



# Are you knowledgeable enough to become a Building Science Specialist?

The BSS® (Building Science Specialist) designation provides members of the industry, including building designers, specifiers, developers, contractors, and owners, with the confidence that any designation holder has a **high level of education** and understanding in the field of Building Science.

These individuals have written and passed an extensive set of exams covering:

- Building Science Theory Exam
- Building Envelope Systems Exam
- Materials Exam
- Mechanical Systems Exam

In addition to obtaining a minimum 65% in each of the above four exams, the candidates must also have an engineering or architectural undergraduate or graduate degree and at least 2000 hours of practical experience directly related to the practice of building science.

OR

Have an engineering or architectural diploma from a recognized college or polytechnical institute and at least 5000 hours of practical experience directly related to the practice of building science.

On our website at <https://bssb.ca/bss-exam/learning-objectives> the BSSB provides a list of detailed learning objectives and reference material listing everything you need to know to self-study for the exams. The exams are closed book. It is the candidate's responsibility to ensure they are prepared to write each exam after reviewing the current Learning Objectives posted on this website.

We also provide a comprehensive list of courses that may help you prepare for the exams, but these are provided for reference only. They can be found on our website at <https://bssb.ca/bss-exam/exam-courses>. Many of these courses are part of a degree or certificate program only so you must contact the relevant institution to determine whether you are eligible to take the course. Note that the BSSB does not endorse any of these courses and does not certify that the content covered by the courses is the same as what is covered on the exam.

## Do you think that you are knowledgeable enough to obtain the BSS designation?

**90% of exam applicants got these questions wrong:**

- *Briefly explain the function of a "Stack Joint".*
- *Briefly explain why the exterior of a below-grade cast-in-place concrete foundation wall is often covered with bituminous coating.*
- *Suggest a chemical admixture which would be logical to consider for an industrial floor slab (which will be enclosed inside a building) being placed outdoors in July. Explain the purpose of the admixture and justify why it would likely be required in this particular application.*

The BSS Designation is not a license to practice Building Science, it is a certification of a level of knowledge that those who obtain the designation are highly skilled in the practice of Building Science.

Do you have what it takes?  
Visit: [www.bssb.ca](http://www.bssb.ca)



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