		Requirements on tyres		X	X	
2015/208 - Annex XXXI		Requirements on spray-suppression systems		X	X	
2015/208 - Annex XXXII		Requirements on the reverse gear		X	X	
2015/208 - Annex XXXIII		Requirements on tracks		X	X	
2015/208 - Annex XXXIV		Requirements on mechanical couplings		X	X	
2018/985 - Annex I		Requirements for EU type-approval regarding pollutant emissions		X	X	
2018/985 - Annex II		Requirements for external sound emissions		X	X	
Two- or three-wheel vehicles and quadricycles						
3/2014 - Annex II		Test procedures and performance requirements applying to audible warning devices		X	X	
3/2014 - Annex III		Requirements applying to braking, including anti-lock and combined braking systems		X	X	
3/2014 - Annex IV		Requirements regarding electrical safety		X	X	
3/2014 - Annex V		Requirements applying to manufacturers' declaration regarding endurance testing of functional safety critical systems, parts and equipment		X	X	



Regulatory act	Specification	Description	A	B	C	D
3/2014 - Annex VI		Requirements applying to front and rear protective structures		X	X	
3/2014 - Annex VII		Requirements applying to glazing, windscreen wipers and washers, and defrosting and demisting systems		X	X	
3/2014 - Annex VIII		Requirements applying to driver-operated controls including identification of controls, tell-tales and indicators		X	X	
3/2014 - Annex IX		Requirements applying to installation of lighting and light signalling devices, including automatic switching of lighting		X	X	
3/2014 - Annex X		Requirements regarding rearward visibility		X	X	
3/2014 - Annex XI		Requirements applying to roll-over protective structure (ROPS)		X	X	
3/2014 - Annex XII		Requirements applying to safety belt anchorages and safety belts		X	X	
3/2014 - Annex XIII		Requirements applying to seating positions (saddles and seats)		X	X	
3/2014 - Annex XIV		Requirements regarding steer-ability, cornering properties and turn-ability		X	X	
3/2014 - Annex XV		Requirements regarding the installation of tyres		X	X	
3/2014 - Annex XVI		Requirements applying to the vehicle maximum speed limitation plate and its location on the vehicle		X	X	
3/2014 - Annex XVII		Requirements regarding vehicle occupant protection, including interior fittings and vehicle doors		X	X	
3/2014 - Annex XVIII		Requirements regarding maximum continuous rated or net power and/or maximum vehicle speed limitation by design		X	X	
44/2014 - Annex II		Requirements applying to powertrain tampering prevention (anti-tampering) measures		X	X	
44/2014 - Annex V		Requirements applying to coupling devices and attachments		X	X	
44/2014 - Annex VI		Requirements applying to devices to prevent unauthorised use		X	X	
44/2014 - Annex VII		Requirements applying to electromagnetic compatibility (EMC)		X	X	
44/2014 - Annex VIII		Requirements applying to external projections		X	X	
44/2014 - Annex IX		Requirements applying to fuel storage		X	X	
44/2014 - Annex X		Requirements applying to load platforms		X	X	
44/2014 - Annex XI		Requirements applying to masses and dimensions		X	X	



Regulatory act	Specification	Description	A	B	C	D
44/2014 - Annex XII		Requirements applying to functional on-board diagnostics (OBD)		X	X	
44/2014 - Annex XIII		Requirements applying to passenger handholds and footrests		X	X	
44/2014 - Annex XIV		Requirements applying to the registration plate space		X	X	
44/2014 - Annex XVI		Requirements applying to stands		X	X	
134/2014 - Annex II		Test type I requirements: tailpipe emissions after cold start		X	X	
134/2014 - Annex III		Test type II requirements: tailpipe emissions at (increased) idle and free acceleration		X	X	
134/2014 - Annex IV		Test type III requirements: emissions of crankcase gases		X	X	
134/2014 - Annex V		Test type IV requirements: evaporative emissions		X	X	
134/2014 - Annex VI		Test type V requirements: durability of pollution-control devices		X	X	
134/2014 - Annex VII		Test type VII requirements on energy efficiency: CO2 emissions, fuel consumption, electric energy consumption and electric range		X	X	
134/2014 - Annex VIII		Test type VIII requirements: OBD environmental tests		X	X	
134/2014 - Annex IX		Test type IX requirements: sound level		X	X	
134/2014 - Annex X		Testing procedures and technical requirements as regards propulsion unit performance		X	X	
134/2014 - Annex XI		Vehicle propulsion family with regard to environmental performance demonstration testing		X	X	
Non-Road Mobile Machinery (NRMM)						
2016/1628		Emissions Non-Road Mobile Machinery (NRMM)		X	X	
UN-regulations						
1R		Headlamps (including R2, HS1)		X	X	
3R		Retro-Reflecting Devices		X	X	
4R		Illumination of Rear Registration Plates		X	X	
5R		Sealed beam headlamps		X	X	
6R		Direction Indicators		X	X	
7R		Position, stop and end-outline lamps		X	X	
8R		Headlamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)		X	X	
10R		Electromagnetic Compatibility		X	X	
11R		Door latches and hinges		X	X	
12R		Steering mechanism		X	X	
13R		Heavy vehicle braking		X	X	
13HR		Brakes of M1 and N1 vehicles		X	X	
14R		Safety-belt anchorages		X	X	
16R		Safety-belts, ISOFIX and i-Size		X	X	



