
Registration and training information to Certified Manufacturing & Assembly Manager Steel ML-N Week 49 2026

The training is aimed at people in design, purchasing, quality, manufacturing managers, assembly managers, assemblers or project managers of steel structures according to EN 1090-1, EN 1090-2 and EN 1090-4.

It is based on rules according to BFS (the National Board of Housing, Building and Planning's construction rules) and regulations for steel construction such as EN 1090-1, EN 1090-2 and EN 1090-4.

We also cover visual inspection of welds (according to ISO 5817), preparation grades (according to ISO 8501-3) and corrosivity classes (according to ISO 12944:2018). During the training, we also include additional requirements according to AMA-HUS 24 (extra requirements in Sweden) .

After completing the training and passing the exam, the person can be called
Certified Assembly Manager Steel ML-N

Arrangement:

Day 1 – General Laws in Construction, CE Marking, Drawing Requirements - 8 hours

General regulations for construction in Sweden e.g. BVL, BFS, Eurocoder, EKS, additional requirements according to AMA-HUS, (2 hrs)

Excitucion classes (EXC) according to EN 1090-2, EN 1090-4 and requirements according to ISO 3834 (3 hrs)

CE marking and declaration of performance of steel structures according to EN 1090-1 (1 hr)

Requirements for drawings and welding symbols according to ISO 2553 (2 hrs)



Day 2 – Structural design, general about welding, and welder examination certificate – 8 hours

Structural design of steel structures (1 hour)

Welder's examination certificate according to ISO 9606-1 (2 hours)

General information about welding methods MMA and MAG (1 hour)

Material standards for basic and filler materials, e.g. EN 10025 and material certificates according to EN 10204 (2 hours)

Differences between Welding Data Sheets (WPS) and Welding Procedures (WPQR) (2 hrs)

Day 3 – Bolted connections, surface treatment, welding and assembly plans – 8 hours

Review of welding planes (1 hour)

Writing of welding plans according to the requirements of EN 1090-2. (1 hr)

Bolted connections according to EN 1090-2, loaded connections EN 14399, non-preloaded connections according to EN 15048, different types of torque, and what should be considered regarding bolted joints. (4 hrs)

Preparations grades before surface treatment according to ISO 8501 and different surface treatment classes according to ISO 12944 (1 hr)

Writing of assembly plans according to the requirements of EN 1090-2. (1 hr)



Svetsakademin AB

Mailadress: Åredavägen 21, Visitadress: Gravanäsvägen 11, 342 93 HJORTSBERGA

Phone: 0046-(0)472-550072

E-mail: utbildning@svetsakademin.se

Day 4 – Non-destructive testing, visual inspection and assembly tolerances – 8 hours

Review of writing the assembly plan (1 hr)

Visual assessment of weld with classification of welding defects according to ISO 6520 and visual inspection of weld according to ISO 5817 as well as requirements for visual inspection according to ISO 9712 and ISO 17637 (4 hrs)

Tolerances for assembly according to EN 1090-2 (3 hrs)



Day 5 – Assembly and inspection of steel structures and exam – 8 hours

Assembly and inspection of steel structures (4 hrs)

Exam The exam is divided into three parts, multiple-choice questions, investigative questions and writing a weld or assembly plan. (4 hrs).



Study questions

During the evenings, study assignments and home assignments are done. Expect about 8 hours in the evening. The content of the training may change slightly.

The following materials are included in the training:

- Training folder with all powerpoint presentations from the lecture, Exercises and other useful material for those interested.
- Filler material catalogue/s from various manufacturers
- Internal audit checklist of ISO 3834 and EN 1090-2
- Digital template for WPS (emailed in before training)
- Borrowing of the corresponding standards in the handbooks from SIS HB 530 and HB 531
- Weld gauge

Meals

Training on site (physical meetings) then includes morning coffee, lunch and afternoon coffee.

Exam

After completing the training, an exam of a total of 4 hours is taken. The exam consists of three different parts

Part 1 – Multiple choice questions (no aids allowed)

Part 2 – Investigative questions (all aids allowed)

Part 3 – Writing a weld or assembly plan

We calculate the correction to be a maximum of 15 working days.

Application Requirements

No prior knowledge is required, but we recommend two years of practical experience in steel construction.

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Application

Available on the last page.

Place:

Lundkvist Maskin & Verktyg (Lundqvist Machinery & Tools)
Fagerstagatan 21A
163 53 Spånga

Educational certificates and diplomas:

After completing the training, a training certificate is obtained. For people with at least 70% correct at the exam and at least 70% attendance, an education diploma is obtained.

Training hours:

Start 08:00 – end approximatly 16:30.

What to bring to the training

The training participant provides the following standards EN 1090-1, EN 1090-2, EN 1090-4 and SIS handbooks 530 and 531 (or equivalent loose standards).

It is also advisable to bring AMA-HUS 24 or earlier (but not required).

In classroom / Teams

A link will be sent remotely. You connect via Teams

Some mandatory elements must be done on site. These can be start-up, non-destructive testing, visual inspection, and exams.

Registration, training certificate and other information

The notification is made on the registration form on the last page

Sent to utbildning@svetsakademin.se

Subsequently, to: Svetsakademin i Sverige AB, Åredavägen 21, 342 93 HJORTSBERGA.

Price

The training includes morning and afternoon coffee, lunch when we meet physically.

Training binder, Welding dimensions, electrode catalogues, loan of standard binders and a diploma.

28 900 Sek

Swedish diploma after completion of the education

950 Sek

Re-examination

In the case of a re-examination, there is an additional cost.

Cost:

3 800 Sek/exam

Billing

Statutory VAT is added to all prices. Payment terms 10 days.

Training in:

Gothenburg - invoiced via Svetsmaskinservice Wesslander AB org no:

556070-7142.

Stockholm – Invoiced via C Lundqvist Maskin och verktyg AB org. no:

556048-0567

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Cancellation

Cancellation later than 5 days before the start of the training will be invoiced 75% of the fee.

Cancellation takes place 30 to 5 days before the start of the training, the amount is invoiced at 50%.

Cancellation no later than 30 working days before the start of the training will be a cost for administration.

Cost:

3 995 Sek/person

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

Contacts

<i>Remit</i>	<i>Name</i>	<i>Telephone number</i>	<i>E-mail address</i>
Administration	Lisa Lindhe	0911 - 15490	utbildning@svetsakademin.se
Ekonomi	Maria Kvennefeldt	070 - 595 35 34	
Utbildningsansvarig	Björn Lindhe	0472 - 55 09 80	
Senior administratör	Kerstin Haraldsson	0472 - 55 09 82	

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**SVETSAKADEMIN**

EST 2011

Application

Place of education:	
Participant's name / contact person:	
Date of birth	
Telephone number:	
Email:	
Dyslexia? How can we help you?	
Special diet:	
Allergy:	

Name of Company				
Mailing address:				
Postal code and city:				
Invoice address:				
Postal code and city:				
Country:				
Invoice by e-mail:				
Invoice approval name:				
Invoice marking:				
Telephone number:				
VAT No:				
Other information:				
Is an Swedish diploma required?	Yes		No	

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By signing the notification, I understand that my personal data will be stored in the Welding Academy's database.

Print out the application document and sign.

The application should be sent to: **utbildning@svetsakademin.se** "ML-N education".

Secondly to: Svetsakademin AB, "ML-N education". Åredavägen 21, 342 93 HJORTSBERGA

It is hereby certified that all information and certificates are correct

Date

Signature
