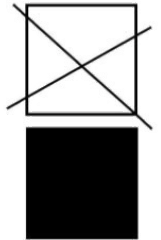


**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET23701A**

HOLDER OF CERTIFICATE:
Rudskoga Svetsmekaniska AB


MANUFACTURER: Rudskoga Svetsmekaniska AB, UPPLANDA 2360, 681 96
Kristinehamn, Sweden



MARKING ON PACKAGING:

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking.

 **31A/Z/MMYY/N/NET23701A-ID/0/KG**

-  : The United Nations symbol
- 31A : Steel IBCs for liquids
- Z : Packaging group III
- MMYY : To be replaced with the month and year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET23701A - ID : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
- 0 : The stacking test load in kg
- KG : The maximum permissible gross mass in kg

PRODUCT:

Description
A lightweight tank due to its cylindrical construction. Overfill protection, overpressure valve, air valve and filling are included and are protected behind lockable door for increased safety. The tank is also equipped with brackets for lifting arch and lifting chain.



DIMENSIONS:

#: Capacity, l	L*Ø, mm	Mantle / Gable, mm	Drawing
1: 3000	2008*1408	4 / 4	ADR3000.01
2: 2000	2008*1208	4 / 4	ADR-2000.01
3: 1500	2008*1008	4 / 4	ADR1500.01

OTHER PARTS:

Kit	Producer
Port plate with 5 connections	Rudskoga Svetsmekaniska AB
Door with hinges	Rudskoga Svetsmekaniska AB



LEGISLATION:

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

REGULATIONS BASED UPON FOR APPROVAL:

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

- 6.5.6.4 Bottom lift test
- 6.5.6.5 Top lift test
- 6.5.6.7 Leakproofness test
- 6.5.6.8 Internal pressure test
- 6.5.6.9 Drop test
- 6.5.6.13 Vibration test

APPROVAL IS VALID FOR:

Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content	Max. relative density	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
1: Liquids	0.86	3000 / 684	200
2: Liquids	0.86	2200 / 600	200
3: Liquids	0.86	1580 / 530	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P401775	30.06.2004	SP	Type approval
4P08167	02.05.2016	SP	Additional type test
NET23701AZ	19.04.2022	NET	Type Approval

VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

TEST STANDARD:

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.



BREVIK, NORWAY

19.04.2022 CERTIFICATE IS VALID UNTIL:

30.04.2027



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification