



## Master thesis opponent's review

**Master thesis:** Adhesive Joints Formed of Electrically Conductive Adhesives

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**Thesis supervisor:** Doc. Ing. Pavel Mach, CSc.

**Thesis opponent:** Ing. František Vybíralík, CSc.

Rating (1 – 5)  
(1 = best; 5 = worst):

1. Fulfillment of assignment requirements:	<input type="text" value="1"/>
2. Systematic solutions of individual tasks:	<input type="text" value="1"/>
3. Ability to apply knowledge and to use literature:	<input type="text" value="1"/>
4. Thesis formal and language level:	<input type="text" value="2"/>
5. Thesis readability and structuring:	<input type="text" value="1"/>
6. Thesis professional level:	<input type="text" value="1"/>
7. Conclusions and their formulation:	<input type="text" value="1"/>
<b>8. Final mark evaluation (A, B, C, D, E, F):</b>	<input type="text" value="A"/>

**verbal:  
excellent**

### **Brief summary evaluation of the thesis** (compulsory):

The work is dedicated to application of quality control methods for the evaluation of electrically conductive adhesives tests. Author pays attention to the influence of climatic factors on the aging of the joints. Two methods are using for comparison (FFE – full factorial experiments and TOA – Taguchi orthogonal arrays). The methods are evaluated with respect to their usability in electro technology. Author compares resistance of the joints before and after thermal socks.

I appreciate the thesis conclusion. It is very comprehensive and gives results of experiments. The results are elaborately discussed.

### **Questions:**

1. How will test results be reflected in the reliability of the joints under extraordinary climatic conditions?

Date: 17. 1. 2019

Signature:



**Notes:**

- 1) The total thesis evaluation needn't be determined by the partial evaluations average.
- 2) The total evaluation (item 8) should be from the following scale:

excellent	very good	good	satisfactory	sufficient	insufficient
A	B	C	D	E	F