

Syllabus Report (SYL)

CorePass® Heat Illness Prevention



7056:2025

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IQF Level	2	IQF Credit	1
Approved References	https://www.cdc.gov/niosh/heat-stress/about/illnesses.html https://www.globalfirstaidcentre.org/hyperthermia/ https://www.ilo.org/resource/news/recommendations-health-and-safety-amidst-heatwaves Criteria for a Recommended Standard: Occupational Exposure to Hot Environments (NIOSH, 2016) Working in extreme heat - a guide for businesses (WorkSafe NZ, 2019) https://www.weather.gov/tsa/wbgt https://www.osha.gov/otm/section-3-health-hazards/chapter-4 WBGT Calculator https://www.osha.gov/heat-exposure/wbgt-calculator		
Special Notes			

Identify environmental and personal risk factors for heat illness. 705625D01

Performance	Identify environmental and personal risk factors for heat illness.
Standards	In accordance with approved references.
Conditions	Given a range of workplace scenarios across climates.
Comments	Range: May include, but not limited to desert, tropical, industrial, heat indices (i.e. WBGT, EU-OSHA), PPE heat impact.

Recognise signs and symptoms of heat-related illnesses. 705625D02

Performance	Recognise signs and symptoms of heat-related illnesses.
Standards	In accordance with approved references.
Conditions	Given range of case studies of workers in PPE and/or high intensity roles.
Comments	Range: heat stroke, heat exhaustion, rhabdomyolysis, heat syncope.

Describe how heat and humidity affect the body. 705625D03

Performance	Describe how heat and humidity affect the body.
Standards	In accordance with approved references.
Conditions	Given range of case studies of workers in PPE and/or high intensity roles.
Comments	Range: must include, but not limited to cardiovascular strain.

List requirements for hydration protocol compliance. 705625D04

Performance List requirements for hydration protocol compliance.
Standards In accordance with approved references.
Conditions Given local regulatory guidance or international best practice.
Comments Range: fluid intake per hour, shaded rest area, use of electrolytes.

Explain acclimatization principles applicable to heat illness prevention. 705625D05

Performance Explain acclimatization principles applicable to heat illness prevention.
Standards In accordance with approved references.
Conditions
Comments Range: may include OSHA's 7-14 day schedule, arid vs. humid regions.

Self-administer hydration techniques to prevent heat illnesses. 705625D06

Performance Self-administer hydration techniques to prevent heat illnesses.
Standards In accordance with approved references.
Conditions Given PPE and simulated work conditions.
Comments Range: water intake timing, accessibility.

Apply first aid measures for heat illnesses. 705625D07

Performance Apply first aid measures for heat illnesses.
Standards In accordance with approved references.
Conditions During simulated emergency indicative of the workplace.
Comments Range: may include but not limited to: ice packs, shade, hydration

Contrast heat prevention procedures at temperature thresholds. 705625D08

Performance Contrast heat prevention procedures at temperature thresholds.
Standards In accordance with approved references.
Conditions Given access to OSHA and another country regulatory requirements.
Comments

Recall elements of a compliant heat illness prevention plan. 705625D09

Performance Recall elements of a compliant heat illness prevention plan.
Standards In accordance with approved references.
Conditions Given sample plan to review.
Comments Range: hazard identification, controls, risk management, prevention, emergency procedures.

Identify employer and worker roles in heat illness prevention. 705625D10

Performance Identify employer and worker roles in heat illness prevention.
Standards In accordance with approved references and local regulatory requirements.
Conditions Given sample plan or organisational doctrine (i.e. policy) to review.
Comments

Apply heat risk assessment tools in the workplace to aid compliance. 705625D11

Performance Apply heat risk assessment tools in the workplace to aid compliance.
Standards In accordance with approved references.
Conditions Given environmental data from worksite/s.
Comments Range: must include WetBulb Globe Temperature (WBGT), may include other heat index, mobile app (NIOSH/OSHA), indoor, outdoor, PPE heat impact analysis.

Recommend engineering controls to aid heat illness prevention. 705625D12

Performance Recommend engineering controls to aid heat illness prevention.
Standards In accordance with OSHA and ILO requirements.
Conditions Given actual or simulated worksite, work assignment and environmental data.
Comments Range: may include, but not limited to: cooling fans, environmental monitoring, shift rotations.

Locate heat safety tools and information sources. 705625D13

Performance Locate heat safety tools and information sources.
Standards In accordance with approved references.
Conditions Using online, mobile devices or printed literature access.
Comments Candidate should be able to identify information sources available or translated into their primary language.