

## ***Examination questions: Basic Elements of Safety***

### ***Event code: Proefexamen\_Engels Basisveiligheid***

Please read the following instructions carefully!

This examination is comprised of **40** multiple-choice questions.

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

A maximum of **40** marks can be scored in this examination. Every correct answer scores 1 mark.

You will have passed when you score at least **28** marks.

The maximum time for this examination is **60** 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 does the CE mark mean on a machine?

- A That the machine may immediately be used without additional checks.
- B That the machine has European testing and is guaranteed safe.
- C That the machine satisfies the minimum European safety requirements.

2 What is within the authority of the health and safety Inspection?

- A Give warnings or advice to the employer.
- B Impose a fine on the employer.
- C Impose a fine on the employee.

3 What is a possible source of danger at work?

- A Ignorance and inexperience of the employee.
- B The personal protection equipment.
- C The working hours schedule.

4 What is a Task Risk Analysis (TRA)?

- A A written evaluation of the tasks described in the Risk Analysis (RA).
- B A written summary of tasks that can cause risks in a company.
- C A written analysis of risks that can occur while performing risky tasks.

5 Of what is an insulating plate hanging loose an example?

- A Of a temporarily permissible situation.
- B Of an unsafe situation.
- C Of an unsafe action.

6 Which negative effects can the use of alcohol or drugs have on safety at work?

- A Concentration is reduced and less care is taken.
- B Bad behaviour towards colleagues.
- C High rate of absenteeism.

7 What produces the greatest risk of slipping?

- A Walking on an uneven surface.
- B Walking on wet floors.
- C Climbing ladders.

8 Which important employees' right is contained in the Working Conditions Act (Arbowet)?

- A The right to keep quiet about incriminating facts after an accident.
- B The right to stop work if there is a hazardous situation.
- C The right to compliance with the Collective Labour Agreement (CAO).

9 What does this sign mean (black on yellow)?



- A No access for unauthorised persons.
- B Warning: beware of drop.
- C Assembly point.

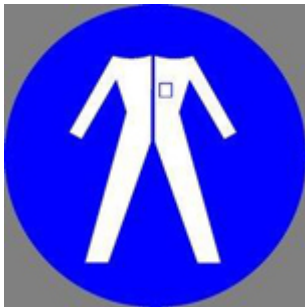
10 In which situation would you use a blind flange?

- 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.

11 What is a hot work permit?

- A A document that mentions work constituting a fire hazard.
- B A document that describes the measures to be taken in the event of a fire during the work.
- C A document that mentions the conditions for working with an open flame.

12 To which group of signalling panels does the following panel belong?



- A Firefighting equipment.
- B Mandatory sign.
- C Safety provisions.

**13** What is an obligation of the enterprise relating to the in-house first-aid service?

- A Must be organised depending on the results of the risk analysis.
- B Must be organised and guaranteed at every company.
- C Must be organised at companies with 50 employees or more.

**14** What is particular to hazardous substances?

- A There are two major categories: substances dangerous to people and substances dangerous to the environment.
- B They all have the same unhealthy effect on the human body.
- C They are classified in categories according to their properties and effects.

**15** Why may one never only rely on the odour to check that there are no dangerous gases or vapours at the workplace?

- A Because odourless gases can also be dangerous.
- B Because odour threshold is not set by law.
- C Because our nose is not sensitive to the odour of dangerous gases or vapours.

**16** What information do the 'S' sentences on a hazardous substance label give you?

- A Information on examining and selecting the substance.
- B Information on the standards the product must meet.
- C Information on the safety measures you must take.

**17** What hygiene measures should you take when your hands come into contact with biological substances?

- A You wash your hands thoroughly in your lunch break.
- B You always wash your hands after every task.
- C You can use hand cream: this offers sufficient protection.

**18** How can you describe the explosion limit?

- A The explosion limit is the lowest or highest temperature of a gas required to be able to cause an explosion.
- B The explosion limit is the area within which the effects of an explosion are perceptible.
- C The explosion limit is the minimum or the maximum quantity of gas in the air where an explosion is possible.

19 What is an important principle for fighting a fire?

- A Cool it.
- B Add energy.
- C Add oxygen.

