

Official translation of the original document

The
Hamburg University of Technology
(Technische Universität Hamburg-Harburg)

hereby awards

M. Sc. Oday Ibraheem Abdullah

born on August 20, 1978 in Baghdad, Iraq

the academic degree of

Doktor-Ingenieur

(Dr.-Ing.)

in recognition of his doctoral thesis entitled

Systematic Development of Friction Clutches

and his oral examination on May 12, 2015.

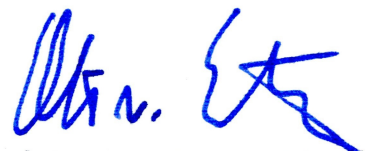
The overall grade is

very good.

Hamburg, June 22, 2015



Chairman of the
Doctoral Degree Committee


Prof. Dr.-Ing. O. von Estorff