

# WASP Certification Examination



“When the wind of change blows, some will set up wind breaks while others will build wind mills..”  
(Chinese proverb)

## WASP Certification Examination

The certification scheme applies to WASP users. A WASP certificate assures that the holder has reached a certain level in using WASP.

### *The WASP Certification Scheme*

The idea of the WASP certification is to make sure that holders of a WASP certificate have adequate skills to use WASP to complete a full analysis of meteorological data at a site, calculate the wind atlas and apply this to calculate the production of a potential wind farm. The required theoretical background need not be equivalent to a PhD in boundary-layer meteorology, but certificate holders should – in addition to the WASP skills – also know about possible pitfalls and have a basic understanding of the underlying theory.

The issuing of certificates is based on a one-day individual exam, consisting of a practical case study to be completed, presentation of this case study, as well as answering a theoretical question and questions relating to the practical estimation of wind resources by WASP. The applicants must fulfil the requirements of this exam to a satisfactory degree to acquire the certificate.

### *Implications of the certification*

With the WASP certificate, the Wind Energy Division of Risø DTU states that during the examination the holder has proven his/her abilities regarding the proper use of the WASP program and the necessary background knowledge.

Besides that, Risø DTU assumes no responsibility neither for the quality of the wind resource work performed by the holder of the certificate, nor for any direct or indirect economical or other consequences of such studies.

### *Requirements for certification*

The level required is such that the certified user is able to use WASP correctly to produce the best possible estimate of the wind resource.

As a minimum, this requires several months of practical experience in using WASP in addition to participation in a WASP course. Thus one cannot expect to be able to pass the exam on basis of a WASP course alone – additional practical experience before or after the course is also necessary to have a fair chance of passing.

You can find a listing of the items, which must be mastered at:

<http://www.wasp.dk/Courses/Certification/Requirements.html>. These are meant as an indication of the level sought and should not be taken as exhaustive.

You need to be a registered WASP user in order to participate in the certification examination. The level required to pass the examination is described in detail in the level requirement page.

### *The certification questions*

A list of the issues discussed during the examination can be found at:

<http://www.wasp.dk/Courses/Certification/Questions.html>

### *Registration*

You can register for the WASP certification exam by using our registration form at:

<http://www.wasp.dk/Courses/Registration.html>.

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