

Examination questions: Safety for Operational Supervisors

Event code: Proefexamen_Engels VOL

Please read the following instructions carefully!

This examination is comprised of **70** multiple-choice questions.

Each question is followed by three possible answers, of which only one is correct.

A maximum of **70** marks can be scored in this examination. Every correct answer scores 1 mark. You will have passed when you score at least **49** marks.

The maximum time for this examination is **105** minutes.

Requirements:

- these examination questions
- the answer sheet (used to note your answers)
- a pencil and eraser

Directions:

- make sure that you have all the pages in these examination questions
- only use a pencil to enter your answers on the answer sheet
- note your answers under the corresponding question numbers on the answer sheet
- indicate your answer by using your pencil to blacken the appropriate square
- always thoroughly erase any incorrectly entered answer

A multiple-choice question will be regarded as incorrectly answered when:

- the wrong answer has been chosen
- more than one square has been blackened
- no square has been blackened
- a square has not been blackened, but has been marked in some other way

At the end of the examination:

- · write or check your name on the answer sheet
- give the supervisor these examination questions and the answer sheet

In the event of any differences in interpretation the original Dutch version of this examination is binding.

- 1 What is the meaning of the CE marking on a machine?
 - A The product may only be used in European countries.
 - B The product does not require any regular maintenance in Europe.
 - C The product meets the minimum European safety requirements.
- Which body has the authority to order work to be halted?
 - A The Occupational Health & Safety Service (Arbodienst).
 - B The trade union.
 - C The government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)).
- 3 Several employers are working at a single site at the same time. What must be laid down in the H&S Project Plan?
 - A The selection of suppliers.
 - B The approach to supervision.
 - C The construction drawings.
- 4 An employer is responsible for which of the following persons?
 - A Only for the employer's own personnel.
 - B For everyone at the construction site and for the local residents.
 - C Only for the employer's own and hired -in personnel.
- 5 Which elements must be taken into consideration in establishing the working hours?
 - A The weather conditions.
 - B The magnitude of the risk to which the employee will be exposed.
 - C The employee's personal situation.
- **6** For which actions is the risk of accident the highest?
 - A Working steel with a hammer.
 - B Working steel with a file.
 - C Working steel with an angle grinder.
- 7 What is a Task Risk Analysis (TRA)?
 - A An evaluation of the tasks identified in the Risk Identification and Evaluation (RI&E).
 - B An overview of the tasks within a company that entail potential risks.
 - C An analysis of the risks associated with the execution of high-risk activities.

You come across an unsafe situation at your work. What is the first thing you must do? 8 A Remain near the unsafe situation. B Try to remove its cause. C Alert the government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)). 9 What is meant by the evaluation of risks? A The preparation of an action plan. B The preparation of a Task Risk Analysis (TRA). C The identification of the severity of the risks. 10 How do you communicate with employees about the risks and control measures on the work floor? A Through means of deliberation among all employees in a department. B Through means of deliberation among the immediate supervisor and his/her operational employees. C Through means of deliberations among all of the immediate supervisors in all departments. 11 An accident without serious injury occurred. What should be done in that case? A Steps must be taken to prevent the accident's reoccurrence. B The accident must be reported to the Emergency Centre by dialling 112. C This must be reported to the government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)) within 24 hours. 12 What is an example of a personal factor that can lead to an accident? A Insufficient stress-resistance. B Insufficient preparation. C An incorrect working method. 13 Which technical measure prevents accidents involving grinders within a company? A The selection of a sound ergonomic design. B Establishing clear procedures.

C Appointing an experienced technical director.

- What is important in an accident investigation?
 - A To clean up the site of the accident as quickly as possible in order to prevent new accidents.
 - B To only interview the victim.
 - C To collect all facts and information at the location of the accident.
- What is an important area for attention if an on-site investigation is conducted after an accident?
 - A That the areas for improvement are discussed with the site's owner.
 - B That this investigation be conducted before the government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)) is informed.
 - C That the documents present at the site are recovered.
- 16 What is the best safety rule?
 - A Mark all hazards at the workplace with red-white tape.
 - B Immediately sort the waste generated during the work by type.
 - C Keep the workplace tidy and keep passages clear.
- 17 What is a frequent cause of stumbling, slipping or tripping?
 - A Failure to wear safety shoes.
 - B The lack of marking tape along a passageway.
 - C The presence of cables and pipes lying across a passageway.
- 18 What increases the probability of unsafe behaviour on the part of an employee?
 - A There is discord between the employer and the works council.
 - B The work order is incomplete.
 - C Arrangements concerning the execution of the work have been made.
- 19 As a supervisor how can you ensure that unsafe behaviour becomes less likely?
 - A By giving in to employees more quickly.
 - B By imposing sanctions on unsafe behaviour.
 - C By planning the work differently.

