

Hoisting and Lifting Equipment Inspector TCVT W1-02

Target group and admission requirements

This course is intended for personnel, who are assigned to (all) inspections performed on equipment, specifically intended for lifting and/or hoisting.

Vertical transportation is a high-risk activity. The use of lifting equipment is part of this. This has resulted in an inspection scheme being drawn up for hoisting and lifting equipment, in close consultation with the Vertical Transport industry. Following on from this inspection scheme, a competence profile has been developed for the inspector of these tools.

This profile relates to the inspector who is assigned to (all) inspections performed on equipment specifically intended for lifting and/or hoisting.

The competence profile of the inspector has been worked out into final attainment levels by Working Room 1: "[Hoisting and Lifting Equipment Inspection](#)" of the Stichting TCVT. The test requirements were then derived from these.

The final and testing requirements and other specific conditions that the exams must meet are listed in the schedule.

Please refer to the TCVT [Examination Protocol W1 \(VT-416\)](#) for the general conditions imposed on the examination.

This schedule provides for the competence of the inspector with respect to the most basic examination methods in accordance with Schedule W1-01, namely: V1 through V3 and T4 + T8.

This is the so-called basic module. V1:

visually check

Q2: measuring

Q3: functional testing T4: dye penetrant

T8: testing with (over)load

The hoisting and lifting equipment inspector has the following level of training:

- MBO work and thinking level in the relevant technical field
- Demonstrated relevant work experience related to lifting and hoisting
- Independent thinking, working and decision making level
- Good oral expression skills
- Good contact skills.

Students must not have impairments of vision, hearing functions and motor skills.

The trainee is required to wear a helmet, gloves and high safety shoes class S 3 during the practical part of the training.

This training is in accordance with [Occupational Health and Safety Decree article 8](#)

The employer shall ensure that workers are provided with effective instruction on working conditions appropriate to their various tasks.

Global curriculum

The theory of this course taught by an experienced teacher inspector.

During these sessions clarified with sheets and didactic tools, the following topics, among others, related to control, inspection and testing will be covered:

- Construction features and designation
- Manufacturers' rejection standards
- To test or not to test
- Legislation
- Machine guidelines
- Marks and marks
- Relevant checks, inspections and tests
- Discard standards or deficiencies
- Wear
- Administrative Provisions

Practical Section:

During the practical part of the course, explanations are given, practiced and inspected with the various pieces of equipment specifically intended for lifting.

Candidates will be given a training folder at the beginning of the course that can also serve as a reference book.

Candidates are also expected to spend time on home study and homework assignments during the training period for the theory part.

Maximum number of participants

A maximum of 4 participants per instructor is possible for this course.

Resources

All required resources are described in the [TCVT RA exam protocol VT 410](#)

If required, V-TAS can provide the crane and all required mandatory training materials.

Exam

Attached to the training is a TCVT exam. The exam consists of theory and a practical part.

For the theory, 50 questions must be answered, of which a minimum of 42 must be correct. The practical exam consists of preparing and performing inspections on lifting and hoisting equipment.

During the examination, the candidate is presented with distinctive hoisting and lifting equipment so that the necessary visual examination and the necessary measurements and tests can be carried out on it on the basis of TCVT scheme W1-01 and the applicable statutory provisions. If the examination is passed successfully, the student receives a TCVT W1-02 certificate.

Validity period of the certificate

The validity period of the certificate is five (5) years.

The validity of the certificate can be checked through the TCVT Register of Personnel Certificates (www.tcvt-nl).

In order for a certificate holder to qualify for recertification, it must be demonstrated that all of the following conditions have been met by the certificate holder during those five (5) years (see b.):

Continuing education focused on current events and any updated laws and regulations:

2 training days (4 day parts) have been attended with a TCVT recognized trainer, and 1 training day (2 half-days) is attended in the first 36 months of the five-year period and the 2nd training day (2 half-days) is attended in the last 24 months of the 5-year period.

The training is registered in the TCVT register and the participant receives a certificate of participation for this.

General information

Duration of training	5 days, including the exam. Training locationEvery V-bag location or in company
Number of	students1 to 4 for open enrollment at one of the V-TAS locations in company possible in consultation
Start	dateYou can find this in our calendar on our website www.vtas.com or check with one of the V-TAS staff. You can reach us at +31 497 360305. If a suitable date is not scheduled, a suitable solution can always be found by mutual agreement .
Code 95 refresher training hours	No
Subsidy Colland - KMO-Portefeuille	possibilitiesV-TAS is recognized as a training provider by: SOOB - OOM -

Learn more

For more information, tailored advice, a quotation, a registration or for all your other questions, please contact one of our specialists. They will be happy to help you make the right choice or provide you with the correct and up-to-date answers to your questions if you wish.

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For general information, we invite you to visit our website [at www.v-tas.com](http://www.v-tas.com).