CZECH TECHNICAL UNIVERSITY IN PRAGUE
Faculty of electrical engineering
Department of electrical power engineering
Technická 2, 166 27 Prague 6, Czech Republic

Master thesis supervisor's review

Master thesis: **Simulation of brushless direct current machine in ANSOFT Maxwell 3D software environment**

Author: **Prathamesh Mukund Dusane**

Thesis supervisor: **Ing. Karel Buhr, CSc.**

	Rating (1 – 5) (1 = best; 5 = worst):
1. Fulfillment of assignment requirements:	1
2. Self-reliance and initiative during the thesis solution:	1
3. Systematic solutions of individual tasks:	2
4. Ability to apply knowledge and to use literature:	1
5. Collaboration and consultations with the thesis supervisor:	2
6. Thesis formal and language level:	1
7. Thesis readability and structuring:	1
8. Thesis professional level:	1
9. Conclusions and their formulation:	1
10. Final mark evaluation (A, B, C, D, E, F):	1

verbal: A - excellent

Brief summary evaluation of the thesis (compulsory):

The main goal of the candidate thesis was to design the in-wheel BLDC drive for the electric tranction usage. The application of the free SW product disponible since this year to a CVUT students – ANSYS Maxwell 3D was the second main aim of the assignement author. The candidate satisfy fully both task and prove the ability to elaborate relatively complicated engineering work.

Date: 8.6.2016 Signature:

Notes:

1) The total thesis evaluation needn't be determined by the partial evaluations average.
2) The total evaluation (item 8) should be from the following scale:

excellent	very good	good	satisfactory	sufficient	insufficient
A	B	C	D	E	F