



# MANAGEMENT SYSTEM CERTIFICATE

Site certificate No.:  
00003-2020-AN-TWN-TAF-CC3

Valid:  
2023-06-18 – 2026-06-17

Belongs to main certificate number:  
00003-2020-AN-TWN-TAF

This is to certify that the centrally implemented management system for

**Dairen Chemical Corporation, Da-Fa Factory**  
No. 8-1, Huaxi Road, Da-Fa Industrial District, Kaohsiung 831, Taiwan

has been found to conform to the Energy Management System standard:  
**ISO 50001:2018**

This certificate is valid for the following site scope:

**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,  $\gamma$ -Butyrolactone(GBL), Allyl Alcohol(AAL) and Nitrogen(N<sub>2</sub>)**

Place and date:  
Taipei City, 2023-04-20



For the issuing office:  
DNV - Business Assurance  
29Fl., No. 293, Sec. 2, Wenhua Rd., Banqiao  
District, New Taipei City 220, Taiwan

**Joseph Chu**  
Management Representative

It is the management system of the whole organisation which is certified. The validity of this certificate depends on the validity of the main certificate.  
Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance Co., Ltd, 29Fl., No.293, Sec.2, Wenhua Road, Banqiao Dist., New Taipei City, Taiwan R.O.C - TEL: +886 2 8253 7800.  
www.dnv.com/tw/assurance