



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that



MAPAL
Kompetenzzentrum
PKD-Werkzeuge

MAPAL WWS GmbH & Co. KG
Heilbronner Straße 25
75179 Pforzheim
Germany

has established and applies
an Energy Management System for

**design, development and manufacturing
of PCD-, PCBN- and CVD-Tools.**

An audit was performed, Report No. **70006848**.

Proof has been furnished that the requirements
according to

ISO 50001:2011

are fulfilled.

The certificate is valid in conjunction
with the main certificate from **2016-12-13** until **2018-10-25**.

Certificate Registration No.: **12 340 20796/05 TMS**.

Product Compliance Management
Munich, 2016-12-15



Deutsche
Akkreditierungsstelle
D-ZM-14143-01-02

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT