

REVIEWER'S REPORT ON THE MASTER'S THESIS

Master's thesis title **Strategies for laser welding of zinc coated steel sheets with zero-gap in overlap configuration**

Author **Bc. Václav Kříž**

Reviewer **Nicolai Speker (TRUMPF)**

Evaluation criteria and their classification

Fulfilment of the thesis requirements and goals **A (excellent)**

The goals and requirements are completely fulfilled. In addition Mr. Václav Kříž found out a new strategy in process development of laser welding, which was not required.

Methodology and its application **B (very good)**

Application of knowledge gained by self-study and from professional literature **A (excellent)**

The new approach of Mr. Václav Kříž was extracted from scientific literature and transferred in industrial application in a high level of quality.

Usage of groundwork and data from practice **B (very good)**

Professional level and contribution of the thesis **A (excellent)**

Formal aspects of the thesis **B (very good)**

The thesis is well written. Some aspects could have been written in shorter sentences.

Further comments to the thesis:

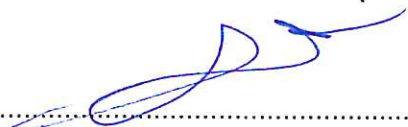
The thesis Mr. Václav Kříž is excellent. The results show high knowledge of scientific work and how to transfer it to industrial application. He was diligent, conscientious and improved the laser welding of zinc coated steel significantly.

I recommend the master's thesis for the defence.

Summary classification of the thesis A (excellent)

Nicolai Speker, TRUMPF Laser- und
Systemtechnik GmbH

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reviewer's name


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reviewer's signature