



## **SUPERVISOR EVALUATION**

Diploma thesis

Thesis title:                   **MODEL OF THE PLATE HEAT EXCHANGER**  
Author:                         **Bc. Mehmet Ayas**  
Supervisor:                   **Skočilas Jan, Ing., Ph.D.**  
Reviewer:                     **Ing. Karel Petera, Ph.D.**

Author elaborated diploma thesis within range of 65 pages and 3 appendices, containing 33 figures, 21 tables. 13 literature sources were used for literature search.

The thesis deals with analysis of the heat transfer process in the chevron plate heat exchanger and with development of the suitable model of equipment.

The student's approach was active and consistent. He worked independently in the several part of the thesis. The most time consuming part were identification of the real heat exchanger geometry and CFD modelling accompanied by time constrains due to hardware problems.

The benefit of this work is first approach to identifying the geometry of the real PHE and developed model describing PHE.

Author acquired new theoretical and practical experiences in CFD and knowledge in the field of PHE.

Mehmet fulfilled all aims of the submission. I evaluated him by grade

**B (very good)**

In Prague, 14. 8. 2015

Ing. Jan Skočilas, Ph.D.