

CERTIFICATE

TUV Rheinland of North America, Inc.
295 Foster Street, Suite 100, Littleton, MA 01460



Hereby certifies that



Vacuum Engineering & Materials Co., Inc.

**390 Reed Street
Santa Clara, CA 95050
USA**

has established and maintains a quality management system for

**The Design, Manufacturing, and Distribution of High Purity
Thin Film Deposition Materials and PVD Services**

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

ISO 9001:2015

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of
ISO 9001:2015 requirements may be obtained by contacting TRNA.

Certificate Registration No.

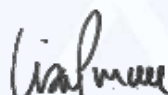
74 300 3189

Certificate Issue Date
October 13, 2020

Certificate Expiration Date
October 12, 2023

Reissue Date: 10/12/2020




Certification of Management Systems

CERTIFICATE

TUV Rheinland of North America, Inc.
295 Foster Street, Suite 100, Littleton, MA 01460



This appendix lists the sites certified under Certificate Number

74 300 3189, valid until **October 12, 2023**

for



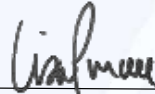
Vacuum Engineering & Materials Co., Inc.

CERTIFICATE NO. 74 300 3189/	SITE ADDRESS	ACTIVITIES RELATING TO:
/01	1275 Round Table Dr. Dallas, TX 75247 USA	Cleaning and Services of Shield Components

This appendix is only valid in conjunction with the referenced certificate.

Reissue Date: 10/13/2020




Certification of Management Systems