

WRITTEN EXAM

NAME SURNAME:

1) *THE REGULATIONS 1221/2009 – EMAS è:*

- A Community Regulation to which all companies are obliged to adhere if they have their registered office in one of the member countries
- An international standard valid for all types of organizations (public and private, small or large) anywhere in the world
- A voluntary EU regulation applicable at international level to which organizations are invited to adapt

2) *What year is the latest version of the standard ISO14001:*

- 2004
- 2015**
- 2017

3) *What is the advantage most perceived by companies that have a EMAS registration:*

- the ability to maintain legislative compliance
- efficiency in the use of resources
- the reduction of accidents

4) *In which sectors EMAS is most widespread:*

- paper
- waste management
- constructions

5) *What role do ISO certifiers and EMAS verifiers play*

- Validate internal audits and address business improvement objectives
- Check supply chain controls
- Carry out third-party audits for the purpose of environmental certification

6) *The ISO14001 certification process of an organization necessarily involves the following steps:*

- Drafting of an Initial Environmental Analysis, Drafting of an Environmental Policy, Drafting of an Environmental Program, Implementation of an Environmental Management System compliant with the standard
- Carrying out an internal regulatory compliance audit, Implementation of a management process according to the "plan-do-check-act" approach, drafting of the Environmental Declaration

- Drafting of an Environmental Policy, Drafting of an Environmental Program, Drafting of a Report on the environmental performance of the organization

7) *For the purpose of identifying and evaluating environmental aspects it is important to include the analysis of normal, abnormal and emergency operating conditions. Which of the following definitions is correct ?:*

- normal operating conditions, or those operating conditions related to the ordinary conduct of the activities planned by the organization;
- anomalous operating conditions, or those operating conditions linked to unexpected and unpredictable aspects of the activities planned by the organization;
- emergency conditions, or those operating conditions linked to a failure to comply with the mandatory regulations.

8) *For the purposes of preparing the initial environmental analysis, the use where possible of benchmarks referable to the regulatory limits in force for the environmental aspects considered: E' superfluo, essendo la conformità normativa un prerequisito per l'ottenimento della certificazione;*

- It is a useful, but not exhaustive, reference on which to base the assessment of the significance of the aspect;
- It is the only reference for evaluating the relevance of the analyzed aspect;
- It is not appropriate, since the regulatory limits can change over time regardless of the company's will.

7) *The new ISO14001 standard, introducing the concept of life cycle perspective, underlines:*

- the need to conduct a life cycle analysis of your product in compliance with the requirements of ISO 14040: 2006;
- the need to consider the production processes and their impact on the environment in a perspective that transcends the narrow confines of the place where the production takes place and also to consider all the phases, upstream and downstream of production, limited to the first level of intermediate subjects;
- the need to consider all production processes upstream and downstream of production and their role in determining the environmental impacts generated at the organization's site;
- the need to consider the production processes and their impact on the environment in a perspective that transcends the narrow confines of the place where the production takes place and also to consider all the phases, upstream and downstream of production, regardless of the place where these phases materially take place and by the subjects who are primarily responsible for conducting such activities.

8) *By "interested parties" we mean:*

- Institutional organizations that interact with the organization and that Top Management has identified as privileged for their strategies
- Person or organization who can influence or be influenced by a decision or activity of the organization



- The shareholders / owners of the organization (interested party is in fact synonymous with shareholder, as also highlighted in annex A of the standard)
- Person or organization who has sent at least one formal communication (documented information) to the organization to express a complaint or a need, and that the organization must manage.

9) *The CONTEXT concept envisaged by the new ISO14001 standard:*

- represents the result of the stakeholder mapping process to be carried out in accordance with point 4.2*
- involves all strategic context dimensions for the organization (environmental, social, regulatory, technological, competitive and market, organizational, etc.)*
- coincides with the territorial organization of the organization to be carried out in the initial environmental analysis phase, in order to assess the significant environmental aspects and impacts*
- is the field of application of the environmental management system and must be documented within the system itself and made available to interested parties, as referred to in point 4.3*

10) *The ISO 14001 standard deals with the topic of leadership:*

- defining it explicitly as the level of control that the top management has over the work of employees*
- defining it explicitly as the level of approval that employees express towards top management*
- not defining it explicitly, but referring to it in the standard point that explains the commitment requirements of senior management, environmental policy, as well as the roles, responsibilities and authorities in the organization*

