Certification / Verification

Environmental Management System
Scope: All TSMC Fabs

Energy Management System
Scope: All TSMC Fabs (Advanced Backend Fab 6, Fab 11 excluded)

Greenhouse Gas Inventory
Scope: All TSMC Fabs

Occupational Safety & Health Management System
Scope: All TSMC Fabs

Taiwan Occupational Safety & Health Management System
Scope: All TSMC Fabs in Taiwan

Green Factory
Scope: TSMC Fab 12, Fab 14, Fab 15, total 14 factories

US LEED Green Building
Scope: TSMC Fab 12, Fab 14, Fab 15, Fab 18 factory and office, total 44 buildings

Taiwan EEWH Green Building
Scope: TSMC Fab 12, Fab 14, Fab 15, Fab 18, Advanced Backend Fab 2 factory and office, total 29 buildings

Taiwan Intelligent Building
Scope: TSMC Fab 12, Fab 14, Fab 15 office, total 6 buildings

Product Life Cycle Assessment
Scope: All TSMC Fabs (Advanced Backend Fab 6 excluded)

Alliance for Water Stewardship
Scope: TSMC Fab 6, Fab 14B, Fab 14P7, Fab 15A, Fab 15B, Fab 12A, Fab 12B, Fab 5, Advanced Backend Fab 3

Product Carbon Footprint
Scope: All TSMC Fabs (Advanced Backend Fab 6 excluded)

Product Water Footprint
Scope: All TSMC Fabs (Advanced Backend Fab 6 excluded)

Hazardous Substance Process Management System
Scope: All TSMC Fabs (Advanced Backend Fab 6 excluded)

ISO 9001 Quality Management System
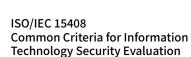Scope: TSMC Fab 16, Fab 18, Advanced Backend Fab 3, Fab 5 & Fab 6

IATF 16949 Automotive Quality Management System
Scope: All TSMC Fabs (Fab16, Fab 18, Advanced Backend Fab 3, Fab 5 & Fab 6 excluded)

ISO/IEC 27001: 2013 Information Security Management System
Scope: IP merge, mask data preparation, mask making, warehousing and associated supporting information and IT processing activities for 300mm wafer production (Tainan)

ISO/IEC 15408 Common Criteria for Information Technology Security Evaluation
Scope:
Fab 2/5 (Mask data preparation)
Fab 3 (IP merge)
Fab 12B (Wafer manufacturing)
Fab 14A (Mask and wafer manufacturing)
Fab 14B (Wafer manufacturing)
Fab 15A (Mask and wafer manufacturing)
Fab 15B (Wafer manufacturing)
Fab 18A (Mask and wafer manufacturing)
Fab 18B (Wafer manufacturing)
Advanced Backend Fab 2 (Bump and test service)
Advanced Backend Fab 5 (Test service)
Advanced Backend Fab 6 (Test service)

UL 2799 Zero Waste to Landfill
Scope: All TSMC Fabs in Taiwan