



National Standards Authority of Ireland

Certificate of Appointment

The National Standards Authority of Ireland, as the approval authority for Ireland to grant approvals for vehicles, technical units and components according to EC Directives and ECE-Regulations, herewith appoints

FAKT S.r.l.

**Via Lithos, 53
I-25086 Rezzato (BS)
Italy**

as a technical service as prescribed in Directives 70/156/EEC, 2003/37/EEC and 2002/24/EEC as well as the 1958 Agreement of the Economic Commission for Europe of the United Nations.

The attached Annex identifies the directives and regulations, including amendments, applicable to this appointment.



Technical Service Number: 88.1

Agreement Date: 15.01.2007

Signed:

Paddy Breen – Director of NSAI Client Services

Signed:

Daniel Tierney – Chairperson of the Board

Issued on 04 May 2007

This appointment is contingent on the maintenance of ISO17025 accreditation.



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Annex to Appointment No. 88.1

Part 1: Directives

Subject	Directive Number	Applicable to Appointment No. 88.1
Type approval of motor vehicles and their trailers	70/156/EEC	X
Sound levels	70/157/EEC	X
Emissions	70/220/EEC	X
Fuel tanks/rear protective devices	70/221/EEC	X
Rear registration plate space	70/222/EEC	X
Steering effort	70/311/EEC	X
Door latches and hinges	70/387/EEC	X
Audible warning	70/388/EEC	X
Rear visibility	70/127/EEC	X
Braking	70/320/EEC	X
Suppression (radio)	72/245/EEC	X
Diesel Smoke	72/306/EEC	X
Interior Fittings	74/60/EEC	X
Anti-theft and immobiliser	74/61/EEC	X
Protective steering	74/297/EEC	X
Seat Strength	74/408/EEC	X
Exterior projections	74/483/EEC	X
Speedometer and reverse gear	75/443/EEC	X
Plates (statutory)	76/114/EEC	X
Seat belt anchorages	76/115/EEC	X
Installation of lighting and light signalling devices	76/756/EEC	X
Retro reflectors	76/757/EEC	X
End-outline front-position (side), rear-position (side), stop, side marker, daytime running lamps	76/758/EEC	X
Direction indicators	76/759/EEC	X
Rear registration plate lamps	76/760/EEC	X
Headlamps (including bulbs)	76/761/EEC	X
Front fog lamps	76/762/EEC	X
Towing hooks	77/389/EEC	X
Rear fog lamps	77/538/EEC	X
Reversing lamps	77/539/EEC	X
Parking lamps	77/540/EEC	X



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Part 1: Directives

Subject	Directive Number	Applicable to Appointment No. 88.1
Seat belts	77/541/EEC	X
Forward vision	77/649/EEC	X
Identification of controls	78/316/EEC	X
Defrost / demist	78/317/EEC	X
Wash / wipe	78/318/EEC	X
Heating systems	2001/56/EEC	X
Wheel guards	78/549/EEC	X
Head restraints	78/932/EEC	X
CO ₂ emissions / fuel consumption	80/1268/EEC	X
Engine power	80/1269/EEC	X
Diesel emissions	88/77/EEC	X
Lateral protection	89/297/EEC	X
Spray-suppression	91/226/EEC	X
Masses and dimensions (cars)	92/21/EEC	X
Safety glass	92/22/EEC	X
Tyres	92/23/EEC	X
Speed limiters	92/24/EEC	X
Masses and dimensions (other than vehicles referred to in item 44)	97/27/EC	X
External projections of cabs	92/114/EEC	X
Couplings	94/20/EC	X
Flammability	95/28/EC	X
Buses and coaches	2001/85/EC	X
Frontal impact	96/79/EC	X
Side impact	96/27/EC	X
Vehicles intended for the transport of dangerous goods	98/91/EC	X
Front underrun protection	2000/40/EC	X



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Part 1: Directives
Two or three wheeled motor vehicles 2002/24/EC

Subject	Directive Number	Applicable to Appointment No. 88.1
Type approval of two or three wheeled motor vehicles	2002/24/EC	X
Maximum torque and maximum net power of engine and Maximum design speed of two and three wheel vehicles	95/1/EC	X
Anti-tampering measures for mopeds and motorcycles	97/24/EC (C7)	X
Fuel tank	97/24/EC (C6)	X
Masses and dimensions	93/93/EEC	X
Trailer coupling devices	97/24/EC (C10)	X
Anti-air pollution measures	97/24/EC (C5)	X
Tyres	97/24/EC (C1)	X
Braking system	93/14/EEC	X
Installation of lighting and light-signalling devices on the vehicle	93/92/EEC	X
Lighting and light-signalling devices	97/24/EC (C2)	X
Audible warning device	93/30/EEC	X
Position for the mounting of rear registration plate	93/94/EC	X
Electromagnetic compatibility	97/24/EC (C8)	X
Sound level and exhaust system	97/24/EC (C9)	X
Rear-view mirror(s)	97/24/EC (C4)	X
External projections	97/24/EC (C3)	X
Stand (except in the case of vehicles having three or more wheels)	93/31/EEC	X
Devices to prevent unauthorised use of the vehicle	93/33/EEC	X
Windows; windscreen wipers; windscreen washers; and so on	97/24/EC (C12)	X
Passenger hand-hold for two-wheel vehicles	93/32/EEC	X
Anchorage points for safety belts and safety belts	97/24/EEC (C11)	X
Speedometer	2000/7/EC	X
Identification of controls, tell-tales and indicators	93/29/EEC	X
Statutory inscriptions	93/34/EEC	X



