



WORLD CONSTRUCTION CHAMPIONSHIP

Qualification criteria for applicants in the individual nomination "Construction Control"

APPLICANTS

Currently employed specialists; students; and independent applicants.

COUNTRIES

Russia,
Kazakhstan,
Kyrgyzstan,
Uzbekistan,
Tajikistan,
Belarus,
Armenia,
Azerbaijan,
Moldova,
Turkmenistan.

QUALIFICATION CRITERIA REQUIREMENTS

Specialist who performs construction supervision in the construction of industrial sites, and who performs control and supervisory functions in the field of industrial construction.

EDUCATION AND WORK EXPERIENCE REQUIREMENTS

For currently employed specialists:

Specialists with a related higher (higher vocational) education in industrial and civil engineering, or with a higher education in other areas of training and specialisation, who has completed professional retraining programmes in the field of industrial and civil engineering. At least one year of work experience.

For students:

A 3rd to 6th year student studying for a degree in industrial and civil engineering. Work experience: Completion of work placements (see below).

JOB RESPONSIBILITY REQUIREMENTS

For currently employed specialists:

Organising and carrying out construction supervision in the construction of industrial sites.

For students:

Work placements with construction companies, working with engineers and technicians directly on site or as part of the production and technical department.

Proof of experience in the construction industry is preferred. This could be a copy of the applicant's employment history (Russian document 'trudovaya knizhka') or any other similar certified documents.

KNOWLEDGE REQUIREMENTS

- Regulations, compliance and technical guidance documents regulating urban planning and development activities;
- Regulations in the area of technical and fire safety;
- Composition and content of, and requirements for, documentation for the construction (reconstruction, repair, operation) of urban planning projects;
- Planning methods for construction, reconstruction, and dismantling;
- Construction technology;
- Range and properties of materials used in building structures;
- Engineering graphics and construction drawing;
- Guidance documents for the development and design of technical documentation in the field of urban planning;
- Principles of safety culture;
- Health and safety requirements; and
- National and international quality standards.

SKILLS REQUIREMENTS

Analyse technical documentation;

- Read construction drawings;
- Analyse the suitability of construction materials, semi-finished products, and components for construction, reconstruction, and dismantling work;
- Analyse the quality and scope of work done;
- Prepare Concealed Works Inspection Certificates and Critical Structures Inspection Certificates;
- Use regulatory and reference materials and instructions (including the ability to work in the reference systems "Consultant Plus", "Techexpert", "Lawyer", "ADVISER", Legal Information Portal "TOKTOM", "Arlis" or their equivalents used in the applicant's country);
- Work with a computer using specialised software (AutoCAD, MS Office software);
- Process information in accordance with current regulations; and
- Determine the construction project's needs for materials, equipment, and labour.