

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:
00006-2019-AN-TWN-TAF

Initial date:
24 September, 2019

Valid until:
24 September, 2022

This is to certify that the management system of

Taiwan Semiconductor Manufacturing Company Ltd. (F3&3E)

o. 9, Creation Rd., 1 Hsinchu Science Park, Hsinchu 300-77, Taiwan.
and the sites as mentioned in the appendix 1 accompanying this certificate

has been found to conform to Energy management system standard:

ISO 50001:2018

This certificate is valid for the following Scope:

Manufacture of Silicon Wafers

Place and date:
Taipei, 24 September, 2019



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

A handwritten signature in black ink that reads 'Joseph Chu'.

Joseph Chu
Management Representative

Certificate No.: 00006-2019-AN-TWN-TAF
 Place and date: Taipei, 24 September, 2019

Appendix I to Certificate

Taiwan Semiconductor Manufacturing Company Ltd. (F3&3E)

Locations included in the certification are as follows:

| Site Name | Site Address | Site Scope / Main Activity |
|---|--|-------------------------------|
| Taiwan Semiconductor Manufacturing Company Ltd. (F3) | No. 9, Creation Rd., 1 Hsinchu Science Park, Hsinchu 300-77, Taiwan. | Manufacture of Silicon Wafers |
| Taiwan Semiconductor Manufacturing Company Ltd. (F3E) | No. 6, Creation Rd. 2, Hsinchu Science Park, Hsinchu 300-77, Taiwan. | Manufacture of Silicon Wafers |