

## Master's Thesis Assessment Reviewer's Report

Student's name: *Christopher James Jacob Can*

MT: Reviewer: *Ing. Jan Filla*

Acad. year: *2015/2016*

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
<b>1. Thesis Topic Difficulty:</b>	<b>4</b>
a) the analysed issue is complex	Yes
b) data acquisition is demanding	Yes
c) data processing is demanding	Yes
<b>2. Meeting the Thesis Objectives:</b>	<b>4</b>
a) the thesis objectives are clearly defined	Yes
b) the methods of thesis processing are clearly defined	Yes
c) the presented thesis objectives correspond to the thesis topic	Yes
d) the applied methods and procedures are suitable to meet the thesis objectives	Yes
<b>3. Theoretical Background:</b>	<b>1</b>
a) the theoretical background includes a critical literature review	Partially
b) the theoretical background is based on appropriately selected domestic and foreign literature sources (considering the relevance, topicality and type of publications)	No
c) literature sources are quoted properly	No
<b>4. Practical Application – Analysis:</b>	<b>3</b>
a) the practical application contains theoretical knowledge	Partially
b) the chosen methods were applied accurately	Partially
c) the application of methods is described sufficiently	Yes
d) the thesis contains an overall assessment of the status quo	Yes
e) conclusions of analyses are well-founded	Yes

<b>5. Practical Application – Project:</b>	<b>3</b>
a) the project part of the thesis extends the theoretical knowledge	Partially
b) the project part of the thesis is a follow-up to the analysis results	Yes
c) the thesis provides conclusions and possible applications of recommendations	Partially
d) suggestions are supported by fully adequate arguments	Partially
e) the thesis includes the impacts of the recommendations	Partially
f) the thesis meets the set objectives	Yes
<b>6. Formal Layout:</b>	<b>2</b>
a) the text is logically sequenced	Yes
b) the thesis provides appropriate terminology	Partially
c) literature sources are quoted in compliance with a required standard	No
d) the language level meets the requirements of Master’s thesis	Partially
e) the graphic layout meets the requirements of Master’s thesis	Partially
<b>TOTAL POINTS</b>	<b>17</b>

Overall thesis assessment and questions for the defence:

The master thesis is divided into two parts – Theory and Analysis. The theory, i.e. theoretical part, has 14 pages. Logistics as a discipline is described only on 2 pages which is not sufficient. Then measure of work and process improvement techniques are described. Theoretical part is brief and there are serious formal mistakes. Only six authors from bibliography are cited in the theoretical part of the thesis. On the contrary, there are authors cited in the theoretical part, i.e. Harmon, Strupe, Morgan & Brenig-Jones, and they are not listed in Bibliography.

The analytical part contains basic information about *Brose CZ spol. s.r.o* and it describes current state at production floor. The thesis focuses mainly on workflow in final production area – delivery times of individual types of goods are identified, Strapping machine area is described and transport movements of forklifts are illustrated by set of spaghetti diagrams. Then the analysis is evaluated and wastes noticed during undertaking the analysis are highlighted. Subsequently set of corrective measures is proposed. I miss some sort of description of the application of individual corrective measures, e.g. description of *Path optimization process*. I am sure that the author’s project was very useful for the enterprise, but I would like to see summary or presentation of the financial or other benefits.

Questions for the defence:

1. Describe Path optimization process?
2. How the timetables/schedules for individual trains were set?
3. There are many sources in the bibliography, which haven’t been cited in the theoretical or practical part. There are also sources which are cited in the text, but they are not mentioned in the bibliography. Explain the way of working with sources?

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 MT<sup>1</sup>.

In Zlín on: 29.4.2016

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Signature of Master’s thesis reviewer

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