

THESIS SUPERVISOR FORM



1. Identification of the student:

Student:	Luisa Natalia Peña Leal
Thesis:	Flexural tests on consolidation effects on stone
1 st Institution:	UPC Barcelona
2 nd Institution:	Czech Technical University in Prague, Czech Republic
Academic year:	2016/2017

2. Identification of the supervisor:

Name:	Miloš Drdáký
Institution:	Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences
Position:	Senior Research Fellow

3. General comments

Mrs. Luisa Natalia Peña Leal started to develop our contacts long before her arrival to the Czech Republic with some questions. From the very beginning after her coming to the CTU she has been very much involved in the work on her subject and worked really hard on the preparation of the tests. In this phase she closely cooperated also with our research assistant Ms. Petra Hauková. She became familiar with all necessary technologies, namely the stone consolidation, biaxial bending tests and ultrasonic measurements. She had a very good previous experience with classical building materials testing. She successfully completed the planned tests with appropriate documentation and recording. She finalized her thesis with the evaluation of the acquired test data using literature research on biaxial testing and, compared them to a theoretical simplified FEM model. She discussed the results in a correct and intelligent way and suggested ideas for further research.

Mrs. Luisa Natalia Peña Leal proved to be a reliable and hard working professional who is capable to complete specific tasks related to the testing and analysis of historic structures and materials. She is with no doubts ready to represent her graduation university and the country in her professional carrier on a very good level. Therefore, I recommend her admission to the state exam and to process the defending act of her thesis.

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4. Grade: A - B

Use the following scale

A (excellent)	B (very good)	C (good)	D (satisfactory)	E (sufficient)	F (fail)
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Prague ITAM CAS

July 20, 2017

The Supervisor,

Miloš Drdáký