



Safety Copilot

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Question: Who should appoint the Risk Management Team Leader? Options: A. The Manager B. The Employer C. The Risk Assessment Team D. The Human Resource Manager



The Employer should appoint the Risk Management Team Leader.



Question: What should be the first consideration when selecting risk control measures? Options: A. Administrative controls B. Personal protective equipment C. Elimination of hazard D. Engineering controls



The first consideration when selecting risk control measures should be to eliminate the hazard if possible. If elimination is not possible, then engineering controls should be considered. Administrative controls and personal protective equipment should be the last options. Therefore, the correct answer is C. Elimination of hazard.



Question: How often should risk assessments be reviewed, at minimum? Options: A. Every 6 months B. Every year C. Every 2 years D. Every 3 years



D. Every 3 years



Question: What should the formation of Risk Assessment Teams include? Options: A. Only management staff B. Only employees directly involved in the work activities C. Representatives from both management and non-management levels D. Only third-party consultants experienced in risk assessments



C. Representatives from both management and non-management levels. This is because the Risk Assessment Teams should consist of personnel who have different job responsibilities for the work operations, personnel who are familiar with the potential hazards and risks of the work

activities such as WSH personnel, service buyers, services providers or contractors, and human resource representatives.



Question: What is the purpose of the "Inventory of Work Activities" form? Options: A. To list out all workplace accidents and incidents B. To identify the work activities and sub-activities to be assessed C. To document the risk control measures implemented D. To evaluate the severity and likelihood of each hazard



The "Inventory of Work Activities" form is used to identify the work activities and sub-activities that need to be assessed for hazards. It is completed before filling in the Risk Assessment Form.



Question: When should existing controls be considered during risk evaluation? Options: A. Only when assessing the severity of the hazard B. Only when assessing the likelihood of the hazard occurring C. When assessing both severity and likelihood D. Existing controls should not be considered during risk evaluation



Option A. Only when assessing the severity of the hazard. Existing controls should be considered when assessing the likelihood of the hazard occurring.



Question: What should be done if the risk level is determined to be "High Risk"? Options: A. Implement interim administrative controls before starting work B. The risk must be reduced to at least "Medium Risk" before work starts C. Personal protective equipment can be used as the primary control D. No action is required as long as the hazard is clearly communicated



B. The risk must be reduced to at least "Medium Risk" before work starts.

Reference(s): Figure 8 and Table 7 both indicate that if the risk level is determined to be "High Risk", the risk must be reduced to at least "Medium Risk" before work starts. This is the only recommended action for a high risk level. The other options are not recommended for high risk levels.



Question: After implementing additional risk controls, what should be done to the risk assessment record? Options: A. Create a new risk assessment record B. Update the "Existing Controls" column and remove "Additional Controls" C. No updates are required to the existing record D. Discard the existing record and start a new one



B. Update the "Existing Controls" column and remove "Additional Controls"



Question: When should the Risk Assessment Team consider residual risks? Options: A. Only after all possible risk controls have been implemented B. During the hazard identification stage C. When determining the severity and likelihood ratings D. After implementing risk controls but before updating records



D. After implementing risk controls but before updating records



Question: What should the Risk Assessment Team do if they have difficulty reaching a consensus on severity or likelihood ratings? Options: A. Use the highest proposed rating to be conservative B. Use the lowest proposed rating to minimize disruption C. Gather more information and/or consult an industry expert D. Assign a default medium rating and proceed



C. Gather more information and/or consult an industry expert



Question: What is the minimum recommended video resolution for the cameras in a Video Surveillance System (VSS)? Options: a) 480p b) 720p c) 1080p d) 4K



The minimum recommended video resolution for the cameras in a Video Surveillance System (VSS) is 1080p (1920x1080 progressively displayed pixels).



Question: Which of the following is NOT a recommended type of camera for a VSS? Options: a) Dome camera b) Bullet camera c) Fish-eye camera d) Pan-tilt-zoom camera



The answer is c) Fish-eye camera. The given context does not recommend fish-eye cameras as a type of camera for a VSS.



Question: How long should recorded video footage be stored if there is no WSH incident?
Options: a) 7 days b) 14 days c) 30 days d) 60 days



c) 30 days



Question: What is the recommended period for archiving video footage if there is a WSH incident? Options: a) 90 days from the date of incident b) 180 days from the date of incident c) 1 year from the date of incident d) Indefinitely



The recommended period for archiving video footage if there is a WSH incident is 180 days from the date of incident (option b).



Question: Which of the following is NOT a recommended consideration for the VSS? Options: a) Adequate lighting for areas covered b) Tamper-proof cameras c) Signages to inform VSS is in operation d) Disabling the night vision capability



d) Disabling the night vision capability is NOT a recommended consideration for the VSS.



Question: Which of the following is NOT a higher-risk work activity that should be monitored by the VSS at a construction site? Options: a) Work-at-height activities b) Excavation and shoring works c) Working near lifting operations d) Painting works



d) Painting works is NOT a higher-risk work activity that should be monitored by the VSS at a construction site according to the provided context.



Question: What is one of the recommended ways to use a VSS for improving workplace safety and health (WSH)? Options: a) For real-time monitoring of the workplace to identify risks b) As a deterrent for unsafe behaviors since workers know they are being monitored

c) For training by using footage to show examples of safe and unsafe practices d) All of the above



d) All of the above



Question: Which of the following is NOT recommended for VSS camera positioning? Options:

a) Mounted at high vantage points b) Clear line of sight to the work activity c) Facing neighboring premises to maximize coverage d) Positioned to avoid obstructed views



c) Facing neighboring premises to maximize coverage is NOT recommended for VSS camera positioning.



