



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
0605-1997-AE-RGC-UKAS

Initial certification date:
15 March, 1997

Valid:
12 April, 2022 – 15 March, 2024

This is to certify that the management system of

Dairen Chemical Corporation

18F., No. 223, Songjiang Rd., Zhongshan Dist., Taipei 104, Taiwan
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:

Design and Manufacture of Vinyl Acetate Monomer(VAM), Acetaldehyde, Allyl Alcohol(AAL), Liquefied Carbon Dioxide(L-CO₂), Nitrogen(N₂), Vinyl Acetate-Ethylene Copolymer Emulsion(VAE), Vinyl Acetate-Ethylene Copolymer Redispersible Powder(VAEP), Ethylene-Vinyl Acetate-Vinyl Chloride Emulsion (EVAVC), Ethylene-Vinyl Chloride Copolymer Emulsion (EVCL), 1,4-Butanediol(1,4-BDO), 2-Methyl-1,3-Propanediol(MPO), n-Propanol (NPA), iso-Butanol(IBA), Tetrahydrofuran(THF), Polytetramethylene Ether Glycol(PTG), Recycled Sulfuric Acid and γ -Butyrolactone(GBL)

Place and date:
Shanghai, 13 April, 2022



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For the issuing office:
DNV - Business Assurance
Suite A, Building 9, No.1591 Hongqiao
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Zhu Hai Ming
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance UK Limited, 4th Floor, Vivo Building, 30 Stamford Street, London, SE1 9LQ, United Kingdom.
TEL: +44(0) 203 816 4000. www.dnv.co.uk

Appendix to Certificate

Dairen Chemical Corporation

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Dairen Chemical Corporation, Da-Fa Factory	No. 8-1, Huaxi Road, Da-Fa Industrial District, Kaohsiung 831, Taiwan	Design and Manufacture of 1,4-Butanediol(1,4-BDO), 2-Methyl-1,3-Propanediol(MPO), n-Propanol (NPA), iso-Butanol(IBA), Tetrahydrofuran(THF), Polytetramethylene Ether Glycol(PTG), Recycled Sulfuric Acid, γ -Butyrolactone(GBL), Allyl Alcohol(AAL) and Nitrogen(N ₂)
Dairen Chemical Corporation, Kaohsiung Factory	No. 1-3, Hsiung-Kung Road, Ta-She Industrial Zone, Kaohsiung 815, Taiwan	Design and Manufacture of Vinyl Acetate Monomer(VAM), Allyl Alcohol(AAL), Vinyl Acetate-Ethylene Copolymer Emulsion(VAE), Vinyl Acetate-Ethylene Copolymer Redispersible Powder(VAEP), Liquefied Carbon Dioxide(L-CO ₂) and Nitrogen(N ₂)
Dairen Chemical Corporation, Mai-Liao Factory	No. 25, Formosa Industrial Park, Mailiao, Yunlin 638, Taiwan	Manufacture of Vinyl Acetate Monomer (VAM), Acetaldehyde, Allyl Alcohol (AAL), 1,4-Butanediol (1,4-BDO), Polytetramethylene Ether Glycol (PTG), n-Propanol(NPA), iso-Butanol (IBA), 2-Methyl-1,3-Propanediol (MPO), Tetrahydrofuran(THF), Recycled Sulfuric Acid and Liquefied Carbon Dioxide(L-CO ₂)
Dairen Chemical (M) Sdn. Bhd.	PLO 18, Jalan Nibong 1, Tanjung Langsat Industrial Estate, 81700 Pasir Gudang, Johor, Malaysia	Design and Manufacture of Vinyl Acetate-Ethylene Copolymer Emulsion (VAE), Ethylene-Vinyl Acetate-Vinyl Chloride Emulsion (EVAVC) and Ethylene-Vinyl Chloride Copolymer Emulsion(EVCL)
Dairen Chemical (Jiangsu) Co., Ltd.	No. 1, Dalian Road, Yangzhou Chemical Industry Park, Yangzhou, Jiangsu, P.R. China ,211900	Manufacture of Vinyl Acetate-Ethylene Copolymer Emulsion(VAE), Vinyl Acetate-Ethylene Copolymer Redispersible Powder(VAEP), 1,4-Butanediol(1,4-BDO), 2-Methyl-1,3-Propanediol(MPO), n-Propanol(NPA), iso-Butanol(IBA), Tetrahydrofuran(THF), Polytetramethylene Ether Glycol(PTG), Allyl Alcohol(AAL) and Nitrogen(N ₂)



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Dairen Chemical Corporation	18F., No. 223, Songjiang Rd., Zhongshan Dist., Taipei 104, Taiwan	Sales of Vinyl Acetate Monomer(VAM), Acetaldehyde, Allyl Alcohol(AAL), Liquefied Carbon Dioxide(L-CO2), Nitrogen(N2), Vinyl Acetate-Ethylene Copolymer Emulsion(VAE), Vinyl Acetate-Ethylene Copolymer Redispersible Powder(VAEP), Ethylene-Vinyl Acetate-Vinyl Chloride Emulsion (EVAVC), Ethylene-Vinyl Chloride Copolymer Emulsion (EVCL), 1,4-Butanediol(1,4-BDO), 2-Methyl-1,3-Propanediol(MPO), n-Propanol (NPA), iso-Butanol(IBA), Tetrahydrofuran(THF), Polytetramethylene Ether Glycol(PTG), Recycled Sulfuric Acid and γ -Butyrolactone(GBL)
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