

Master's Thesis Assessment Supervisor's Report

Student's name: *Christopher James Jacob Can*
Acad. year: *2015/2016*

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

MT topic: *Improving Selected Logistic Processes in Brose CZ spol. s r.o.*

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:	3
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	částečně
3. Theoretical Background:	1
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)	částečně
c) literature sources are quoted properly	ne
4. Practical Application – Analysis:	3
a) the practical application contains theoretical knowledge	částečně
b) the chosen methods were applied accurately	ano
c) the application of methods is described sufficiently	částečně
d) the thesis contains an overall assessment of the status quo	ano

e) conclusions of analyses are well-founded	ano
5. Practical Application – Project:	2
a) the project part of the thesis extends the theoretical knowledge	částečně
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	částečně
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:	1
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	částečně
e) the graphic layout meets the requirements of Master's thesis	částečně
TOTAL POINTS	14

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 selected logistic processes in Brose CZ spol. s r. o. The thesis topic was quite difficult from the point of view of data acquisition and 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 flow charts, spaghetti diagrams, SWOT analysis etc. and highlighted identified wastes.

In the project part, student proposed some improvements in form of visualization, path optimization, process changes and new investment into strapping machine. I miss some final evaluation in form of return of investment or other type of economic evaluation of all proposed improvements.

Theoretical part is very weak. It is based on a low number of references and some of them are not quoted in the text. It is too short, not critical, just describing very basic theoretical issues and some of them are not relevant to the topic (for example Six Sigma and DMAIC methodology which was not used in practical part).

Formal layout is also quite weak. There are many inaccuracies, for example: different style (font) in Czech and English abstract and also in other parts of the thesis (for example page 52), low quality of figures (especially in theoretical part), some captions are missing (for example table on page no.21 or 31), some tables are divided into two pages, etc.

Questions for the defence:

1. How many observations did you do in the company and which methods did you use for time analysis?
2. You described 5S method in your theoretical part. In which areas did you propose its implementation in the company?

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: 2nd of May 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.*