11) *The ISO 14001 standard for top management means:*

- any person or group of people who monitor certain business processes*
- person or group of people who, from the highest level, lead and monitor an organization*
- ISO 14001 does not offer an explicit definition of top management*

12) *The Environmental Policy:*

- It must be formalized by the Head of the Environmental Management System and disseminated to all local government institutions*
- It must be formalized by the top management of the organization, disseminated to the staff and made available to the public*
- It must be drawn up annually by Top Management and must include measurable objectives and targets (where possible)*

13) *The operating procedures within an EMS must be established:*

- on the basis of adequate operational criteria (e.g. content of authorizations, legal regulations)*
- mandatorily by senior management in the review phase*
- based on the results of the emergency tests established by law*

14) *The schedule of obligations in the area of regulatory compliance management can be useful for:*

- properly manage compliance with environmental regulations and other compliance obligations*
- monitor the communications made externally by companies (in particular those to the supervisory bodies)*
- manage the timing of internal audits and support control over the deadlines of corrective actions deriving from non-conformities.*

15) *The surveillance and measurement procedure*

- Provides procedures for the operational management of waste*
- Provides methods for managing the calibration of measuring instruments*
- Provides indications on the methods to be implemented to respond to emergencies*

16) *The reference standard for conducting audits is:*

- ISO14031*
- ISO19011*
- International guidelines of the GRI*

17) *The audit program is used to:*

- Planning the day on which the audit will take place*
- Summarize the audit evidence*
- Ensure that all activities are audited over a specified period of time*

18) *During the audit opening meeting:*

- The audit plan is presented and discussed*
- Please note the auditors' commitment to confidentiality*
- The audit team is introduced*
- All of the above*

19) *The phase following the drafting and delivery of the audit report in which the company implements the necessary actions to plan the resolution of the NC and OSS that have emerged is called:*

- Follow in*
- Follow up*
- Follow down*

20) *The Management Review:*

- Its purpose is to review the Environmental Policy, Objectives and Targets and involves Top Management, it is carried out once a semester*

- It involves all the subjects of the organization responsible for environmental management: from operators, to clerical levels up to senior management*
- It is a periodic moment of general review of the Environmental Management System carried out by Top Management and aimed at ensuring its adequacy and effectiveness*

ASSESS EACH OF THE FOLLOWING STATEMENTS AS TRUE (V) OR FALSE (F):

- 1) *Regulation 1221/2009 - EMAS provides for the development of a Management System compliant with the ISO14001 standard _ (V) ____*
 - 2) *The initial environmental analysis is a document that certified companies must prepare and make public annually ____ (F) _____*
 - 3) *The Environmental Policy must be signed by the Head of the Environmental Management System _ (F) _____*
 - 4) *The Environmental Program must contain the Objectives and Targets for improvement, as well as the deadlines and resources necessary for their implementation ____ (V) _____*
 - 5) *The involvement of staff is not essential for the correct implementation of the Environmental Management System, but if training / information is carried out, this must be communicated externally with suitable procedures __ (F) _____*
 - 6) *During the audit, evidence is collected in three ways: examination of documents, interviews, observation of activities __ (V) _____*
 - 7) *If a company produces 20t of hazardous waste in a year and 45t of hazardous waste the next year, the environmental performance of the organization relating to the production of hazardous waste is certainly worsening __ (F) _____*
 - 8) *The third party audit or external audit is the audit that a company carries out on its suppliers __ (F) _____*
 - 9) *The management of emergencies in an EMS must not take into account fire-fighting procedures __ (F) __*
 - 10) *During the review, the state of implementation of objectives and targets is checked and whether the policy is still current ____ (V) __ ____*
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EXERCISE:

You are the Head of the Environmental Management System of a manufacturing company, while managing your environmental system you are faced with the following situations:

A. You are doing the inspection and you see an operator depositing hazardous waste in the temporary storage facility for non-hazardous waste, you approach the temporary storage facility and actually find a battery in the wooden packaging storage facility.

B. After adapting the system to the new ISO14001: 2015 standard, you realize that you have not carried out the context analysis and risk assessment

Compile the NC report, writing the relief, classifying it in severe, mild NC or observation. Assume the treatment of the NC and the corrective action.