

I. IDENTIFICATION DATA

Thesis name:	Analysis of historical interior by building performance simulation
Author's name:	Iriex Costa Prieto
Type of thesis :	Diploma
Faculty/Institute:	Faculty of Civil Engineering
Department:	Department of Indoor Environment and Building Services Engineering
Thesis supervisor:	prof. Ing. Karel Kabele, CSc.
Supervisor's department:	Department of Indoor Environment and Building Services Engineering

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	More difficult
<i>Evaluation of thesis difficulty of assignment.</i>	
The topic of the thesis focused on the quality of the indoor environment exceeds the standard frame of the student's study field.	

Satisfaction of assignment	Completed with minor comments
<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>	
The first part of the assignment, representing an assessment of the current situation by monitoring data, has been developed very carefully. The second part of calibration of the numerical model could be elaborated into more detail.	

Activity and independence when creating final thesis	B – very good
<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>	
Student was able to work on his thesis independently after consultation. The work was consulted during the semester according to the agreed deadlines.	

Technical level	B – very good
<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>	
Student was able to find useful information in available literature. The outputs of the thesis show relevant results.	

Formal and language level, scope of thesis	C- good
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
Topographic and linguistic aspects of the present work are at a sufficient level. Several typographic mistakes, mismatch in authors and titles in the list of references. Some of the cited literature are not listed correctly.	

Selection of sources, citation correctness	D- satisfactory
<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>	
The list of the references is very brief. There is lack of correct citation of references in certain parts of the text.	

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>
The student demonstrated the knowledge of working with MS Excel and created a simply dynamic model for data analyses. The results from the data analyses are useful for further work on the object being solved. In the course of his work, the

student had to travel to his place of residence for serious reasons. The final part of the thesis was consulted at a distance, which partly influenced the depth of its processing.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation.

The demanding topic required first to get acquainted with the theory that the student managed without much difficulty. He also demonstrated the ability of creative processing of the given task in the part of processing and evaluation of the measured data. At the end of the project, due to the above mentioned objective circumstances, it was not possible to elaborate in detail the design of technical solutions for improving the quality of the indoor environment and to carry out all planned simulations and their evaluation. However, that the task was accomplished, and I consider the work as a beneficial and recommend it to submit for a defense.

I evaluate handed thesis with classification grade **B**

Date: **11.7.2018**

Signature: Karel Kabele