

Dokumenttitel Environmental requirements for vehicles, machinery and tools		
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Environmental requirements for vehicles, machinery and tools

This document specifies E.ON Sweden's minimum environmental requirements regarding purchase of transport assignments such as taxis and courier transport, purchase of goods and services that include any type of transport as well as the use of passenger cars, light vehicles, heavy vehicles and work machines and work tools.

1. Background

HSE E.ON Sweden is responsible for the content in this document.

E.ON's Purchasing Unit may deviate from the requirements in this document, for example in situations where a strict application of the requirements is not proportionate to the costs this entails. HSE E.ON Sweden shall be informed about deviations from the requirements in this document. E.ON's Purchasing Unit shall document the deviations and why deviations need to be made. Exceptions must be settled before agreements are concluded between the parties.

After an agreement has been concluded, exemptions may be granted due to unforeseen events. In the event of an emergency, one of the parties can decide on deviations, but deviations must be justified and documented.

E.ON aims to gradually increase the requirements in this document. For example, E.ON has the goal that the share of renewable fuel in our fuel transports should be at least 50% by 2025.

2. Purpose and scope

This document specifies E.ON Sweden's minimum environmental requirements regarding purchase of transport assignments such as:

- taxis and courier transport,
- purchase of goods and services that include any type of transport
- the use of passenger cars, light vehicles, heavy vehicles and work machines and work tools.

The requirements herein affect the companies covered by the management system for Health, Safety and Environment (E.ON's internal routine "Description of the management system for Health, Safety and Environment" D15-0007621). When using handheld power tools, noise disturbance may have to be considered – (E.ON's internal routine Noise – Environment, D15-0001540).

The requirements in this document apply to the business carried out by the Service provider on behalf of the Customer. The requirements also apply to all the Service provider's subcontractors within the described assignment.

In addition to what is referred to in this document, service providers are also responsible for compliance with legislation in force, including local regulations. In the event that additional or more stringent requirements than those referred to in this document are imposed on the service provider, via legislation or contract documents, the more stringent requirements take precedence.

Special transports are exempt from the requirements of this document, see further under definitions.

3. Definitions

In this document, service providers, consultants and contractors are collectively referred to as "**service providers**".

The company within E.ON Sweden which orders deliveries/services from the service provider and/or instructs a service provider to carry a service shall be referred to in this document at the "**Customer**".

Machinery: a portable industrial equipment, or a mobile vehicle with or without bodywork not intended to be used for transport by persons or goods. Examples of working machines are excavator, roller, wheel loaders and forestry machinery (forest harvester, forwarder, etc.), diesel heaters, sweepers / small tractors, lawn mowers, emergency diesel and generators.

Working tools: a unit that is not essentially self-propelled. Handheld tools are also included in the definition of working tools. Examples of working tools are compressor, lawn mower, chainsaw, power cutters, clearing saw, pole saws etc.

Fuel: The fuel used to power vehicles or machinery, for example, diesel, petrol or renewable fuel.

Renewable fuels: fuels produced from renewable or recycled raw materials and non-fossil raw materials. Renewable fuels can be, for example, electricity from renewable energy sources and/or sustainable highly intermixed and sustainable clean biofuels that are not subject to a reduction obligation, for example electricity from wind power, biogas, RME, HVO, and bioethanol.

Biofuels: liquid or gaseous fuels produced from biomass and used for transport purposes, such as biogas, RME, HVO and bioethanol. Biofuels must be classified as sustainable and have received sustainability decisions in accordance with the Swedish Act (2010:598) on sustainability criteria for biofuels and liquid biofuels.

Light vehicles: Vehicles with a total weight up to 3.5 tonnes.

Heavy vehicles: Vehicles with a total weight exceeding 3.5 tonnes.

Special transports: transport of goods which, due to their design (length, width, height, weight) do not fit into normal truck shipments.

4. Responsibility

The Customer is responsible for communicating and following-up the requirements in this document during the contract period. The customer reserves the right to verify that the service provider complies with the requirements of this document. Upon request, the customer shall have access to accounting documents as proof of compliance.

The Service Provider is responsible for fulfilling the requirements in this document throughout the contract period. The service provider is responsible for clarifying clearly before any agreement between the parties if any requirement cannot be fulfilled, together with justification, which the customer must approve before concluding an agreement.

If there are work activities or moments when the requirements in this document cannot be met, the Service Provider shall promptly notify the Purchaser. The Service Provider must not have been able to foresee these work activities or moments with professional judgment at the time of signing the contract.

It is the Service Provider's responsibility to use fuel suitable for each vehicle. The Customer does not take responsibility for any type of damage caused by the use of renewable fuels. For newer vehicles, the service provider may need to ensure that the vehicles are type-approved with the fuel used.

5. General requirements

Fuel

The following conditions apply to the use of fossil fuels:

- Diesel fuel and petrol used shall meet Environmental Class 1 requirements (MK1).
- Alkylate fuel with environmental classification 1 (MK1) shall be used for petrol-fuelled machinery and tooling with motors if these are not equipped with catalytic purification. For two-stroke petrol engines with no catalytic converter, biodegradable two-stroke oil shall be used.
- For two-stroke gasoline engines without catalytic converters, biodegradable two-stroke oil should be used.

Planning

To minimize the environmental impact, transport should be planned so that the route (including the distance), the load capacity and the fill rate can be optimized.

