

I. IDENTIFICATION DATA

Thesis name:	Apartment building in Prague
Author name:	Malathe Kamal Alkhateeb
Thesis type:	Bachelor Thesis
Faculty:	Faculty of Civil Engineering
Department:	Department of Building Structures
Thesis opponent:	Doc. Ing. Valdemar Kudrna, CSc.
Opponent's workplace:	External co-worker

II. EVALUATION OF INDIVIDUAL CRITERIA

Thesis assignment	More difficult.
<i>Final thesis objectives and assignment evaluation.</i>	
The assigned apartment house is situated in Prague. The building has a basement and 5 above-ground floors. The structural solution proposed by author correspond to the purpose and size of the building.	

Thesis assignment fulfilment	Fulfilled.
<i>Evaluate if submitted thesis meets the assignment requirements. Specify the points that have not been fully fulfilled or whether the work was extended compared to the assignment.</i>	
The bachelor thesis was specified in the building part, static solution, concrete structures, foundation and technical equipment of buildings. The extended part of the thesis deals with the fire safety solution. All the assigned parts were comprehensively elaborated within the assignment's scope.	

Suitability of used methods	Correct.
<i>Evaluate if student chose the right approach and methods.</i>	
The methods applied by the author to the assigned problems in the bachelor thesis are correct and appropriate, which I positively appreciate.	

Professional level	Excellent (A).
<i>Evaluate the level of expertise of the final thesis, the use of the knowledge gained from the study and the specialized literature, the use of the documents. Also assess the student's ability to perceive the problem solved in a broader context and apply the engineering approach to solving.</i>	
The author has worked out the bachelor thesis professionally, in good quality, with very good results in terms of structural solutions, text and graphics.	

Formal and language level, thesis clarity	Excellent (A).
<i>Evaluate the correct use of formal entries contained in the work. Assess the typography and language of the work and its overall comprehensibility</i>	
The bachelor thesis is formally elaborated in a clear way and from the point of view of overall arrangement very systematically.	

Sources selection, quotation correctness	Excellent (A).
<i>Assess student's activity in acquiring and using study materials to solve the final thesis. Review the selection of sources. Verify if violation of citation ethics has occurred and whether bibliographic quotes are complete and in accordance with citation practices.</i>	
The author used for his work both the recommended literature and knowledge acquired from a number of Czech and foreign publications, regulations and standards - see the literature list.	

Further comments and evaluation
I recommend the author for the Praise for exemplary elaboration of bachelor thesis.

III. OVERALL ASSESSMENT, DEFENSE QUESTIONS, CLASSIFICATION

Summarize the aspects of the final work that most affected your overall assessment. Please indicate any questions the student should answer in defence of the final thesis before the commission.

The bachelor thesis is done in an extremely conscientious manner. The author has applied his knowledge acquired by study in all parts of his work. I can state that the bachelor thesis has a high level of engineering, text and graphics. In some areas the bachelor thesis even exceeds the scope of the assignment. Overall, the bachelor thesis is very good.

Questions:

1. What technical information should be included in the co-ordination situation (site plan)?
2. How will you ensure the ventilation of the underground floor?
3. Which dimensions are important in the formwork drawing?

I assess the submitted thesis with the grade: A - Excellent

Date: 15.6.2018

Signature: