

DIPLOMA THESIS EVALUATION

Student's name and surname: Abhishek Vittalapura Rajanna

Name of the diploma thesis: Design of Inverter and its Encapsulation

Supervisor of the thesis: Ing. Radek Votrubec, Ph.D.

1. Diploma thesis evaluation

| Evaluation | excellent | excellent minus | very good | very good minus | good | failed |
|--|-----------|-----------------|-----------|-----------------|------|--------|
| Meeting the goal and fulfilling task of the thesis | | X | | | | |
| Quality of conducted survey | | | X | | | |
| Methodology of solutions | | | X | | | |
| Expert level of the thesis | | X | | | | |
| Merit of the thesis and its potential applicability of results | X | | | | | |
| Formal and graphic level of the thesis | | | X | | | |
| Student's personal approach | | | X | | | |

Mark x in the corresponding box.

Supervisor's final evaluation is based on his/her overall subjective evaluation.

Grading is stated literally in the article no. 5, neither by a number, nor by a letter.

2. Comments and remarks on diploma thesis:

The student followed up the research at the firm where he was employed. His task was to design the covering and cooling of inverter from excavator. His work was hard because he had a limited access to all the data. His boss has given him only necessary parameters of the inverter. He could not test the inverter practically. His task was a part of bigger project. The student designed the covers and several cooling methods with the expected heat conditions. All objectives stated in the assignment were fulfilled.

It is necessary to say that the student worked diligently and systematically and he met all the requirements and independently worked out a functional solution. He was able to finish his work despite the problematic situation. He finished his work a long time before the deadline.

3. Questions about diploma thesis:

This assignment was from your former employer. What stage is the project at? Did they use your solution?

4. Supervisor's statement on results of the inspection carried out by the anti-plagiarism program in the STAG system:

The inspection carried out by the anti-plagiarism program in the STAG system ended in a negative result.

5. Supervisor´s grading of the diploma thesis: VERY GOOD

Date: 21.6.2021, in Liberec

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Supervisor's signature

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