

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
41242-2008-AE-USA-ANAB

Initial certification date:
28 October 2008

Valid:
16 July 2018 - 27 October 2020

This is to certify that the management system of

Umicore Optical Materials USA, Inc.

2976 South 614 Road, Quapaw, OK, 74363, USA

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:

Manufacturing, Recycling, and Sales of Germanium (Ge) & Chalcogenide (GASIR®) Based Products built to Umicore and/or Customer Specifications, including Ge Tetrachloride, Ge Windows, and Infrared Optical Components (Lenses and Lens Assemblies). Along with manufacturing and/or sales of sputtering targets, evaporation materials and accessories.

Place and date:
Katy, TX, 16 July 2018



For the issuing office:
DNV GL – Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164,
USA

A handwritten signature in black ink, appearing to read 'Chandran Ilango'.

Chandran Ilango
Management Representative

