



Certified Assembly Manager Steel ML-N (normal art)

Information about the education Certified Assembly Manager Steel ML-N

Our education is distinguished by international character and standards. We work with the most experienced inspectors, engineers and practitioners from Sweden, Denmark, Norway and Poland.



We are pleased to offer one of the most popular trainings made by Svetsakademin:
Certified Assembly Manager Steel ML-N

The education ML-N is extremely up-to-date training regarding the regulation for European steel construction like EN 1090-1, EN 1090-2 and EN 1090-4 with norms that follow and Swedish steel construction regarding EKS 11 (European design regulation).

The Education aims for persons in design, purchasing, Quality, plant managers, assembler managers, supervisors, project managers of steel constructions according to EN 1090-1, EN 1090-2 and EN 1090-4.

The education ML-N also includes visual inspection of welds (according to ISO 5817), preparation grades before surface treatments (according to ISO 8501-3) and corrosivity classes (according to ISO 12944:2018). During the education we also include extra demands according to AMA-HUS 18.

After completed education and with an approved result you can title yourself **Certified Assembly Manager Steel ML-N**.

Content in education

During the education "Certified Assembly Manager Steel ML-N" the following content will be reviewed:

Day 1 – General laws and demands in norms - 8 hours

- General requirements for construction in Sweden for example BVL, BFS, Eurocodes, EKS 11, extra demands according to AMA-HUS (2 hrs)
- CE-labeling and declaration of performance for steel constructions according to EN 1090-1 (1 hr)
- Manufacturing and assembly of bearing components of steel according to EN 1090-2 och -4 (3 hr)
- Design of steel bearing components (1 hr)
- Demands according to drawings and welding symbols according to ISO 2553 (1 hr)



Day 2 – Welding methods, welders qualifications and material - 8 hours

- Demands according to drawings and welding symbols according to ISO 2553 (cont) (1 hr)
- Welders certificates according to ISO 9606-1 (2 hr)
- Design solutions of steel construction (1 hr)
- Norms for base- and filler material for example EN 10025 and material certificates according to EN 10204 (1 hr)
- General about welding methods MMA and MAG (1 hr)
- Developing of new WPS (2 hrs)

Day 3 – Bolted connection, surface treatment and assembly plan – 8 hours

- Bolted connections according to EN 1090-2, tensioned bolted connections EN 14399, non tensioned bolted connections according to EN 15048, different types of torque, what should be considered regarding bolted connections (4 hrs)
- Material norms for base and filler materials according to EN 10025 and material certificates according to EN 10204 (1 hr)
- Preparation grades for different surface treatments according to ISO 8501 and different kinds of corrosivity classes according to ISO 12944 (1 hr)
- Writing of welding plan (1 hr)
- Writing of assembly plans according to demands in EN 1090-2. (2 hr)



Day 4 – None destructive testing, visuall inspections, and assembly tolerances – 8 hours

- Weld defects in welding (1 hr)
- Visuall inspection of welding and classifications of welding defects according to ISO 6520 and demands for visual inspections according to ISO 5817, ISO 9712 and ISO 17635 (2 hr)
- Different NDT testing methods (none destructive testing) and demonstration of die pen and MPI testing (1 hr)
- Tolerances in assembly according to EN 1090-2 (4 hrs)



Day 5 – Assembly and inspection of steel constructions and examination – 8 hours

- Assembly and inspection of Steel constructions (4 hrs)
- Exam (4 hrs)



During nighttime exercises, welding and assembly plans will be done. Please, take in calculations with at least 8 hours to be done during night time. Content in educations can be slightly changed.

Other information

Application

Application is done through the application below

Educational certificate and diploma

After the education a certificate is given. For students with at least 70% correct answers on the test and 70% attendance a diploma is given.

Educational hours:

Start for the education is Thursday the 29th of april. The first four educations will be totally digital. The last day of the education will be in Hjortsberga. Time for the education is Thursdays between 08:00 - 17:00

Other educational information:

The participants make sure to have the following norms available during the education EN 1090-1, EN 1090-2, EN 1090-4, ISO 5817, ISO 9606-1, ISO 9692-1, ISO 15609-1 and ISO 15614-1.

Its also recommended to have AMA-HUS 18 or earlier issues available but not a demand.

Accommodation for the education:

More information will come

Price:

The education includes, "Fika", lunch when its a physicia meeting, educational binder, weld gauge, electrode catalogues, and diploma.	19 900 kr
Swedish diploma after finished education	500 kr

Extra literature for the education (only in Swedish language)	
SIS Handbok 530 – Personal och procedurer	2 395 kr/st
SIS Handbok 531 – Kvalitet, Konstruktion och svetsbeckningar	2 395 kr/st

All prices are excluding tax.

Cancelation / repayment

Cancelation latest 20 working days before start	complete refund – to pay 0 kr
Cancelation 20 to 10 days before start	50 % of the fee will be repaid.
Cancelation 10 to 0 days before start	25 % of the fee will be repaid

We reserve the right to cancel the training with 10 working days notice.

If you fall ill with COVID 19 and can present a medical certificate, you have the opportunity to cancel the training free of charge until the day before the start of the training. The prerequisite is, of course, that you return delivered training material.

Invoicing

Tax permitted by law will be added to all prices. The education shall be paid for prior to education al start.

Contact us

Educational coordinator / other questions

Kerstin Haraldsson

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Responsible for ML-N education

Björn Lindhe (IWE, IWI-C and IWSD)

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Economy

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Application to be sent to

utbildning@svetsakademin.se

Label your application email or mail application with Application ML_N

Or by mail to:

Svetsakademin AB

Åredavägen 21

S-342 93 HJORTSBERGA

Sweden

Label your application with "ML-N"

Latest updated 2021-02-12

Application

I hereby register for the education Certified Assembly Manager Steel:

Educational city: Week:.....

Name of participant:.....

E-mail:

Company Name:.....

Visiting Address:.....

Zip code / Postal code:..... City:.....

Country:.....

Invoicing adress:.....

Zip code / Postal code:..... City:.....

Invoicing address by e-mail:.....

Switch board:..... Phonenummer:.....

Date of birth: Org. Nr/VAT nr:.....
YYYY – MM – DD

Invoicing label:..... Special diet:.....

E-mail administration:

Other information:.....

We like to order the following extra material for the educationa:

HB 530:..... st HB 531:..... st

Swedish diploma: Yes: No:

Complete application to be labeled with "ML-N" is sent to one of the following alternative:

First hand: **utbildning@svetsakademin.se**

Second hand: Svetsakademin AB, Åredavägen 21, S-342 93 HJORTSBERGA, Sweden

After registration has been received by the Welding Academy, the application documents and exams will be saved for five calendar years after completing the education, in order to be able to answer questions regarding the correctness of the diploma.