

I. IDENTIFICATION DATA

Thesis name:	Electric and Hybrid Vehicle Powertrain Comparison.
Author's name:	Parminder Singh Pannu
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Electric Drives and Traction
Thesis supervisor:	Assoc. prof. Pavel Mindl
Supervisor's department:	Electric Drives and Traction

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment <i>Evaluation of thesis difficulty of assignment.</i>	challenging
Please insert your commentary.	

Satisfaction of assignment <i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	fulfilled
Please insert your commentary. Sophisticated comparison of different types of automotive drives architectures.	

Activity and independence when creating final thesis <i>Assess that student had positive approach, time limits were met, conception was regularly consulted and was well prepared for consultations. Assess student's ability to work independently.</i>	A - excellent.
Please insert your commentary. Student visited regularly consultations. He actively cooperated with his supervisor.	

Technical level <i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	A - excellent.
Please insert your commentary. Author studied many literature sources. He used really relevant information related to problem.	

Formal and language level, scope of thesis <i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	A - excellent.
Please insert your commentary.	

Selection of sources, citation correctness <i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i>	B - very good.
Please insert your commentary. All literature sources are presented on the list.	

Additional commentary and evaluation <i>Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.</i>
Please insert your commentary (voluntary evaluation). Diploma thesis assignment has been fulfilled. After theoretical introduction and problem analysis author realized experiments on the hybrid drive laboratory setup. He obtained new results concerning of electric power splitter efficiency.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation.

I evaluate handed thesis with classification grade **A - excellent**.

Date: **29.8.2017**

Signature: Pavel Mindl