

Master's Thesis Assessment Supervisor's Report

Student's name: *Shavkat Alimov*

MT Supervisor: *Ing. Denisa Hrušecká, Ph.D.*

Acad. year: *2015/2016*

MT topic: *Project of Production Process Improvement in Company "SAAS TEKS INVEST" Ltd*

In criterion 1, assess the thesis topic difficulty.

Assess criteria 2 - 6 as follows:

5 points – excellent – outstanding performance

4 points – very good – high-quality performance

3 points – good – fulfilled without reserve

2 points – satisfactory – with significant but not crucial insufficiencies

1 point – sufficient – meeting basic requirements only

0 points – unsatisfactory

ASSESSMENT CRITERIA	Points
1. Thesis Topic Difficulty:	4
a) the analysed issue is complex	částečně
b) data acquisition is demanding	ano
c) data processing is demanding	ano
2. Meeting the Thesis Objectives:	4
a) the thesis objectives are clearly defined	částečně
b) the methods of thesis processing are clearly defined	ano
c) the presented thesis objectives correspond to the thesis topic	ano
d) the applied methods and procedures are suitable to meet the thesis objectives	ano
3. Theoretical Background:	3
a) the theoretical background includes a critical literature review	částečně
b) the theoretical background is based on appropriately selected domestic and foreign literature sources (considering the relevance, topicality and type of publications)	ano
c) literature sources are quoted properly	ano
4. Practical Application – Analysis:	4
a) the practical application contains theoretical knowledge	ano
b) the chosen methods were applied accurately	ano
c) the application of methods is described sufficiently	ano
d) the thesis contains an overall assessment of the status quo	ano
e) conclusions of analyses are well-founded	ano

5. Practical Application – Project:	3
a) the project part of the thesis extends the theoretical knowledge	ano
b) the project part of the thesis is a follow-up to the analysis results	ano
c) the thesis provides conclusions and possible applications of recommendations	ano
d) suggestions are supported by fully adequate arguments	částečně
e) the thesis includes the impacts of the recommendations	částečně
f) the thesis meets the set objectives	ano
6. Formal Layout:	3
a) the text is logically sequenced	ano
b) the thesis provides appropriate terminology	částečně
c) literature sources are quoted in compliance with a required standard	ano
d) the language level meets the requirements of Master's thesis	ano
e) the graphic layout meets the requirements of Master's thesis	částečně
TOTAL POINTS	21

Overall thesis assessment and questions for the defence:
(Both the Master's thesis supervisor and reviewer present their questions.)

The aim of this master thesis is to analyze and improve production process of Company SAAS TEKS INVEST, Ltd. Despite the fact that the company has not used any lean methods before, the thesis topic was quite difficult from the point of view of data acquisition and processing. Student spent several weeks in the company and obtained data personally. He was very responsible and hard-working during his stay and project processing.

Analytical part includes some basic process analysis focused on identifying basic problems and constraints. After that, student analyzed problems more in detail. He used Pareto chart analysis for quality control checking, time snapshot analysis for identifying wastes and he also calculated production loss due to machine stoppage at the end.

In the project part, student proposed a lot of improvements divided into several steps. Some of them are described in detail, some of them could have been processed in form of some standards. However, all proposed improvements are useful and their impact to production process productivity is evident.

Formal layout is quite good, just with some small shortcomings, for example: two-line captions are not centered into block, using different styles of tables etc. However, from page no. 80, there is no headline with the name of faculty, university and number of page.

Questions for the defence:

- 1. How did employees of the company react on your snapshot analysis? Did they cooperate with you without any problems?*
- 2. Which of your proposed solutions were/will be implemented and which of them is the most beneficial for the company (according to your opinion)?*

The contents of Master's thesis handed over are identical with the electronic version entered in the IS/STAG. Based on the results, it was found that the thesis is free of plagiarism.

The thesis meets the criteria for the defence of the MT¹.

In Zlín on: *26th of April 2016*

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Signature of Master's thesis supervisor

¹ *The thesis does not meet the criteria for the defence of the MT if at least one criterion is assessed by 0 points.*