



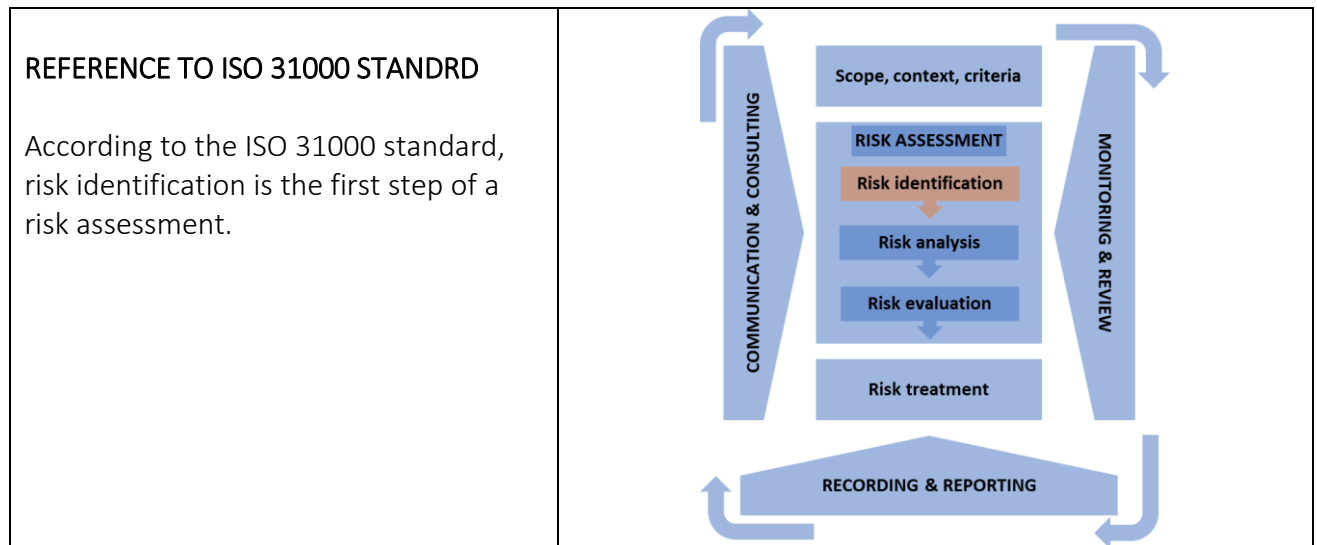
EXERCISE FOR SECURITY STUDENTS

Risk identification toolkit

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BACKGROUND:

Managing risks requires thorough risk identification as one of the first steps of the process, as described in ISO 31000:2018. Depending on the context and goals of risk management, the most applicable methods should be chosen for that individual case.



GOAL OF THIS EXERCISE:

Students will familiarise themselves with various risk identification methods from the IEC 31010:2019 standard, test some of them, and conduct comparison between different methods and their applicability in risk management.

TASK DESCRIPTION FOR STUDENTS:

- 1.** Form groups as instructed by teacher
- 2.** Each group is given one method applicable to risk identification from IEC 31010:2019
- 3.** Under guidance from teacher, define a physical target, such as building or premises or a part of it. The target should be e.g., business premises such as schools, commercial buildings, workplaces, warehouses, etc.
- 4.** Familiarize yourself with the method given to you and prepare a short presentation of that method for your fellow students.
- 5.** Use the method given to identify security risks for your target. In addition to the premises, property and people, be aware of what the activities and operations carried out within them.
- 6.** Write down the results of your identification as instructed by the teacher. Prepare to present your target and results to fellow students.
- 7.** Present the method (as prepared in step 4), your assigned target, and the results of your risk identification to fellow students (as prepared in step 6)
- 8.** Listen the presentations of the fellow students. After each presentation discuss 2 minutes with your group if their method would have been applicable for your target. Share your thoughts with the class in your turn. Would the method give you different results?
- 9.** After all presentations discuss in your group which of the presented methods would be best for your target. Share your thoughts with the class.

TASK DESCRIPTION FOR TEACHER / TRAINER:

- 1.** Before class, estimate the number of students and how many groups of approximately four students they would form. Decide on any method you prefer to assign them.
- 2.** Before class, for each group choose one method applicable to risk identification from IEC 31010:2019, section "B.2 Techniques for identifying risk"
- 3.** Optionally:
 - If you wish the identification exercise to be carried out as a desktop exercise, you could prepare to provide students with blueprints and other information about the targets. They can also use open-source information, such as Google Maps, Google Earth, etc.
 - If you wish the exercise to be carried out in a physical location, make sure you have access and proper facilities within it. You may also want to divide the facilities for the groups beforehand.
- 4.** In class, assign students into groups of approximately four students.
- 5.** Assign each group one of the methods from IEC 31010:2019.
- 6.** Each student group should have a physical target, such as building or premises or a part of it. The target should be e.g., business premises such as schools, commercial buildings, workplaces, warehouses, etc. You can assign these yourself or let the students decide. In

any case, it is recommended to approve every target so that they are suitable for the assignment.

- 7.** Instruct students to familiarize themselves with the method given to them, and to prepare a short presentation of that method for their fellow students. You can decide the delivery method of the presentation. It is recommended to limit the presentation to max. 5 minutes.
- 8.** Instruct students to use the method given to identify security risks for their target. In addition to the premises, property and people, they should be aware of what the activities and operations are carried out within them. The identification can be carried out as a theoretical exercise, as a desktop exercise using information about their target, or as a physical exercise on site – or any combination of these.
- 9.** Instruct students to write down the results of their identification; this can be done on e.g., post-it notes, on the whiteboard, PowerPoint presentation, in an online environment, etc. Instruct students to prepare to present their target and results to their fellow students. You can decide the delivery method of the presentation. It is recommended to limit the presentation to max. 5 minutes.
- 10.** While the students prepare their method presentation, identify risks, and prepare their results presentation, your task is to facilitate their work and assist if they have questions on the method and its use, for example.
- 11.** Instruct students to present their method, their assigned target, and the results of their risk identification to their fellow students.
- 12.** During presentations, make sure to chair the discussion and keep the groups within the given schedule. The process is as follows:
 - Approx. max. 10 minutes for one group presentation
 - After each presentation groups should discuss 2 minutes within their groups if the presented method would have been applicable for their target.
 - Groups are encouraged to share their thoughts with the class. The key question is: would the method give you different results?
- 13.** After all presentations, lead all students in a discussion of which of the presented methods would be best for their target.

ADDITIONAL SKILLS THAT THE STUDENT ACQUIRES THROUGH THIS ASSIGNMENT:

- Working in a group
- Working under time pressure
- Giving presentation and arguing their case
- Comparison skills and critical thinking