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PSB Singapore

CERTIFICATE OF PACKAGING PERFORMANCE

UN Marking Certification Scheme

Certification Serial No.: UN 109961 0025 Rev. 01

Initial No.: UN 109961 0004 Rev. 00

Test Report Ref:	7191323313-EEC23/01-NKH
Issue To:	**Yung Hsin Contain Industry Co., Ltd.** No. 22, Wen Hua Road, Hsinchu Industrial Park, Hu Kou Hsiang, 30352 Hsinchu Hsien, TAIWAN
UN Packing Type Code:	31HA1 Packing Group II (Y)
Description Of Sample:	Composite IBC with Rigid Plastic Inner Receptacle (with or wihout dicharge valve option) and outer casing of steel tubes for liquid substance GNX 1000-SP Model of normal capacity 1000Ltr with pallet - Steel Type Designation: Model GNX-1000SP of nominal capacity 1000Lit with pallet-SP Size of IBC: Drawing no: 2 10 20 0310 dated 07-10-2020 on page 06 of test report 7191323313-EEC23/01-NKH Material of IBC: Inner Container-PE-HD;Outer Casing-Steel tube; Pallet-Steel Nominal capacity: 1000 litres Weight of IBC: 57kg Measured thickness: Top(3.0-3.5)mm, Body(2.0-2.5)mm, Bottom(3.0-3.5)mm

Packaging of the design type described above may bear the following marking:

31HA1/Y/**
SGP/YHC 030/4056/1960/
57kg/1050L/100kPa

** To be replaced by the last two digits of the month and year of manufacture

Date of Original Issue:	2021-01-14	Date of Expiry:	2027-01-13

Date of Last Revision: 2024-02-20

(KHEE HENG HOW)
TÜV SÜD PSB

This Certificate is the property of TÜV SÜD PSB Pte Ltd. Reports listed in this certificate is an integral part of the certificate and should be read in conjunction with it. The use of this Certificate is subjected to TÜV SÜD Group Testing and Certification Regulations; TÜV SÜD PSB Pte Ltd (PSB) General Terms and Conditions of Business and PSB UN Mark Certification Scheme Application Fact Sheet. The manufacturer is solely responsible for compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking the e-directory: www.tuvsud.com/ps-cert. For more information on TÜV SÜD PSB Pte Ltd product certification: www.tuvsud.com/sg

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It is certified that the samples of the design type described above has been tested in accordance with the provisions of the United Nations Recommendations on the Transport of Dangerous Goods (21st Revised Edition: 2019) Chapter 6, International Marine Dangerous Goods (IMDG) – (2020 Edition), International Civil Aviation Organisation (ICAO) – (2009-2016 Edition), International Air Transport Authority (IATA) – (58th Edition), Road Transport (ADR) – (2015 Edition), Railway Transport (RID) – (2015 Edition) and successfully met the criteria described in paragraphs 6.5.6.4 to 6.5.6.9 and 6.5.6.13 as shown below:

Test		Intensity
Bottom Lift Test to Clause	6.5.6.4	2446kg
Top Lift Test to Clause	6.5.6.5	3914kg
Stacking Test to Clause	6.5.6.6	24 hours at 4056kg
Leakproofness Test to Clause	6.5.6.7	20kPa for 10 minutes
Hydraulic Pressure Test to Clause	6.5.6.8	100kPa for 10 minutes
Drop Test to Clause	6.5.6.9	1.9m
Vibration Test to Clause	6.5.6.13	1 hour at 25mm

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