Written evaluation:

Student Zahra Derikvand has submitted a bachelor’s thesis on Design of a Drive for a Belt Conveyor System. As for the research, the student provides a brief survey of different types of the conveyor systems while describing their most important parts and the principle of their functioning. The student includes not only the recommended bibliography, but she also actively employs information from further academic sources.

In the design part, the student performs a complex and precise design calculation of the belt conveyor system for the specified transport parameters. Furthermore, she develops a propulsion system for the designed belt conveyor system. Here, the student proves her good-quality theoretical training and its application within the fields of strength of materials; mechanics; machine elements and mechanisms; and technology. The production planning documentation is presented in the form of a parametric 3D model and 2D drawings.

Thesis defence recommendation: YES
Proposed final thesis grade: A

Prague 13 August 2015

Martin JANDA
Bachelor’s thesis supervisor