

CERTIFICATE

TUV Rheinland of North America, Inc.
1300 Massachusetts Avenue, Boxborough, MA 01719



Hereby certifies that



Vacuum Engineering & Materials
390 Reed Street
Santa Clara, CA 95050

has established and maintains a quality management system for the

**Manufacturing, Warehousing, and Distribution of High Purity
Thin Film Deposition Material**

An audit was performed and documented in Report No. 3189.
Proof has been furnished that the requirements according to

ISO 9001:2008

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of
ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.

74 300 3189

Certificate Validity Date:
October 4, 2011

Certificate Expiration Date:
September 30, 2014




Certification of Management Systems