INITIAL INSPECTION CERTIFICATE
UN PORTABLE TANK (§6.7)
TANK CONTAINER (§6.8)

BUREAU VERITAS

cofrac INSPECTION — Accreditation Cofrac Inspection n°3-1352, liste des implantations et portées sur www.cofrac.fr / list of sites and scopes on www.cofrac.fr

Report n° : BVCT 2170551/S-005 REV.0

BIC : COAU 210021-8		**BVCT :** 2170551/S
Max. gross weight : 36000 kg	**Tare :** 4050 kg	**Payload :** 31950 kg
Owner : "Coagulant" Pology Chemical Plant ALC, Ukraine	**Operator :**	
Portable Tank instruction : T12	**ADR/RID tank code :** L4BH	**Special provisions :** None

BUREAU VERITAS U.S. Designation No. IA-8106 D.O.T. APPROVAL AGENCY

Model : NTC-LT-1539 **Serial n° :** NCTE21T 29294 **ISO size/type code :** 22K2
Type : UN Portable Tank/Tank container **Dimensions :** 6058x 2438 x2591 mm

Nominal capacity : 21000 L

Measured capacity : 21200 L at 20°C

Maximum allowable working pressure : 4 bar

Test pressure : 6 bar

APPROVALS

ADR/RID: F/8227/BV/21
IMDG: F/BV/19/136-T12
CSC: F/BV/13051/15
US-DOT CFR49: UN PORTABLE TANK
TIR*: GB/C 46993 BV/2019

UIC * IRS 50592
TC : IMPACT APPROVED

SUBSTANCES SUITABLE FOR TRANSPORT : In accordance with the requirements of the applicable regulations and the construction of the tank and its equipment. (Substances not compatible with the tank and/or its accessories are excluded for transport)

MANUFACTURER : CIMC SAFEWAY TECHNOLOGIES CO., LTD.

STATEMENT OF THE MANUFACTURER : I, certify that the above mentioned tank (tank n°NCTE21T 29294) has been manufactured and inspected in the same way as the basic prototype tank certified by BUREAU VERITAS under n° BVCT 1970600/V

Manufacturer's stamp

中集安瑞环科技股份有限公司 质控部

CHARACTERISTICS

GENERAL DRAWING N° : PCF01-04605-D

DESIGN

Design code : ASME VIII DIV 1/EN 14025
Design temperature : -40 ~ 130 °C
Design pressure : 4 bar
External design pressure : 0.41 bar
ADR/RID calc. pressure : 6 bar

MATERIALS

Frame : SPA-H or equivalent
Tank Shell : ASME SA240 304
Tank Heads : ASME SA240 304

TANK

External diameter : 2209.2 mm
Number of compartments : 1
Number of baffles : None
Design thickness
Shell Nominal : 4.60 mm **Minimum** : 4.47 mm
Heads Nominal : 7.00 mm **Minimum** : 6.50 mm
Equivalent thickness in reference steel
Shell : 6 mm
Heads : 6 mm
External tank area : 44.00 m²

EQUIPMENT

Heater type : None
Heater work pressure : - bar
Heater test pressure : - bar
Surface area : - m²
Outlet Top : Provision Only **Closures** : -
Bottom : YES **Closures** : 3

SAFETY DEVICES

Relief valve : 1 **Setting** : 4.4 bar
Relief valve type : 043/14400082S/Fort Vale
Flame resistant gauze : NO
Relief valve serial no. : 21177427
Rupture disc : 1 **Setting** : 4.84 bar
Mounting : In series
Installed vent capacity : 4.673 Nm³/s
Minimum vent capacity : 2.960 Nm³/s

COATING / INSULATION

Internal : Chemoline 8 **External :** Rockwool with GRP

TESTS **R** : 36000 kg
Stacking at : 192000 kg
Transverse Racking test : 150 kN
Impact test at : SRS obtained at R = 36000 kg

MARKING Drawing. N° : MAK01-01268(B) & 14101-02728(A)

STAMPING :

01/2022 **P** on identification plate

INSPECTIONS

This tank has been manufactured under BUREAU VERITAS survey, in accordance with the following prescriptions :

- **Rules of** : BUREAU VERITAS - ETTC GM
- **Code** : ISO 1496-3
  : IMDG Code Amendment 40-20
  : ADR/RID 2021

The inspections performed are subject to reports :

: BVCT 2170551/S

INSPECTIONS PERFORMED

Verification of the conformity with the prototype.

Visual internal and external inspection of the tank.

Visual inspection of the frame.

Hydrostatic pressure test of the tank:
- At a pressure of : 6 bar
- Performed on : 06/01/2022

Pneumatic tightness test of the tank equipment:
- At a pressure of : 1 bar
- Performed on : 22/02/2022

Satisfactory operation of the service equipment.

Verification of the markings.

Review of radiographs:
- All "T" joints of circumferential and longitudinal shell welds
- 100% of welds in head section

REMARKS

- Date of next statutory examination : 07/2024
- Date of next CSC examination: 01/2027

BUREAU VERITAS PARIS 1828 REGISTRE INTERNATIONAL

*** Manufacturers responsibility to obtain the approval**

Issued at : Shang Hai **On date of :**30/03/2022

Inspected by : Eric Sun/Yang Wang

Region-Office : SHANGHAI P.R.C

RAPPORT ETABLI SOUS AGREMENT DE L'AUTORITE COMPETENTE FRANCAISE / REPORT ISSUED UNDER AGREEMENT OF FRENCH COMPETENT AUTHORITY