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Basic Concepts on Ecodesign

Unit 8 Environmental Management Quiz and Assignment

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8.1 Quiz

- PLEASE, CHOOSE THE CORRECT ANSWER:

1. What aim pursues the environmental management system of an organisation?
 - a. To control all the processes related to the environmental that have an impact on it, reducing, minimising and removing negative impacts.
 - b. To help compliance of applicable legislation, since it obliges to periodically review legal requirements of the organisational activity that must be met.
 - c. To help running the management and logistics of waste generated in the manufacturing, without addressing other environmental aspects.
 - d. a and b.
 - e. All of the above.
 - f. None of the above.

Solution: d.

2. What is the product of the context analysis of the organisation?
 - a. Extra data related to the environment on the internal processes involved.
 - b. Knowledge about internal and external issues affecting the environmental management system, including interested parties.
 - c. The context analysis of the organisation has no consequence for the environmental strategy of the organisation.
 - d. All of the above.
 - e. None of the above.

Solution: b.

3. Top management should demonstrate leadership and:



- a. Take decisions when environmental issues are detected, prevention is not regarded.
- b. Establish an environmental commitment through its environmental policy.
- c. Establish processes control through indicators that detect deviations on the environmental objectives compliance aligned with the environmental policy.
- d. a and b.
- e. b and c.
- f. None of the above.

Solution: e.

4. Top management should:

- a. Establish improvement objectives on all environmental aspects identified, considering their risks and opportunities.
- b. Identify environmental aspects, determining their risks and opportunities and acting upon significant aspects.
- c. Identify the applicable legislation when the environmental management system is implemented and periodically review it for updates.
- d. b and c.
- e. All of the above.
- f. None of the above.

Solution: d.

5. The needed resources for the effective functioning of an environmental management system are:

- a. Trained workers according to their job and environmental awareness.
- b. Internal communication, external is out of the range of the environmental system.



- c. To document the information needed to keep the system under control in the organisation.
- d. None of the above.
- e. a and c.

Solution: e.

6. The operational planning and control consist in:
- a. Establishing the necessary controls to incorporate environmental requirements to the design process.
 - b. Establishing the necessary controls considering environmental requirements in all stages of the product's life cycle.
 - c. None of the above.

Solution: b.

7. Direction's review ensures that the implemented system is adequate, suitable and effective.
- a. True.
 - b. False.

Solution: a.

8. The EMAS Regulation requires, once the EMS is verified, to be registered by a competent body.
- a. Yes, this is mandatory to be entitled to use the EMAS logo.
 - b. No, just as for the EMS ISO 14001, such register is not needed.
 - c. None of the above.

Solution: a.



9. The EMAS Regulation requires the implementation of an environmental management system (EMS) according to ISO 14001.
- No, the organisation may choose another environmental management system that considers the same requirements, or more, than the standard ISO 14001.
 - Yes, this is mandatory, it is a part of the mandatory steps to incorporate the EMAS Regulation.
 - None of the above.

Solution: b.

10. The Environmental Statement is mandatory in an EMS ISO 14001 and in EMAS.
- True.
 - False.

Solution: b.

8.2 Assingment

Take the product you chose in the Unit 1 task as a reference and consider that the organisation wants to clearly communicate that it takes improvement actions on its processes and products to minimise its environmental impact:

- Select one of the suggested methods to incorporate an environmental management system and
- explain why did you choose it, mentioning the benefits of such system.

