

SAMPLE (Transferable questionnaire)

ALUMNI SURVEY

(Construction engineering education of the program quality assessment)

Dear graduate !

This questionnaire is conducted for the purpose of assessing the quality of our educational program in accordance with international standards, as well as its improvement and adaptation to the requirements of the labor market. Your honest and impartial answers are very important.

I. Personal your information

- **Graduated your year :** _____
- **Current work place (company name) and your position :**

- **Your specialty according to are you working ?** [☐] Yes / [☐] No

II. Education quality assessment

*(Please , for each item own Rate your opinion with 5 stars . in the system mark :
1 – absolutely not satisfied , 5 – very I am pleased .)*

No.	Evaluation criteria	1	2	3	4	5
1	At the institute I received sufficient theoretical knowledge that is useful in my current workplace in the field of construction.					
2	Professional software (AutoCAD, Revit, Archicad, BIM and etc.) education according to professional skills.					
3	Laboratory and practical training base and its modernity (construction materials testing, concrete, soil, structures).					
4	Occupational health and safety (OHS) knowledge and the rules mastery level on construction sites.					
5	Ability to analyze problematic technical situations independently and find effective solutions in construction practice.					
6	“Green” construction, energy efficiency and sustainable development according to given knowledge.					
7	Team work, project management and communication skills (Soft skills) in construction projects.					

III. Professional activities and recommendations

8. How difficult was it to find a job related to your specialization after graduation?

- ☐ Very easy (within 1 month)
- ☐ Satisfactory (within 3–6 months)
- ☐ Difficult (more than 6 months)

9. Based on your work experience, what subjects or practical training should be added or improved in the construction engineering program?

(For example: modern construction methods, concrete and building materials technology, reinforced concrete structures, BIM technologies, site management, quality control and materials testing, occupational safety, etc.)

10. If you could choose your university program again, would you choose the same field of study?

- ☐ Yes, of course.
- ☐ Maybe, but another program at the university.
- ☐ No, I would choose a different field.

Date: " __ " _____ 202__ y.

Your participation for thank you !

This questionnaire may be completed using Google Forms or offline in written form. The results will be used to assess and improve the educational program.

ANALYTICAL REPORT ON THE RESULTS OF THE SURVEY CONDUCTED AMONG GRADUATES OF THE CONSTRUCTION MATERIALS AND PRODUCTS EDUCATIONAL PROGRAM

1. General information

- **Survey format:** Offline (written questionnaire).
- **Number of participants:** 50 graduates from the last three years (sample data).
- **Date:** January 2026.

2. Statistical analysis

The questionnaire results were evaluated on a five-point scale. The illustrative overall average score was **4.5 points**.

Indicators	Average score (1–5)
Theoretical knowledge applied in practical work	4.6
Knowledge of concrete, cement and building materials technology	4.5
Laboratory equipment and materials-testing facilities	4.8
Knowledge of construction standards and quality-control procedures	4.4
Ability to analyze material properties and solve technical problems	4.3
Knowledge of energy-efficient and sustainable building materials	4.8
Teamwork and project management (soft skills)	4.5
General satisfaction level	4.5

Summary of questionnaire results

Stage	Content
PROBLEM IDENTIFICATION	The sample questionnaire indicates that some graduates need more practical experience in testing concrete and building materials, operating laboratory equipment, applying construction standards, and evaluating the physical and mechanical properties of materials.

ANALYSIS (Discussion)	This issue was discussed at the department's meeting on February 5, 2026. The analysis showed that graduates have sufficient theoretical knowledge, but more practical training is needed in the field of concrete and building materials testing, use of modern technologies and laboratory equipment, and application of construction standards. It was also found that the number of practical training hours is not enough.
SOLUTION (Action)	1. Increase practical training hours in the field of construction materials and products, including laboratory testing of concrete, cement, aggregates and other materials, within the framework of cooperation with partner enterprises. 2. Organize additional training courses on modern construction technologies (BIM, new types of building materials, quality control, etc.) together with industrial enterprises and research centers based on signed memorandums.

- Graduates **87%** found a job in their specialty within the first 3 months after graduation.
- **13%** of graduates continued their studies in a doctoral program or are involved in research and project activities in the field.