

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	<b>Design of Energy Independent Remote Monitoring System for Cargo Wagons</b>
<b>Author's name:</b>	<b>Bc. Jakub Ryšavý</b>
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Transportation Sciences (FTS)
<b>Department:</b>	Department of Transport Telematics
<b>Thesis supervisor:</b>	Ing. Milan Sliacky
<b>Supervisor's department:</b>	Department of Transport Telematics

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b> <i>Evaluation of thesis difficulty of assignment.</i>	<b>challenging</b>
Developing of the real system according to requirements could be challenge.	

<b>Satisfaction of assignment</b> <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>	<b>fulfilled with minor objections</b>
The proposed and implemented equipment worked but had relatively high energy demands.	

<b>Activity and independence when creating final thesis</b> <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>	<b>A - excellent.</b>
Student worked on his thesis independent with regular consultation with the supervisor.	

<b>Technical level</b> <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>	<b>A - excellent.</b>
Technical level of the thesis is high. Student used information from relevant sources and expert literature. In process of design and development of the test sample, the student used his considerable experiences in this field.	

<b>Formal and language level, scope of thesis</b> <i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	<b>A - excellent.</b>
Formal and language level are on high level.	

<b>Selection of sources, citation correctness</b> <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>A - excellent.</b>
The student searched for and used relevant resources for all parts of his work.	

<b>Additional commentary and evaluation</b> <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>	
The student designed and implemented a test sample that works and meets most of the requirements according to the assignment. Complete fulfillment of all requirements from the test sample was not expected. This may be the subject of further development.	

**III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION**

*The general level of diploma work is very good. In addition to the analytical and design part the student handled also the implementation part.*

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

Date: **15.6.2017**

Signature:

