

## **Rederi Ab Eckerö and Eckerö Line rules for transport of electric- and hybrid cars**

According to the IMDG code electric cars are classified as dangerous goods as follows:

UN 3171 BATTERY POWERED VEHICLE or BATTERY POWERED EQUIPMENT

This category includes passenger cars and other vehicles designed for transport of persons or cargo powered by electric batteries (BEV; Battery Electric Vehicle) and so-called hybrid electric cars with both gasoline combustion motor combined with electric battery pack (HEV; Hybrid Electric Vehicle).

IMDG Special provision 961:

Vehicles are not subject to the provisions of IMDG Code if any of the following conditions are met: vehicles are stowed on the vehicle, special category and ro-ro spaces or on the weather deck of a ro-ro ship, and there are no signs of leakage from the battery, engine, fuel cell, compressed gas cylinder or accumulator, or fuel tank when applicable.

This means that electric cars and hybrid cars used for normal road transport without leakage and apparent defects, and otherwise approved for use on public roads (hyväksytty auton katsastus), may be transported as regular normal cars onboard FINLANDIA and FINBO CARGO on the cardecks only.

### **Damaged electric- and hybrid cars**

The industry guidance (EMSA Guidance for AFVs carriage in ro-ro spaces, May 2022) current recommendation is that if an electric vehicle is found damaged but it is unclear if the battery is damaged it should not be accepted for transport.

Based on above, the Company's rules for transport of damaged electric cars are:

**Damaged electric vehicles are considered as IMDG cargo UN 3171 and may only be loaded and stowed according to ships certificate, DoC for Dangerous Goods and IMDG Code or Baltic MoU regulations and such cars are only allowed for transport on mv FINBO CARGO.**

**Transport of damaged electric cars is not permitted on mv FINLANDIA.**

## Special instructions

- Factory new electric cars transported on trucks shall normally be accepted for transport as normal cars.
- Electric cars which are transported on trucks, towing truck, vehicle trailer or towed and not driven by own power (eg transported for regular planned service). Such cars which have no signs of leakage or apparent defects can be accepted for transport on mv FINLANDIA provided the transporter/shipper/owner can declare the battery pack of the car is not damaged.

This document shall be in writing and signed, see attached declaration.

- There is no accepted “waiting” time where damaged electric cars has been kept in isolation for a period of time that can justify transport of such cars on mv FINLANDIA, all damaged electric cars are only allowed for transport on mv FINBO CARGO.
- The only condition where damaged electric cars may be accepted for transport onboard FINLANDIA is if the battery pack is completely removed. Battery disconnection is not enough, battery pack must be removed and transported separately, as correctly classified IMDG cargo.

In such case the transporter/shipper/owner must declare that the battery pack of the car is removed, and this document shall be in writing and signed.

## Declaration of battery condition for electric cars and hybrid cars

Vehicle model and type:

Registration number and country:

We hereby declare that the above vehicle does not carry electrical or hybrid vehicles

We hereby declare that the battery pack of the above vehicle has not been subject to any physical damage or impact or has other known physical or electrical defects, and there are visual no signs of leakage or damages on the battery pack such as swelling, corrosion, deformation, discoloration, emitting smoke or vapours or high temperatures. We further declare that the battery pack has not been manipulated or modified and is in its original condition and we assure it is in good satisfactory condition for transport.

We accept full responsibility for any subsequent consequences which are result of accident due damaged battery of above vehicle.

Date: \_\_\_\_\_ Owner/Shipper/Driver: \_\_\_\_\_

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## Oświadczenie o stanie akumulatora dla samochodów elektrycznych i hybrydowych

Model i typ pojazdu:

Kraj i numer rejestracyjny:

Nationality and Registration number:

Niniejszym oświadczamy, że powyższy pojazd nie przewozi pojazdów elektrycznych lub hybrydowych

Niniejszym oświadczamy, że pakiet akumulatorów powyższego pojazdu nie został poddany żadnym uszkodzeniom fizycznym ani uderzeniom, ani nie posiada innych znanych wad fizycznych lub elektrycznych, a na pakiecie akumulatorów nie ma wizualnie żadnych oznak wycieku lub uszkodzeń, takich jak pęcznienie, korozja, deformacja, odbarwienie, emitowanie dymu lub oparów lub wysokich temperatur. Ponadto oświadczamy, że pakiet baterii nie był manipulowany lub modyfikowany i jest w oryginalnym stanie oraz zapewniamy, że jest w dobrym, zadowalającym stanie do transportu.

Przyjmujemy pełną odpowiedzialność za wszelkie późniejsze konsekwencje, które są wynikiem wypadku spowodowanego uszkodzonym akumulatorem w powyższym pojeździe.

Data: \_\_\_\_\_ Właściciel/nadawca/kierowca: \_\_\_\_\_

## Elektriautode ja hübriidautode akude seisundi deklareerimine

Sõiduki mudel ja tüüp:

Riik ja registreerimisnumber:

Käesolevaga deklareerime, et ülaltoodud sõiduk ei kanna elektri- või hübriidsõidukeid

Käesolevaga kinnitame, et eespool nimetatud sõiduki akupakett ei ole saanud füüsilisi kahjustusi või kokkupõrkeid ega muid teadaolevaid füüsilisi või elektrilisi defekte ning et akupaketil ei ole nähtavaid lekke- või kahjustusnähte, nagu paisumine, korrosioon, deformatsioon, värvimuutus, suitsu või aurude eraldumine või kõrge temperatuur. Lisaks kinnitame, et akupaketti ei ole manipuleeritud ega muudetud ja see on algses seisukorras ning kinnitame, et see on transpordiks heas ja rahuldavas seisukorras.

Võtame täieliku vastutuse kõigi hilisemate tagajärgede eest, mis tulenevad õnnetusest, mis on tingitud eespool nimetatud sõiduki kahjustatud akust.

Kuupäev:

Omanik/saatja/juht:

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## Декларация о состоянии аккумулятора для электромобилей и гибридных автомобилей

Модель и тип транспортного средства:

Страна и номер регистрации:

Заявляем, что вышеуказанное транспортное средство не является электромобилем или гибридным автомобилем

Заявляем, что аккумуляторная батарея вышеуказанного транспортного средства не подвергалась никаким физическим повреждениям или ударам, не имеет других известных физических или электрических дефектов, и на ней отсутствуют визуальные признаки утечки или повреждения, такие как вздутие, коррозия, деформация, изменение цвета, выделение дыма или паров или высокая температура. Мы также заявляем, что аккумуляторный блок не подвергался никаким манипуляциям или изменениям и находится в своем первоначальном состоянии, и мы гарантируем, что он находится в хорошем удовлетворительном состоянии для транспортировки.

Мы принимаем на себя полную ответственность за любые последующие последствия, возникшие в результате аварии из-за поврежденного аккумулятора вышеуказанного транспортного средства.

Дата:

Владелец/отправитель/водитель: