

DIPLOMA THESIS EVALUATION

Student's name and surname: **Prabhu Nattamai Balakrishnan**

Name of the diploma thesis: **Production Line for the armrest in the company BOS Klášterec nad Ohří**

Supervisor of the thesis: **Ing. František Koblasa, Ph.D.**

1. Diploma thesis evaluation

Evaluation	excellent	excellent minus	very good	very good minus	good	failed
Meeting the goal and fulfilling task of the thesis			X			
Quality of conducted survey			X			
Methodology of solutions			X			
Expert level of the thesis				X		
Merit of the thesis and its potential applicability of results				X		
Formal and graphic level of the thesis			X			
Student's personal approach			X			

Mark x in the corresponding box.

Supervisor's final evaluation is based on his/her overall subjective evaluation.

Grading is stated literally in the article no. 5, neither by a number, nor by a letter.

2. Comments and remarks on diploma thesis:

Presented thesis has goal to design new universal line for the armrest of 3 types of cars. Thesis is following regular structure of theoretical part, where methods used in the practical part are presented. Practical part is describing in detail current state including moment analysis and work operations. Student is than trying to define two new manufacturing layouts. Base on multi-criteria analysis is that selecting better variant for which is validating if customer tact time is met.

Additional remarks are:

- Process analysis in practical part is following different standard that the one defined in theoretical part, so is not explained clearly.
- Some figures are unreadable or not clear (Fig. 16, Fig 41)
- There are few mistyping (Fig 4126)
- Some figures include Czech words from original file (Fig. 42 and 43).
- Multi-criteria analysis is not based on real values (e.g. Area, Movement, Productivity, number of operators)

3. Questions about diploma thesis:

- What does One piece flow and Black Table criteria in Table 2 means?
- How did you set score of each variant in the case of Productivity, material movement, storage access and Line supply?
- How many workers are necessary to meet customer tact time in variant 1?


4. Supervisor's statement on results of the inspection carried out by the anti-plagiarism program in the STAG system:

According the control in information system STAG, this thesis work is original – without plagiarism.

5. Supervisor's grading of the diploma thesis:

Very good

Date: 13.5 2019, in Liberec


.....
Supervisor's signature