6. Light vehicles and passenger cars

By January 2022, 50% of the passenger cars used in this assignment shall be energy-efficient vehicles using renewable fuels, such as electric cars, gas cars, hybrid-powered cars or cars powered by other renewable fuels (e.g. RME, HVO, ethanol).

When purchasing transport services (e.g. taxi, courier, passenger transport), at least 70% of the fuel covered by the transport assignment must consist of renewable fuels.

When purchasing goods or services where transport is a significant part (e.g. security guarding), at least 50% of the fuel affected by the delivery of the goods or service shall consist of renewable fuels.

For vehicles where 100% renewable fuels cannot be selected, fossil fuel with the highest possible biofuel admixture must be selected.

The maximum permissible CO₂ emissions for a passenger car fuelled by fuel other than renewable electricity or biogas shall be 125 g/km.

The maximum permissible CO₂ emissions for a trucks fuelled by fuel other than renewable electricity or biogas is 230 g/km.

Light vehicles must at least meet the emission requirements corresponding to Euro V at the start of the assignment. Vehicles purchased during the assignment must at least correspond to Euro VI.

7. Heavy vehicles

Fossil fuel with the highest possible biofuel admixture must be selected.

Heavy vehicles must, as a minimum requirement, meet Euro V emission requirements at the start of the assignment. Vehicles purchased during the assignment must, as a minimum requirement, meet the Euro VI standard.

8. Machinery and working tools

When purchasing new work machines and tools, these must be energy efficient and run on renewable fuels.

When working in a zoning plan area, in gardens and at E.ON's regional and distribution stations, handheld tools must be electric/battery-powered.

For machinery and tools where 100% renewable fuels cannot be selected, fossil fuel with the highest possible biofuel admixture must be selected.

Machinery with an engine of 18-37 kW shall be certified in accordance with EU Stage 2 exhaust gas requirements or higher.

Machinery with an engine over 37 kW shall be certified in accordance with EU Stage 1 exhaust gas requirements or higher.

In the case of machinery with an engine that is used very sparingly and/or has a long service life, exemptions may be allowed from the requirements if the Customer permits.

9. Version history

This document replaces D18-0001549 "Environmental requirements for transport services" version 2.0 at E.ON's supplier portal and version 3.0 in E.ON's internal system Documentum.

Important changes since the last version:

Version	Chapter	Paragraph	Change
5.0	Background	Second paragraph	Brand new text on the procured entity's responsibility and exemption.
5.0	Purpose and scope	First paragraph	"Significant part" has been removed regarding the purchase of goods and services.
5.0	Purpose and scope	Third paragraph	Clarification that the requirements apply to all the service providers 's subcontractors.
5.0	Purpose and scope	Fourth paragraph	Clarification regarding contract documents.
5.0	Purpose and scope	Fifth paragraph	New exception introduced regarding special transport.
5.0	Definitions	Third paragraph	Revised definition of work machines.
5.0	Definitions	Fourth paragraph	Revised definition of working tools.
5.0	Definitions	Sixth paragraph	Revised definition of renewable fuels.
5.0	Definitions	Seventh paragraph	New definition of biofuels.
5.0	Definitions	Tenth paragraph	New definition of special transports.
5.0	Responsibility	First paragraph	New sentence added that on request the customer should have access to accounting documents as proof of compliance.
5.0	Responsibility	Second point, first paragraph	Clarification regarding the service provider's responsibility. Action plan requirements removed.
5.0	Responsibility	Second point, second paragraph	New paragraph describing the service provider's responsibility concerning work activities or moments when the requirements in this document cannot be met.
5.0	Responsibility	Second point, third paragraph	New paragraph regarding the service provider's responsibility for fuel.
5.0	General requirements	--	Requirements removed regarding Eco Driving.
5.0	General requirements	--	Requirements removed regarding hydraulic oils.
5.0	General requirements	First paragraph	Requirements for renewable fuels have been removed as the requirement is found under other headings. The exception regarding environmental class 1 has been removed.
5.0	General requirements	Second paragraph	New requirements have been added regarding planning (distance, load capacity and fill rate).

5.0	Light vehicles and passenger cars	First paragraph	The priority scheme has been removed and replaced. The exemption from the requirement has been removed.
5.0	Light vehicles and passenger cars	Fourth paragraph	New requirement regarding fossil fuel with the highest possible biofuel admixture.
5.0	Heavy vehicles	--	The requirement that energy-efficient vehicles driven with renewable fuels should be selected in the first place has been removed.
5.0	Heavy vehicles	--	The following requirement have been removed "When purchasing transport services or goods and services where transport is a significant part (e.g. fuel, transformers, waste, bulk chemicals, security guarding) with heavy vehicles, at least 30% of the fuel for the vehicles used in the transport services shall consist of: renewable fuels."
5.0	Heavy vehicles	First paragraph	New requirement regarding fossil fuel with the highest possible biofuel admixture.
5.0	Machinery and working tools	First paragraph	Clarification that the requirement concern the purchase of new work machines and tools.
5.0	Machinery and working tools	Second paragraph	New requirement regarding usage of handheld tools within a zoning plan area.
5.0	Machinery and working tools	Third paragraph	New requirement regarding fossil fuel with the highest possible biofuel admixture.
5.0	Machinery and working tools	--	Requirements regarding the reporting of used work machines according to a list have been removed.
5.0	Machinery and working tools	--	The heading "other means of transport" has been removed. Requirements regarding "other means of transport" have been removed.