

CERTIFICATE

for the Energy Management System as per
DIN EN ISO 50001 : 2011

In accordance with TÜV NORD CERT procedures, it is hereby certified that

PPM Pure Metals GmbH
Am Bahnhof 1
38685 Langelsheim
Germany

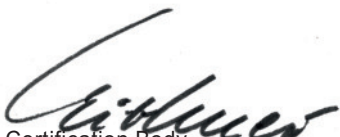


applies a management system in line with the above standard for the following scope

Development, production and sales of Germanium, Arsenic, Special Metals and Compounds

Certificate Registration No. 08 764 939045-002
Audit Report No. 3522 3935

Valid from 2018-11-13
Valid until 2021-08-20
(until 2021-11-12 in case of Upgrade to DIN EN ISO 50001:2018)
Initial certification 2012



Certification Body
at TÜV NORD CERT GmbH

Essen, 2018-11-05

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits. This certificate is valid in conjunction with the main certificate.

TÜV NORD CERT GmbH

Langemarckstraße 20

45141 Essen

www.tuev-nord-cert.com