

Czech Technical University in Prague, Faculty of Mechanical
Engineering
Department of Designing and Machine Components

BACHELOR'S THESIS GRADING BY THE SUPERVISOR

Thesis title : Design of a Drive for a Belt Conveyor System

Author : Zahra DERIKVAND

BT grading criteria	A	B	C	D	E	F
Achievement of requirements and objectives	X					
Achievement of academic standards	X					
Practical applicability	X					
Application of acquired knowledge	X					
Problem-solving initiative		X				
Thesis organization		X				
Degree of independence		X				
Structure and editing		X				

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