
REVIEW OF BACHELOR'S THESIS

Title of thesis: Post-combustion carbon capture for fossil fuel power plants
Student: Raul Pinto da Costa
Expert reviewer: Ing. Ladislav veselý

Assessment criterion	Grades
1. The fulfillment of thesis assignment and objectives	B-very good
2. Professional level and depth of adaption in relation to the topic of thesis	C-good
3. The methodology – the suitability of the selected method, the proper application and results	B-very good
4. The readability and logical structure of thesis	B-very good
5. Literature	B-very good
6. Level of adoption of technical terminology, grammatical correctness	C-good
7. Graphic design and formal presentation	B-very good

Summary assessment:

The bachelor thesis deals with Post-combustion carbon capture for fossil fuel power plants. In first part of thesis are described ccs systems and basic technologie of separation of CO₂. In the another part thesis are described effects ccs systems integration into fossil power plant. economic impact of ccs systems and assessment of the applicability are described. The student showed good job with text and technical literature.

The thesis fulfilled the aims of bachelor thesis. The processing of bachelor thesis is very good. The thesis is transparent, consistent and enriched with felicitous graphs and figures. There are not any significant objections.

Questions:

1. What types of absorption processes are used for ccs systems ?
2. Do you know some exist pcc projects outside Europe, if yes which and where?

I recommend that the thesis should pass with the grade B-very good

In PRAGUE date... 20.6.2015

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Reviewer's signature