- **20** What must a safety inspection or safety observation report contain?
 - A A description of the time required to complete the identified actions.
 - B A description of the progress of activities.
 - C A description of the findings of the inspection or observation.
- What action is an employee required to take if a protective device adversely impacts the pace of work?
 - A Do not remove the protective device and use it in the correct way
 - B Temporarily deactivate the protective device him/herself.
 - C Ask the technical service to remove the protective device.
- Which work accidents must be reported to the government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)).
 - A All accidents.
 - B Accidents involving a fatality only.
 - C All serious accidents.
- 23 What is compulsory when providing instructions or training?
 - A Instructions and training may only be provided by an expert.
 - B Instructions and training must be provided in the form of written documentation.
 - C Instructions and training must be tailored to the employee's specific activities.
- **24** What is the purpose of a toolbox meeting?
 - A To provide an opportunity for employees to discuss a subject that they consider important.
 - B To inform employees who is responsible for safety at a project.
 - C To achieve safe actions and safe behaviour.
- 25 What do you know about a company that has been awarded a SCC (VCA) certificate?
 - A That the company complies with the safety management systems in accordance with a safety observation report.
 - B That the company records unsafe situations and requests them to be certified.
 - C That the company adheres to HSE management practices in accordance with the rules.

- 26 What is the purpose of general safety rules?
 - A They govern the use of safety harnesses for working at heights.
 - B They identify the correct barriers to be installed for work activities.
 - C They govern reporting in and out at the work site.
- 27 In which situation should you use a blanking flange?
 - A To prevent internal contamination when transporting new pipes.
 - B To shut off the supply lines when working in a confined space.
 - C When checking the contents of a tank via a sampling point.
- 28 What does a work permit contain?
 - A Sound advice for the individuals carrying out the work.
 - B Obligations imposed by the government's Health and Safety Inspection Service (Inspectiedienst) (formerly the Health and Safety Inspectorate (Arbeidsinspectie)).
 - C Measures that must be implemented by the individuals carrying out the work.
- 29 What does a prohibitory sign at the construction site look like?
 - A Circular white sign with a red edge and a red diagonal line.
 - B Diamond-shaped orange sign that contains a white symbol.
 - C Circular white sign with a blue symbol.
- What rules apply to the employer in terms of paying attention to the hazards at the work site?
 - A It is a mandatory component of the briefing programme.
 - B It is a voluntary component of the briefing programme.
 - C It is only mandatory if so indicated by the Occupational Health & Safety Service (Arbodienst).
- The supervisor has an important task concerning work permits. What is the minimum he/she must do?
 - A Ensure the work permit is available at the place of work.
 - B Ensure that he can use the work permit again the next time.
 - C Ensure that the work permit is handed in immediately when the work ends.

- What are the phases in controlling and tackling emergency situations?
 - A The initial alarm, the implementation of measures, and termination by a sound signal.
 - B The initial alarm, the installation of crowd control barriers and alerting the emergency services.
 - C The initial alarm, the actions and measures and finally the termination.
- 33 What is the task of the company emergency response team?
 - A To provide personal protective equipment (PPE).
 - B To provide safety training.
 - C To provide first aid.
- What type of breathing protection do you use in a space with little oxygen?
 - A A disposable mask, provided it is a good fit for your face.
 - B Self-contained breathing apparatus.
 - C A filter mask with the correct filter bus.
- A hazardous situation arises. When should people and the source be separated from each other?
 - A Once you have successfully dealt with the source.
 - B When personal protective equipment (PPE) is not available.
 - C When it is impossible to tackle the source.

The packaging displays this pictogram (black on orange). What does this tell you about its contents?





- A Highly flammable.
- B Oxidising.
- C Corrosive.
- **37** What are the possible effects of biological substances on humans?
 - A Biological substances can be toxic.
 - B Biological substances are natural products and are not toxic.
 - C Biological substances are biodegradable and are not toxic.
- 38 What can affect the consequences of poisoning?
 - A The victim's age.
 - B The victim's training and education.
 - C The victim's experience.
- **39** What is the meaning of the blue area of the hazard diamond?
 - A It identifies the stability of the substance.
 - B It indicates that there is a fire hazard.
 - C It indicates that there is a health risk.

A Ask an independent laboratory to determine whether asbestos is actually present. B Contract a specialised company to remove the suspected material. C Immediately call the government's Health and Safety Inspection Service (Inspectiedienst) formerly the Health and Safety Inspectorate (Arbeidsinspectie)) and request them to conduct in inspection and to supervise progress.
What is the name of the concept in which substances start burning without the aid of an ignition source?
A Flashpoint. B Spontaneous ignition temperature. C Ignition temperature.
What is the first thing you should do when you discover a fire?
A Alert the police. B Ensure your own safety. C Alert the fire department.
What is the correct answer for an explosion-hazardous environment?
The upper and lower explosion limits are close together. You do not require a work permit. Verbal instructions provided by your supervisor suffice. You need to take special measures to counteract the ignition of explosion-hazardous nixtures.
How does a catalyst affect a fire?
It affects the flashpoint of a liquid. It affects the smoke production of a fire. It affects the speed of the combustion process.
Why is sand a good extinguishing agent for flammable liquids spread across the ground?
Sand cools the liquids. Sand retards combustion.