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Part 1: Directives
Agricultural and forestry tractors 2003/37/EC

Subject	Directive Number	Applicable to Appointment No. 88.1
Type approval of agricultural or forestry tractors and their trailers	2003/37/EC	X
Maximum laden mass	74/151/EEC I	X
Registration plate	74/151/EEC II	X
Fuel tank	74/151/EEC III	X
Ballast masses	74/151/EEC IV	X
Audible warning device	74/151/EEC V	X
Sound level (external)	74/151/EEC VI	X
Maximum speed	74/152/EEC, Annex, paragraph 1	X
Load platforms	74/152/EEC, Annex, paragraph 2	X
Rear-view mirrors	74/346/EEC	X
Field of vision and windscreen wipers	74/347/EEC	X
Steering	75/321/EEC	X
Electromagnetic compatibility	75/322/EEC	X
Braking devices	76/432/EEC	X
Braking devices	71/320/EEC	X
Passenger seats	76/763/EEC	X
Sound levels (internal)	77/311/EEC	X
ROPS	77/536/EEC	X
Driving seat	78/764/EEC	X
Lighting installation	78/933/EEC	X
Lighting and light-signalling devices	79/532/EEC	X
Coupling and reversing devices	79/533/EEC	X
ROPS (static testing)	79/622/EEC	X
Operating space, access to the driving position	80/720/EEC	X
Power take-offs	86/297/EEC	X
Rear-mounted ROPS (narrow-track tractors)	86/298/EEC	X
Installation of the controls	86/415/EEC	X
Front mounted ROPS (narrow-track tractors)	87/405/EEC	X
Dimensions and trailer mass	89/173/EEC I	X
Glazing	89/173/EEC III	X
Glazing	92/22/EEC	X
Speed governor	89/173/EEC II, 1	X



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Agricultural and forestry tractors 2003/37/EC

Subject	Directive Number	Applicable to Appointment No. 88.1
Protection of drive components	89/173/EEC II, 2	X
Mechanical couplings	89/173/EEC IV	X
Statutory plate	89/173/EEC V	X
Trailer-brake coupling	89/173/EEC VI	X
Pollutant emissions	2000/25/EC	X
Tyres (1)	??/??/EC	X
Stability (1)	??/??/EC	X
Seat-belt attachment points	76/115/EEC	X
Seat belts	77/541/EEC	X
Reverse and speedometer	75/443/EEC	X
Spray-suppression systems	91/226/EEC	X
Speed limitation devices	92/24/EC	X
Rear protective structures (1)	??/??/EC	X
Lateral protection	89/297/EEC	X

¹ Pending the adoption of directives on tyres, stability and rear protective structures, the absence of a separate directive on this does not prevent the granting of the whole vehicle type-approval.



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Headlamps (R2 and/or HS1)	1	X
Retro-reflecting devices for power-driven vehicles	3	X
Illumination of rear-registration plates of motor vehicles (except motor cycles) and their trailers	4	X
"Sealed Beam" headlamps (SB) emitting a European asymmetrical passing beam and/or a driving beam	5	X
Direction indicators	6	X
Front and rear position (side) lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers	7	X
Motor vehicles headlamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)	8	X
Noise of category L2, L4 and L5 vehicles	9	X
Approval of Vehicles with regard to electromagnetic stability	10	X
Door latches and retention components	11	X
Protection of drivers against the steering mechanism in the event of impact	12	X
Braking on vehicles of categories M, N and O	13	X
Braking of passenger cars	13H	X
Safety-belt anchorages	14	X
Safety-belts and restraint systems	16	X
Uniform provisions concerning the approval of vehicles with regard to the seats, their anchorages and any head restraints	17	X
Protection of motor vehicles against unauthorized use	18	X
Motor vehicles front fog lamps	19	X
Headlamps emitting an asymmetrical passing beam or both and equipped with halogen filament lamps (H4)	20	X



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Interior fittings	21	X
Protective Helmets and their visors for drivers and passengers of motor cycles and mopeds	22	X
Reversing lights for power-driven vehicles and their trailers	23	X
Reversing lights for power-driven vehicles and their trailers	24	X
Head restraints not incorporated in vehicle seats	25	X
External projections	26	X
Advance-warning triangles	27	X
Audible warning devices and signals	28	X
Protection of then occupants of the cab of commercial vehicles	29	X
Pneumatic tyres for motor vehicles and their trailers	30	X
HSB unit headlamps for motor vehicles	31	X
Head-on collision	33	X
Prevention of fire risks	34	X
Foot controls	35	X
Uniform provisions concerning the approval of large passenger vehicles with regard to their general construction	36	X
Filament lamps of power-driven vehicles and their trailers	37	X
Motor vehicles rear fog lamps	38	X
Speedometer equipment and its installation	39	X



