



# APPENDIX TO DIPLOMA (\*)



SWEDEN

## 1. EXAMENSBEVISETS BENÄMNING

Kvalificerad Yrkeshögskoleexamen

Byggtekniker

## 2. TRANSLATION OF DIPLOMA TITLE

Advanced Diploma in Higher Vocational Education

Construction Engineer

This translation has no legal status

## 3. SKILLS AND KNOWLEDGE PROFILE

### The holder of this document has

- Knowledge of how a construction process is managed and which stages are included in a construction project.
- Knowledge of the various production methods used in the construction industry, production control methods and production planning.
- Knowledge of technical construction and installation solutions, various building materials' properties, and construction regulations.
- Knowledge of uses for wood, steel and concrete, direct and indirect environmental impact caused by humans, and mechanics of the materials.
- Knowledge of climate systems and structural engineering.
- Knowledge of forces, statics and dimensioning.
- Skills in handling different parts of a construction project and solving technical and financial problems for various production methods.
- Skills in handling various measuring tools for systems and energy control.
- Skills and ability to describe the structure of buildings and account for the loads that exist on a building.
- Skills required to account for the structure of foundations, floors, walls and roof constructions.
- Competence to carry out all stages of a construction project and document, evaluate and follow up on a completed project.
- Competence to carry out calculations and analyses relating to building physics, and to formulate, analyse and solve mathematical problems relevant to the construction industry.
- Competence to use instruments for staking out and measuring, and to carry out load analyses and static calculations.

## 4. PROFESSIONS AVAILABLE FOR HOLDERS OF THE DIPLOMA

Construction Engineer, Structural Engineer, Environmental Construction Engineer, Timber House Project Manager

## 5. OFFICIAL STATUS OF THE DIPLOMA

<b>Name, status and address of the institution awarding the diploma</b>	<b>Name, status and address of the public authority issuing the entitlement to award a diploma to education providers</b>  The Swedish National Agency for Higher Vocational Education Postal Address: Box 145, S-721 05 Västerås <a href="http://www.myh.se">www.myh.se</a>
<b>Diploma Level (national or international designation)</b>  NQF/EQF: <i>scale not yet established</i> ISCED – scale:	<b>Grading Scale</b>  Fail (Icke Godkänt - IG) Pass (Godkänt - G) Pass with Distinction (Väl godkänt - VG)

## 6. OFFICIALLY RECOGNISED MANNER OF OBTAINING THE DIPLOMA

Description of vocational education and training received	Per cent of whole programme (%)	Length (hours/weeks/months/years)
• College/education centre		weeks
• Placement – Learning in a work environment		weeks
Total teaching/study duration resulting in diploma		<b>weeks/years</b>
<p><b>Further information</b></p> <p>A higher vocational programme may be of 200 vocational credits, equivalent to one full academic year, or 400 vocational credits, corresponding to two full academic years. If the criteria in Chapter 2, Section 13 of the Ordinance (2009:130) on higher vocational education are fulfilled, a Diploma in Higher Vocational Education is obtained. If the criteria in Chapter 2, Section 14 of the Ordinance (2009:130) on higher vocational education are fulfilled, an Advanced Diploma Higher Vocational Education is obtained.</p> <p>Entry requirement is successful completion of upper secondary education.</p> <p>For more information on higher vocational education, please visit the website of the Swedish National Agency for Higher Vocational Education: <a href="http://www.myh.se">www.myh.se</a></p>		

**(\*) Explanatory notes**

This document is intended to provide additional information about the specified diploma and has no legal status in itself. It is based on Council Resolution 93/C No. 49/01 of 3 December 1992 on the transparency and clarity of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency and clarity of vocational education certificates, and the European Parliament and Council Recommendation 2001/613/EC of 10 July 2001 on mobility within the Union of students, persons undergoing vocational training, volunteers, teachers and educators.

Further information on transparency and clarity may be obtained from: [www.cedefop.eu.int/transparency](http://www.cedefop.eu.int/transparency)

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