1. Identification of the student

Student: Constantin Gourd
Thesis: Static Stress Analysis of the Janov Dam - Historic Masonry Gravity Dam
1st Institution: Universidade do Minho
2nd Institution: Czech Technical University in Prague
Academic year: 2022/2023

2. Identification of the reviewer

Name: Ing. Jan Svejkovský
Institution: Povodí Ohře, státní podnik/Ohře river basin, state enterprise
Position: head of the communication and security department

3. Fulfillment of thesis goals

excellent ☐ above aver. ✓ average ☐ below aver. ☐ weak ☐

Comments:
The diploma thesis would need to be completed, especially in the part of modeling in full 3D.

4. Academic/scientific/technical quality

excellent ☐ above aver. ✓ average ☐ below aver. ☐ weak ☐

Comments:
In the diploma thesis, the difference of individual types of models are obvious, as well as the difference in the results of solutions with IN-SITU measurement of deformations. Comments on deviations need to be better documented. A very simplified distribution of temperatures in the structure of the dam and its foundation was used in the case of thermal loading of the structure.
5. Formal arrangement of the thesis and level of language

excellent ☐ above aver. ✓ average ☐ below aver. ☐ weak ☐

Comments:
The diploma thesis was not prepared by a native speaker, but the level of language is at a very good level. Graphic processing is also at a very good level.

6. Further comments

A longer period of time would benefit the higher quality of the diploma thesis. The overall evaluation of the diploma thesis is at a very good level.

7. Grade: B

Use the following scale

| A (excellent) | B (very good) | C (good) | D (satisfactory) | E (sufficient) | F (fail) |

Chomutov
July 20, 2023

The Reviewer,

[Signature]

(Ing. Jan Svejkovský)

Erasmus Mundus Programme
ADVANCED MASTERS IN STRUCTURAL ANALYSIS OF MONUMENTS AND HISTORICAL CONSTRUCTIONS