

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Heraeus Quartz North America LLC

100 Heraeus Boulevard

Buford, GA 30518

U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

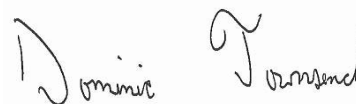
ISO 9001:2015

The Quality Management System is applicable to:

MANUFACTURE AND / OR SALE OF FINISHED AND SEMI-FINISHED HIGH PURITY SILICA GLASS PREFORMS, TUBES, RODS, AND CYLINDERS FOR THE TELECOMMUNICATIONS, SPECIALTY FIBER, SEMICONDUCTOR, OPTICS, AND LAMP INDUSTRIES.

This certificate may be found on the ABS QE Website (www.abs-qe.com). For certificates issued in the People's Republic of China information may also be verified on the CNCA website (www.cnca.gov.cn).

Certificate No: 30117
Certification Date: 18 December 2003
Effective Date: 07 March 2023
Expiration Date: 23 March 2026
Revision Date: 07 March 2023



Dominic Townsend, President



Validity of this certificate is based on the successful completion of the periodic surveillance audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 1701 City Plaza Drive, Spring, TX 77389, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.