

TYPE APPROVAL CERTIFICATE

This is to certify:**That the ISO Freight Container**with type designation(s)
40ft CSC/ISO Container - EKCI/CAS-DN/356/062

Issued to

EKC International FZE
Dubai, United Arab Emirates

is found to comply with

International Convention for Safe Containers, 1972 (CSC)
ISO 1496, Part 5: Platform and Platform-Based Containers
DNV 2.7-4 Freight Containers**Application :**

Max. gross mass (kg)	35000
Max. payload (kg)	28350
Net. cubic cap. (m³)	-
Stacking cap. (kg)	213333

Issued at **Høvik** on **2019-04-03**This Certificate is valid until **2024-04-02**.for **DNV GL**DNV GL local station: **Abu Dhabi**Approval Engineer: **Igor Antonijevic**

Inger-Helene Hals
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

40' ISO/CSC container	
CSC Approval reference number	N-NV/599/12/18
ISO designation	1AAA
Size code / Type code	45 / P5
Max. external dimensions (LxWxH)	12192 x 2438 x 2896 mm
Stacking test load per corner	96000 kg
Tare mass ¹⁾	6650 kg

¹⁾ tare mass is to be confirmed by weighing. The sum of the tare mass and the payload shall never exceed the Max. gross mass as it is stated on the front page of this certificate.

This design partly complies with ISO 1496-5. The following deviations have been accepted:
- the container is not equipped with gooseneck tunnel as required by the standard. This should be included in each container certificate.

Application/Limitation

The following text to be included in each certificate:

"Gas cylinders can be transported in this frame. However, if the gas cylinders are fixed and are connected via manifolds, the unit as a whole (frame and gas cylinder installation) is defined as a MEGC (Multiple Elements Gas Container). According to the IMDG Code Ch. 6.7.5, MEGCs must be approved and certified by an authorized certifying body." Note that the ISO Type Code is not applicable for MEGCs and will have to be changed if the container is certified as MEGC.

Production tests to be carried out as required by DNV GL surveyor.

DNV GL surveyor has to witness important production and test events and issue Form no. CTC301 "Freight Container Certificate" for all containers.

Type Approval documentation

Tests carried out

Prototypes strength tested according to requirements.

Marking of product

Each container to be marked with:

- Data Plate according to CSC requirement including Allowable stacking load for 1.8g of 213333 kg
- External marking according to DNV GL/ISO 6346 requirements
- DNV GL decal for freight containers
-  mark to be hard stamped on frame

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform an assessment every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE