

ASM
QUALIFIED
LICENSED
SUPPLIER

THIS LETTER CERTIFIES THAT

Tosoh Quartz, Inc.
Portland, Oregon, USA



TOSOH QUARTZ, INC.

has met ASM's quality standards and has obtained a license from ASM to manufacture and sell Licensed Products for use in ASM equipment as follows:

Licensed Products

VF Quartz

ASM Equipment

VF A400, VF A412, and
VF A450mm prototype

This certification expires on December 31, 2025, contingent on Supplier continuing its obligations under ASM Qualified Licensed Supplier Program. Thank you for your continuous support.

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Dr. Han Westendorp
VP Corporate Marketing

January 1, 2016



THIS LETTER CERTIFIES THAT

Tosoh Quartz, Inc.
Stanley Co. Durham, UK



TOSOH QUARTZ, INC.

has met ASM's quality standards and has obtained a license from ASM to manufacture and sell Licensed Products for use in ASM equipment as follows:

Licensed Products
VF Quartz

ASM Equipment
VF A400, VF A412

This certification expires on December 31, 2025, contingent on Supplier continuing its obligations under ASM Qualified Licensed Supplier Program. Thank you for your continuous support.



Dr. Han Westendorp
VP Corporate Marketing

January 1, 2016

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THIS LETTER CERTIFIES THAT

Tosoh Quartz Co., Ltd.
Tainan, Taiwan



has met ASM's quality standards and has obtained a license from ASM to manufacture and sell Licensed Products for use in ASM equipment as follows:

Licensed Products
VF Quartz

ASM Equipment
VF A400, VF A412

This certification expires on December 31, 2025, contingent on Supplier continuing its obligations under ASM Qualified Licensed Supplier Program. Thank you for your continuous support.



Dr. Han Westendorp
VP Corporate Marketing

January 1, 2016