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Noise of motor cycles	41	X
Safety glazing materials	43	X
Restraining devices for child occupants of power-driven vehicles (Child restraint system)	44	X
Headlamp cleaners	45	X
Rear-view mirrors and their installation	46	X
Installation of lighting and light-signalling devices on motor vehicles	48	X
Emission of pollutants of heavy vehicles	49	X
Position lamps, stop lamps, direction indicators for motor cycles	50	X
Noise of vehicles having at least four wheels	51	X
Construction of small capacity public service vehicles	52	X
Installation of lighting and light-signalling devices on category L3 vehicles	53	X
Pneumatic tyres for commercial vehicles	54	X
Mechanical coupling components	55	X
Headlamps for mopeds	56	X
Headlamps for motor cycles	57	X
Rear underrun protective devices and their installation	58	X
Replacement silencing systems	59	X
Driver operated controls of mopeds and motor cycles	60	X



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
External projections forward the cab of commercial vehicles	61	X
Protection against unauthorized use of vehicles with handlebars	62	X
Noise of mopeds	63	X
Temporary-use spare wheels/tyres	64	X
Special warning lamps	65	X
Strength of the superstructure of large passenger vehicles	66	X
Motor vehicles using LPG	67	X
Rear marking plates for slow-moving vehicles	69	X
Field of vision, agricultural tractors	71	X
Rear marking plates for long vehicles	70	X
Motor cycle headlamps (HS1)	72	X
Lateral protection of goods vehicles	73	X
Installation of lighting and light-signalling devices on category L1 vehicles	74	X
Pneumatic tyres for motor cycles and mopeds	75	X
Headlamps for mopeds emitting a driving and a passing beam	76	X
Parking lamps for vehicles	77	X
Braking of category L vehicles	78	X
Steering equipment	79	X
Seats of large passenger vehicles	80	X



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Rear-view mirrors for motor cycles	81	X
Moped headlamps with HS2 lamps	82	X
Emission of pollutants according to engine fuel requirements	83	X
Measurement of the net power and the 30 min. power	85	X
Installation of lighting and light-signalling devices	86	X
Daytime running lamps for power-driven vehicles	87	X
Speed limitation of vehicles	89	X
Replacement brake lining assemblies and drum-brake linings for power-driven vehicles and their trailers	90	X
Side-marker lamps for motor vehicles and their trailers	91	X
Replacement exhaust silencing systems (RESS) for motor cycles	92	X
Front underrun protection	93	X
Protection of occupants against a frontal collision	94	X
Protection of occupants against lateral collision	95	X
Emissions of Pollutants by Compression Ignition (CI) Engines to be installed in Agricultural & Forestry Tractors	96	X
Vehicle Alarm Systems (VAS)	97	X
Motor vehicle headlamps equipped with gas-discharge light sources	98	X
Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	99	X
Battery electric vehicles with regard to specific requirements for construction and functional safety	100	X



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Part 2: Regulations

Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Emissions of carbon dioxide and fuel consumption	101	X
Close-coupling device (CCD)	102	X
Replacement of catalytic converters for power-driven vehicles	103	X
Retro-reflective markings for heavy and long vehicles and their trailers	104	X
Vehicles for the carriage of dangerous goods	105	X
Pneumatic tyres for agricultural vehicles	106	X
Double-deck large passenger vehicles	107	X
Retreaded pneumatic tyres for motor vehicles	108	X
Retreaded pneumatic tyres for commercial vehicles	109	X
Specific components for CNG	110	X
Tank vehicles of categories N and O with regard to rollover stability	111	X
Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps	112	X
Motor vehicle headlamps emitting a symmetrical passing beam or a driving beam or both and equipped with filament lamps	113	X
Airbag module for a replacement airbag system	114	X
Uniform provisions concerning the approval of: I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion system II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion system	115	X
Protection of motor vehicles against unauthorized use	116	X
Tyres with regard to rolling sound emissions	117	X
Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	118	X
Cornering lamps for power-driven vehicles	119	X
Internal combustion engines to be installed in agricultural and forestry tractors and in non-road mobile machinery	120	X



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Subject	Basic UN/ECE Regulation No.	Applicable to Appointment No. 88.1
Identification of controls, tell-tales and indicators	121	X
Heating system of vehicles	122	X
Uniform provisions concerning the approval of adaptive front-lighting systems (AFS) for motor vehicles	123	X
Uniform provisions concerning the approval of wheels for passenger cars and their trailers	124	X

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Part 3: Other Directives

Subject	Directive Number	Applicable to Appointment No. 88.1
Type approval of engines for placement in non-road mobile equipment	97/68/EC	X