

Report on Building Construction Technical Training

The report should be 4 A4-size pages in Times New Roman 12 font, 1.5 lines.

The following points must be included in the report:

Part I

Please collect the following information in about 1.5 pages.

1. Introduction of the host company/institution

- 1.1. Introduce the host company/institution. (How long has it been operating? What type of business is it (micro-enterprise, medium-sized enterprise, large enterprise)? Who founded it, and for what purpose? Etc.)
- 1.2. Describe the structure of the host company/institution with the help of an organisational chart, highlighting the positions of responsibility.
- 1.3. Find out and report on the entitlements required for each responsible position.

2. Brief introduction to the construction industry segment

- 2.1. Briefly describe the construction industry segment of the company's activities. (10 sentences)
- 2.2. Describe the company's market strategy. (Typically, how does the company obtain work? What marketing activities (viz advertising, website) does it carry out?

3. Description of the work performed

- 3.1. List the tasks you performed during your traineeship.
- 3.2. Which areas of knowledge acquired during your university studies helped you complete the tasks you performed?

4. Professional experiences

- 4.1. What areas of work did you have access to?
- 4.2. What professional knowledge have you acquired?
- 4.3. Describe, in one or two sentences, two areas of work that you found most interesting or valuable to learn about.

Part II

In about 2.5 pages, develop one of the following topics related to the place of the traineeship and the work done there. Illustrate your report with appropriate additional pictures and drawings.

- A. What was the use and equipment of the work area? How could workplace logistics have been made more efficient?
- B. How was the construction schedule and timetable followed? What time optimisation opportunities did you identify during construction?
- C. What connections do you recognise between spatial and temporal organisation? At what points can their cost implications be recognised?
- D. What specific technology did you learn about? Why is the process you have learned special? What particular node connections/fittings had to be solved during the implementation? What engineering professional decisions had to be made while applying the technology?
- E. How was the investment organised? How could it have been made more efficient? What specific participants appeared in the project, and what were their particular tasks? Which participants have documents and financial resources been managed? Who made the important decisions for the project?
- F. Analyse the project budget. How does the budget of this project compare with one of the other projects? Were the resources managed efficiently?
- G. Analyse the changes in the architectural program during the project from the starting point to the end of the traineeship. At what pace did it develop? At what stage was it last changed? What was the reason for the changes? Who initiated those? Who made the necessary decisions?
- H. What construction defects did you recognise? What were the reasons for the faults? How should the structures have been built correctly? What are the possible solutions to eliminate the defects?

Suppose you have participated in a **university-organised construction or surveying camp** for one week. In that case, you **do not need to write a separate report**, but the content and length of the report for the remaining three weeks of the traineeship, as described above, remain the same.

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