Regulatory act	Specification	Description	A	B	C	D
17R		Strength of seats, their anchorages and head restraints		X	X	
18R		Anti-theft of motor vehicles		X	X	
19R		Front fog lamps		X	X	
20R		Headlamps (H4)		X	X	
21R		Interior Fittings		X	X	
23R		Reversing lamps		X	X	
25R		Head restraints (headrests)		X	X	
26R		External projections of passenger cars		X	X	
28R		Audible warning devices		X	X	
29R		Cabs of commercial vehicles		X	X	
30R		Tyres for passenger cars and their trailers		X	X	
31R		Headlamps (halogen sealed beam)		X	X	
34R		Prevention of fire risks		X	X	
37R		Filament lamps		X	X	
38R		Rear fog lamps		X	X	
39R		Speedometer and odometer		X	X	
41R		Noise emissions of motorcycles		X	X	
43R		Safety glazing		X	X	
46R		Devices for indirect vision		X	X	
48R		Installation of lighting and light-signalling devices		X	X	
49R		Emissions of C.I. and P.I. (LPG and CNG) engines		X	X	
50R		Position, stop, direction indicator lamps for mopeds and motorcycles		X	X	
51R		Sound of M and N categories of vehicles		X	X	
53R		Installation of lighting and light-signalling devices for L3 vehicles		X	X	
54R		Tyres for commercial vehicles and their trailers		X	X	
55R		Mechanical couplings		X	X	
56R		Headlamps (mopeds)		X	X	
57R		Headlamps (motorcycles)		X	X	
58R		Rear underrun protective devices		X	X	
59R		Replacement silencing systems		X	X	
60R		Driver operated controls (mopeds/motorcycles)		X	X	
61R		External projections of commercial vehicles		X	X	
62R		Anti-theft (mopeds/motorcycles)		X	X	
64R		Temporary use spare unit, run flat tyres		X	X	
66R		Strength of superstructure (buses)		X	X	
67R		LPG vehicles		X	X	



Regulatory act	Specification	Description	A	B	C	D
69R		Rear-marking plates for slow moving vehicles		X	X	
71R		Drivers field of vision (agricultural tractors)		X	X	
72R		Headlamps (HS1 lamps) (motorcycles)		X	X	
73R		Lateral protection devices		X	X	
74R		Installation of lighting and light-signalling devices (mopeds)		X	X	
75R		Tyres for L-category vehicles		X	X	
77R		Parking lamps		X	X	
78R		Braking (category L vehicles)		X	X	
79R		Steering Equipment		X	X	
80R		Strength of seats and their anchorages (buses)		X	X	
81R		Rear view mirrors (motorcycles/mopeds)		X	X	
82R		Headlamps (HS2) (moped)		X	X	
83R		Emissions of M1 and N1 vehicles		X	X	
85R		Measurement of the net power		X	X	
86R		Installation of lighting and light-signalling devices for agricultural vehicles		X	X	
87R		Daytime running lamps		X	X	
89R		Speed limitation devices		X	X	
91R		Side marker lamps		X	X	
93R		Front underrun protective devices		X	X	
94R		Frontal collision protection		X	X	
95R		Lateral collision protection		X	X	
96R		Emissions from Non-Road Mobile Machinery (NRMM) engines		X	X	
97R		Vehicle Alarm Systems		X	X	
98R		Headlamps with gas-discharge light sources		X	X	
99R		Gas-discharge light sources		X	X	
100R		Electric power trained vehicles		X	X	
102R		Close coupling devices		X	X	
103R		Replacement pollution control devices		X	X	
105R		ADR vehicles		X	X	
107R		General construction of M2 and M3 vehicles		X	X	
110R		CNG and LNG vehicles		X	X	
112R		Headlamps emitting an asymmetrical passing-beam		X	X	
113R		Headlamps emitting a symmetrical passing-beam		X	X	
116R		Anti-theft and alarm systemsUse		X	X	
117R		Tyres rolling resistance, rolling noise and wet grip		X	X	



Regulatory act	Specification	Description	A	B	C	D
118R		Burning behaviour of materials		X	X	
119R		Cornering lamps		X	X	
120R		Net power of tractors and non-road mobile machinery		X	X	
121R		Identification of controls, tell-tales and indicators		X	X	
122R		Heating systems		X	X	
123R		Adaptive front-lighting systems		X	X	
125R		Forward field of vision of drivers		X	X	
128R		Light Emitting Diode (LED) light sources		X	X	
150R		Retro-Reflective Devices		X	X	