Question: What is recommended for the power supply of a VSS at construction worksites?

Options: a) Use high-capacity rechargeable battery packs b) Harness solar power to supplement battery use

c) Mount VSS on machinery/vehicles to draw power d) All of the above



d) All of the above



Question: What should companies consider engaging for their internet-enabled VSS? Options:

a) Cybersecurity specialist services

b) Video analytics software c) Artificial intelligence capabilities d) Dual recording systems



The correct answer is a) Cybersecurity specialist services. The passage mentions that for internet-enabled VSS, companies may refer to the General Cybersecurity Guidelines for Internet Protocol Video Surveillance Systems in Annex B of the Singapore Police Force's Video Surveillance System Standard for Buildings for recommendations on how a VSS may be safeguarded. This implies that companies should consider engaging cybersecurity specialist services to understand potential cybersecurity risks and measures to prevent unauthorized access, interference, or remote disabling of the VSS.



Question: Which is NOT part of the recommended maintenance for a VSS? Options:

a) Preventive maintenance

b) Breakdown/reactive maintenance c) Annual software upgrades d) Checking and cleaning camera lenses



c) Annual software upgrades is NOT part of the recommended maintenance for a VSS. The other options are all mentioned in the context as part of the recommended maintenance for a VSS.



Question: According to the guide, which of the following is NOT a recommended feature for VSS cameras? Options: a) Pan, tilt and zoom functions b) Night vision capability c) Weather-proof and dust-proof housing d) Built-in speakers for audio surveillance



The correct answer is d) Built-in speakers for audio surveillance. The guide does not mention this as a recommended feature for VSS cameras.



Question: How should the date and time settings be configured for cameras in a VSS? Options: a) Each camera can have its own date/time settings b) All cameras must be synchronized to a single date/time source c) Date/time stamps are not required d) The date/time can be set manually periodically



The correct answer is b) All cameras must be synchronized to a single date-time source. This is because the date and time for all cameras must be synchronized from a single source.



Question: Which of these is NOT one of the recommendations for VSS viewing and access capabilities? Options: a) Real-time monitoring of live footage b) Retrieval of recorded footage for any date/time c) Remote editing and alteration of recorded footage d) Export of video footage to external storage



c) Remote editing and alteration of recorded footage is NOT one of the recommendations for VSS viewing and access capabilities. The other options are all recommended for VSS viewing and access.



Question: According to the guide, for which type of area should companies NOT install a VSS? Options: a) Confined spaces b) Areas with high vehicular/human traffic c) Temporary buildings

for short-term events

d) All of the above should have VSS installed



c) Temporary buildings for short-term events



Question: What type of VSS camera is recommended for discrete/unobtrusive monitoring?

Options: a) Bullet camera b) Dome camera c) Pan-tilt-zoom camera d) Night vision camera



The recommended type of VSS camera for discrete/unobtrusive monitoring is the dome camera, as it has a discrete appearance and the direction where the camera is pointing is not visible.



Question: What is NOT listed as a recommended higher-risk work location to be monitored by VSS at a construction site? Options: a) Areas where cranes are operated b) Floors of a building under construction c) Vehicle parking areas d) Loading/unloading areas



c) Vehicle parking areas



Question: Which type of data transmission mode is NOT mentioned for a VSS? Options: a) Network cables b) Bluetooth c) Wi-Fi d) Radio frequency



The options a), b), and c) are all mentioned in the text as possible data transmission modes for a VSS. However, the option d) Radio frequency is not mentioned. Therefore, the correct answer is d) Radio frequency.



Question: According to the guide, what should companies do if installing a VSS may raise intellectual property or privacy concerns?

Options: a) Install the VSS anyway for monitoring b) Not install a VSS, but document the reasons c) Consult the authorities before making a decision d) Use a temporary portable surveillance system



b) Not install a VSS, but document the reasons



Question: In what format are video recordings recommended to be stored? Options:

- a) Proprietary formats
- b) Open-source or common multimedia container formats
- c) Any video format is acceptable
- d) The guide does not specify format recommendations



The recommended format for storing video recordings is open-source or common multimedia container formats such as *.avi (Microsoft) and *.mp4 (MPEG).



Question: Which of the following is NOT listed as a benefit of using a VSS for improving WSH?

- Options:
- a) Real-time monitoring of work activities
 - b) Deterrent for unsafe behaviors
 - c) Use footage for training purposes
 - d) Automatically stop unsafe work practices



The correct answer is d) Automatically stop unsafe work practices. The other options are all listed as benefits of using a VSS for improving WSH in the provided text. However, the text does not mention that VSS can automatically stop unsafe work practices.



Question: Which of these is NOT mentioned as a recommendation for VSS camera installation?

- Options:
- a) Mounted at high vantage points
 - b) Unobstructed view of work activities
 - c) Capturing footage of neighboring premises
 - d) Clear line of sight to work areas



c) Capturing footage of neighboring premises is NOT mentioned as a recommendation for VSS camera installation. In fact, it is recommended to minimize unnecessary recording of neighboring premises.



Question: According to the guide, for which type of monitoring is a portable/wearable camera recommended? Options: a) Wide area surveillance b) Low-light conditions c) Complementing fixed cameras for close-up footage d) Continuous 24/7 monitoring



c) Complementing fixed cameras for close-up footage



Question: Which component is NOT listed as part of a typical Video Surveillance System?

Options:

- a) Cameras
- b) Monitors/display units
- c) Recording equipment
- d) Infrared sensors



d) Infrared sensors is NOT listed as part of a typical Video Surveillance System.

Ask a question

