

**STATEMENT OF COMPETENCES**

**APPLICATION FOR PERSONAL CERTIFICATION FOR STRUCTURE CLASS 2**

**Statement of certification for structure class 2**

The statement of competences has been prepared as an aid and a tool for completing the application to become a certified structural engineer at Certification, Ramboll.

The overview below indicates where to find the documentation for a given requirement in BEK 1693 in the applicant’s respective appendices. For each item the applicant must also state with explanatory text how the requirement is estimated to be met.

To read the Danish Authority of Social Services and Housing’s guide to the Executive Order on Certification Scheme, please follow the link on Certification, Ramboll’s website under the section ’How do I get certified’.

**Formalities**

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| --- | --- | --- | --- | --- |
| Full name: |  | [Navn] |  |  |
| Date  |  | [Dato yyyy-mm-dd] |  |  |

**DOCUMENTATION OF** **COMPETENCES**At application for certification for structure classes 2, the project/projects must be submitted for review and assessment at Certification, Ramboll.

The project should be completed, because otherwise the documentation cannot form the basis of an assessment of the competences of an applicant.

If the certification body estimates that the documentation for the project is adequate for an assessment, it may, however, be accepted that a few inspection documents from the construction are not included.

For a project to be suited for assessment of the competences of an applicant, he or she must have knowledge of the structural design of the project in general.

As a minimum, the application material must document that the applicant has:

* **Prepared** documentation for classification into structure class.
* **Prepared A1.1** Basis of structures – building.
* **Prepared** **A2.1** Structural calculations – building

(stability, internal forces, load bearing, robustness)

* **Prepared** parts of building sections in **A2.2** Structural calculations – (1-2 parts)
* **Prepared** **or inspected** B1 Structural inspection report **OR**
* **Prepared** **or inspected** B2 Structural inspection plan

General and building element drawings, for the understanding of the project/projects.

Certification, Ramboll may demand submission of any part of the structural document in accordance with BEK 1693, §16, subsection 3.

| **No.** | **Reference to BEK 1693 and** **Guide to certification of structural engineers and fire advisors** | **Applicant’s comments on the documentation requirements** | **Reference to appendix** |
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| KK23.1 | *§11, subsection 2 no. 1* *The project must be at least in structure class 2.* |  |  |
| KK23.2 | *§16, subsection 1, no. 4**The projects must be a maximum of 8 years old in relation to the time of issue of the building permit or 5 years old in relation to the time of issue of the commissioning permit.* |  |  |
|  | *Guide to certification of structural engineers and fire advisors, section 4.1.3.**The applicant must enclose enough parts of the structural documentation, cf. BR18, chapter 28, BR15 appendix 4, BR10 appendix 4)**to provide the basis for the assessment.* *The documentation must be prepared in accordance with SBi 223 or 271.* |  |  |
| KK23.3 | *BR18, chapter 28, §494, subsection 2*1. *Documentation for classification in structure class*
 |  |  |
| KK23.4 | *§12, subsection 2*1. *A1.1 Basis of structures, building*
* *Basis, loads, materials, description of building*
* *Structural performance, robustness, fire and soil engineering*

*(Cf. SBi 223, A1. Basis of project, building)* |  |  |
| KK23.5 | *§12, subsection 2* 1. *A2.1. Structural calculations, building*
* *Main structural calculations -* *stability, internal forces, load bearing, robustness*
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| KK23.6 | *§12, subsection 2* 1. *A2.2. Structural calculations, building sections*
* *Demonstration of force, function requirements, and joints between structural members*
 |  |  |
| KK23.7 | *§12, subsection 2* 1. *B1. Structural project report*
* *Building sections, organization, division of tasks and interfaces*

*(Cf. SBi 223, B1. Structural project report)* |  |  |
| KK23.8 | *§12, subsection 2* 1. *B2. Structural inspection plan*
* *Reference points, allocation of reference points, scope of inspection of design and construction*

*(Not included in structural documentation according to SBi 223)* |  |  |
| KK23.9 | *§12, subsection 2* 1. *B3. Structural inspection report*
* *Inspection documentation for design*
* *Inspection documentation for construction* *(not included in SBi 223)*
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| KK23.10 | *§12, subsection 2* *The applicant chooses other appendices relevant* *for the understanding of the project and the project material included in the assessment.**For instance:** *General and building element drawings*
* *Architectural plans, main sections and building element drawings*

*The applicant’s ability to evaluate the scope of relevant material will be part of the assessment.* |  |  |