20 Which answer is correct for an area with an explosion risk?

- A A work authorisation is not needed. Verbal instructions from your manager are sufficient.
- B The upper and lower explosion limits are close together.
- C You must take special precautions to prevent the ignition of explosive mixtures.

21 Which is the correct way of working with a machine?

- A Shield the emergency stop device.
- B Switch off the safety devices and screens.
- C Switch the machine off when you leave the workplace.

22 Which of these is a hammer safety requirement?

- A The handle must be firmly joined to the head of the hammer.
- B The handle must be made of tough material.
- C The handle must be long enough.

23 Which measure applies when working with a hoisting appliance?

- A The allowed workload may not be exceeded and the load must be attached in the correct way.
- B The allowed workload may not be exceeded and the load must be firmly hooked on.
- C The allowed workload may not be exceeded by more than 10% and the load must be attached in the correct way.

24 To what does an inspection certificate for a hoisting crane refer?

- A To the tests that were carried out before the crane was taken into service.
- B To the training and experience of the crane operator.
- C To the inspections that are regularly carried out on the crane and the accompanying hoisting tools.

25 In which situation is a tackle usually used?

- A If use of a crane is impossible.
- B If a large quantity of light loads must be hoisted.
- C If there are sufficiently strong persons present.

**26** What kind of certificate must drivers of a reachtruck have in their possession?

- A A category C driver's licence or an equivalent European driver's licence.
- B A specific training certificate.
- C A category B driver's licence or an equivalent European driver's licence.

**27** What personal protection equipment is mandatory when welding?

- A Eye protection and gloves.
- B This is decided by the welder.
- C Eye protection, gloves, apron and safety shoes.

**28** What specific measure do you take when removing asbestos?

- A Wear an overall.
- B Wear safety shoes.
- C Wear a disposable overall.

**29** What is the best safeguard to use for an opening in the floor?

- A The floor opening should be covered with a strong material.
- B Sufficient warning signs should be placed around the floor opening.
- C The floor opening should be well lit.

**30** Working with gas cylinders in an excavation can be particularly hazardous. What safety measure do you take?

- A Never work with gas in or near an excavation.
- B Only place gas cylinders against the wall of the excavation.
- C Never place gas cylinders in the excavation.

**31** What is a condition for being able to work on a scaffold?

- A Minimum of 18 years of age.
- B In possession of a "scaffold use" certificate of competence.
- C Have undergone training.

**32** What is the maximum permissible concentration of poisonous gases in a confined space?

- A Lower than 10% of the LEL.
- B Lower than the threshold value (MAC level).
- C Lower than the UEL.

**33** What is the primary cause of accidents involving electrical appliances?

- A Vibrations.
- B Cables with damaged insulation.
- C Cables too short.

**34** When does an earth leakage switch break the circuit?

- A When electrical equipment powered via the earth leakage switch (such as an electric motor) becomes overloaded.
- B When the difference between the incoming and outgoing currents in an electrical circuit exceeds the earth leakage switch's setting.
- C When the voltage of the power supply falls below the earth leakage switch's minimum voltage setting.

**35** What is a potential risk with the use of extension cables and wall sockets?

- A Leakage currents with danger of electrocution.
- B Overloading the cable can cause fire.
- C Short-circuiting if too many cables and sockets are used.

**36** What is advised if you must manually lift loads for a long time?

- A Regularly change posture.
- B If the distance is long, make sure you do this in one go.
- C Do the work in one go, then have a longer break.

**37** When you wear personal protective equipment (PPE), which of these must you do?

- A Show workmates how the equipment is used.
- B Use and maintain the equipment according to the instructions.
- C Hand the equipment back to the client at the end of the week.

**38** What is the maximum protection offered by special cotton-wool ear plugs?

- A 30 dB(A).
- B 45 dB(A).
- C 10 dB(A).

**39**

When must a safety helmet be replaced?

- A When the sticker on the helmet with the employer's name is no longer legible.
- B After a period which is given in the instruction manual.
- C If the date imprinted in the helmet has passed.

**40**

What should you do if you use protective clothing?

- A Clean dirty clothing immediately or put on clean clothing.
- B After work, return the clothing to the supply room.
- C After work, clean the clothing with compressed air.





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