1 6		Which phenomenon can lead to the creation of an explosion-hazardous area?
	^	Cloude of steem
		Clouds of steam
		Clouds of nitrogen
	C	Clouds of dust
17		What requirement are electric hand tools expected to meet for use in an area where there is a risk of explosion?
	Α	The electric hand tools must be developed to be explosion resistant.
	В	The electric hand tools must be equipped with a lockable switch.
	С	The electric hand tools must be protected by double insulation and must be earthed.
48		A safe hand grinder must be equipped with which of the following?
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		A zero voltage safety.
	В	A lockable switch.
	С	A side grip.
19		Which of the following is a hazard in working with hoisting equipment?
		The worker may incur hearing loss.
		A load may fall from the hook.
	C	The employee may become physically overburdened.
50		What is one of the rules that applies to the use of hoisting chains?
	Α	Grease the chain before hoisting.
		Always work in pairs.
	С	Completely screw down the bolts of the shackles.
51		
		Which of the instruments listed below is a hoisting device without a drive?
	A	A crab.
		A manual hoist.
		A hoisting container.
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- **52** Are you permitted to use a forklift truck as a hoisting device?
 - A This is only permitted when hoisting belts around the tynes are used for hoisting.
 - B This is never permitted with any forklift truck.
 - C Only if the forklift truck is equipped with special hoisting equipment.
- 53 Why is the use of propane in wells and cellars dangerous?
 - A The use of propane consumes very high amounts of oxygen.
 - B Propane is heavier than air, as a result of which it collects at the lowest point.
 - C The use of propane is paired with very high temperatures and fire can erupt in wells and cellars.
- What specific safety measures must you take when removing asbestos?
 - A Wear safety shoes.
 - B Wear an overall.
 - C Wear a disposable overall.
- You come across a spread out tarpaulin on a work floor. What is the one thing you must be sure to take into consideration?
 - A You may only put junk on this tarpaulin.
 - B That there may be an opening below the tarpaulin.
 - C That the wind has caused the tarpaulin to become loose.
- Working with gas cylinders in an excavation can create added danger. What safety measure do you need to take?
 - A Only position the gas cylinders against the wall of the excavation.
 - B Never work with gas in or near an excavation.
 - C Do not place any gas cylinders in the excavation.
- 57 When must you use personal fall protection devices?
 - A When working at a height of 7 metres on a properly secured scaffold or platform.
 - B When performing activities above a height of 2.50 m and it is not possible to apply other protective devices.
 - C It is up to each person to judge when personal fall protection devices should be used.

- 58 What increases the risk of fire or explosion in a confined space?
 - A When there is too little ventilation, as a result of which the lower explosion limit (LEL) can be quickly reached.
 - B When there is too little ventilation, as a result of which the Maximum Acceptable Concentration (MAC value) can be quickly reached.
 - C When there is too little ventilation, as a result of which the air pressure can quickly increase.
- 59 What is the essence of the Earth Movers Regulations (Grondroerdersregeling)?
 - A These regulations prohibit the mixing of contaminated soil from an excavation with clean soil.
 - B These regulations impose limits on the maximum depth of an excavation.
 - C These regulations oblige everyone who starts digging with mechanical means, to first request information from the Land Registry.
- What influences the effect of an electric current passing through the human body?
 - A The size of the contact surface. If the surface area is larger, the current is stronger.
 - B The skin. The electric current is stronger in the event of rough skin than it is for people with smooth skin.
 - C Your location on earth. Electric current is stronger closer to the poles.
- 61 What increases the risk of accidents involving electricity at your workplace?
 - A The use of chargeable tools.
 - B The use of spark-free tools.
 - C The use of uninsulated tools.
- What is a hazard in the use of extension cables and power sockets?
 - A Short-circuit when too many power cables and electrical plugs are used.
 - B Leak currents with the attendant danger of electrocution.
 - C Overloading of the cable, which can lead to fire.
- What influences the injury resulting from an electric current passing through the human body?
 - A The type of tools that the victim was using.
 - B Whether the tools used to carry out the work had been approved.
 - C The route that the electrical current takes through the victim's body.

64		What is a potential consequence of too much noise?
	В	Chronic headache. Middle ear infection. Permanent hearing loss.
65		Two sound sources of 80 dB(A) each are located together. How high is the total sound pressure level?
	В	120 dB(A). 160 dB(A). 83 dB(A).
66		Who is responsible for making suitable aids available for use during lifting?
	В	The safety expert. The employer. The Occupational Health and Safety doctor.
67		What is the minimum requirement that personal protective equipment (PPE) is expected to meet?
	В	They must be in their original packing. They must be new. They must have a CE marking.
8		What is the maximum damping value of hearing protection plugs?
	В	30 dB(A). 45 dB(A). 10 dB(A).
69		How are the different protection classes of dust filters designated?
	В	P1, P2 and P3. S1, S2 and S3. Blue, brown and black.

- **70** What requirement is a safety harness expected to meet?
 - A A safety harness must fit well and be adjusted to the wearer.
 - B A safety harness must be equipped with leather seat belts.
 - C A safety harness must have double stitched shoulder belts.



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