

I. IDENTIFICATION DATA

Thesis title:	Noise Generated by Air Discharged from Small Openings
Author's name:	Hassan Ahmed Zakaria Hassan Amin
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Mechanical Engineering (FME)
Department:	Environmental Engineering
Thesis reviewer:	Ing. Miroslav Kučera, Ph.D.
Reviewer's department:	Environmental Engineering

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	ordinarily challenging
<i>How demanding was the assigned project?</i>	
The bachelor thesis was moderately difficult, but interdisciplinary. Student worked on an experimental device that is used for other measurements at the Department of Environmental Engineering.	

Fulfilment of assignment	fulfilled with minor objections
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The bachelor thesis specification was according to me fulfilled. I have reservations about the theoretical part, which in my taste is not so extensive. The student was to look in literature. The student measured and evaluated very interesting results, which are important for further research.	

Activity and independence when creating final thesis	D - satisfactory.
<i>Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.</i>	
The student was active only in some parts. He didn't used all his time on his work.	

Technical level	C - good.
<i>Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?</i>	
He is able to solve problems and to make relevant conclusions about obtained results, but in conclusion is no comparison measured dates with the literature.	

Formal level and language level, scope of thesis	C - good.
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
Language problems affect the final work very slightly. As I mentioned above, the student should have devoted himself to the quality of the first part of the work.	

Selection of sources, citation correctness	D - satisfactory.
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
As I mentioned above, the selection of sources are not adequate. The student's original work is clearly distinguished from earlier work in the field. The bibliographic citations meet the standards.	



III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

In general, student proved that he is able to implement the knowledge gained in s new skills by self-studying, but I imagined more activity of the student. In my opinion, the thesis fulfills the criteria for the Bachelor's degree at CTU in Prague.

The grade that I award for the thesis is **D - satisfactory**.

Date: **17.1.2020**

Signature: Ing. Miroslav Kučera, Ph.D.