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All Transport



Hazard - Transport incidents

Knowledge and understanding

Hazard	Learning outcome
Transport incidents	Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI): Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none">• The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none"> • Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Emergency response plans: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Emergency response plans: Transport	Understand: <ul style="list-style-type: none"> • The purpose of pre-planning for all types of transport incidents • The information that may be included in emergency response plans for all types of transport incidents: <ul style="list-style-type: none"> - Air - Rail - Road - Waterways Refer to Emergency response plans – Operations training specification

Practical application

Control measure element	Learning outcome
Emergency response plans: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify, access and use emergency response plans in the transport environment Refer to Emergency response plans – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Understand: <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	Understand: <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information Refer to Situational awareness – Incident command training specification

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency Refer to Situational awareness – Incident command training specification



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	Understand: <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents Refer to Specialist advice – Incident command training specification

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	Demonstrate the ability to: <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved Refer to Specialist advice – Incident command training specification



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls – Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Hazard - Unstable mode of transport

Knowledge and understanding

Hazard	Learning outcome
Unstable mode of transport	Understand all associated hazard knowledge



Control measure - Assess stability

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Assess stability	Understand: <ul style="list-style-type: none">• How to assess the stability of a craft or vehicle• How insecure loads and affected infrastructure affect stability• How operational activity affects stability of a craft/vehicle

Practical application

Control measure element	Learning outcome
Assess stability	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify and assess the stability of craft or vehicles and affected infrastructure • Establish appropriate cordons considering how an unstable vehicle may move • Communicate hazard and risk information to emergency responders



Control measure - Manage pressurised air systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Manage pressurised air systems	Understand: <ul style="list-style-type: none"> • How pneumatic systems may impact the stability of a craft or vehicle • The hazards posed by pneumatic systems on crafts/vehicles • How to identify mechanical interlocks and safety systems on crafts/vehicles • How mechanical interlocks and built in safety systems can be used to assist scene safety

Practical application

Control measure element	Learning outcome
Manage pressurised air systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify pressurised air systems and assess their integrity • Gather information regarding the operation and isolation of pressurised air systems • Communicate the hazards of pressurised air systems to relevant people • Establish appropriate cordons where there is risk relating to pressurised air systems



Control measure - Stabilise the mode of transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Stabilise the mode of transport	Understand: <ul style="list-style-type: none"> • Appropriate stabilisation techniques for different craft or vehicles • When specialist knowledge or resources are required to stabilise craft/vehicles • The properties of a good stabilisation method • Why stabilisation should be checked regularly See www.ukro.org/education/ukro-workshops/lgv-rescues/

Practical application

Control measure element	Learning outcome
Stabilise the mode of transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Apply the properties of a good stabilisation method • Identify and request the resources required to implement an effective stabilisation plan • Monitor and assess the stability of a vehicle or craft



Hazard - Fuel and electrical systems

Knowledge and understanding

Hazard	Learning outcome
Fuel and electrical systems	Understand all associated hazard knowledge



Control measure - Identify and isolate electrical systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify and isolate electrical systems	Understand: <ul style="list-style-type: none"> • The power sources used in crafts/vehicles • The primary functions of craft or vehicle electrical systems • Where electricity isolation switches may be located • How electrical systems can be shut down and isolated safely • Who should isolate electrical systems • The need to document decisions taken to isolate electrical systems

Practical application

Control measure element	Learning outcome
Identify and isolate electrical systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify the location of electricity isolation points on craft or vehicles • Assess the risk associated with shutting down electrical systems in crafts/vehicles • Isolate electrical systems when appropriate • Inform relevant people of risks where electrical systems have not been shut down



Control measure - Identify and isolate fuel systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify and isolate fuel systems	Understand: <ul style="list-style-type: none"> • Where fuel isolation switches may be located • How fuel isolation switches can be activated on craft or vehicles • Who should isolate fuel systems on craft or vehicles • How to identify a craft or vehicle fuel type

Practical application

Control measure element	Learning outcome
Identify and isolate fuel systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify the type of fuel being used in a craft or vehicle • Isolate fuel via shut off valves • Control ignition sources • Record any movement of controls for accident investigation purposes



**Hazard -
Construction materials: Transport**

Knowledge and understanding

Hazard	Learning outcome
Construction materials: Transport	Understand all associated hazard knowledge



**Control measure -
Identify and communicate vehicle
or craft construction materials**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Communicate vehicle/craft construction materials to relevant people	Understand: <ul style="list-style-type: none">• How to identify the material used in craft or vehicle construction• The methods used to communicate hazard information to relevant personnel

Practical application

Control measure element	Learning outcome
Communicate vehicle/craft construction materials to relevant people	Demonstrate the ability to: <ul style="list-style-type: none">• Use a range of information sources to identify the materials used in craft or vehicles involved in incidents• Communicate relevant design and construction information to other emergency responders



Control measure - Avoid manipulation or damage to composite materials

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Avoid manipulation or damage to composite materials	Understand: <ul style="list-style-type: none"> • The dangers associated with materials containing damaged composite materials • Safe systems of work that can be employed to mitigate the effects of damaged composite materials

Practical application

Control measure element	Learning outcome
Avoid manipulation or damage to composite materials	Demonstrate the ability to: <ul style="list-style-type: none"> • Develop and communicate a tactical plan that minimises the level of risk from composite materials • Establish safe systems of work in the vicinity of composite materials



Control measure - Apply fine water spray or foam

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Apply fine water spray or foam	Understand: <ul style="list-style-type: none"> • The benefits of applying fine water spray or foam where composite materials on craft or vehicles are badly damaged • Methods of applying fine water spray or foam Refer to Fires and firefighting training specification Refer to Environmental Protection training specification

Practical application

Control measure element	Learning outcome
Apply fine water spray or foam	Demonstrate the ability to: <ul style="list-style-type: none"> • Apply fine water spray or foam blankets to minimise risk from airborne particulates • Establish decontamination procedures following exposure to airborne particulates Refer to Fires and firefighting training specification Refer to Environmental Protection training specification



Hazard - People

Knowledge and understanding

Hazard	Learning outcome
People	Understand all associated hazard knowledge



Control measure - Seek assistance for dealing with people

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Seek assistance for dealing with people	<p>Understand:</p> <p>Available assistance and processes for:</p> <ul style="list-style-type: none"> • Providing welfare or shelter • Controlling members of the public • Dealing with unpredictable, aggressive, violent or illegal behaviour

Practical application

Control measure element	Learning outcome
Seek assistance for dealing with people	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Request appropriate assistance for dealing with people • Adopt defensive tactics when people are demonstrating, unpredictable, aggressive, violent or illegal behaviour • Provide timely and appropriate advice to members of the public



Control measure - Evacuation and shelter

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Evacuation and shelter of people	<p>Understand:</p> <ul style="list-style-type: none"> • The definition of evacuation • Why an evacuation may be required • Why shelter in place may be required • The hazards and risks associated with emergency evacuation • The potential behaviour of people in emergency situations • The emergency evacuation procedures for differing situations • Multi agency arrangements for managing evacuation • The factors that should influence evacuation strategies • Evacuation strategies for buildings • Evacuation strategies for different types of building including medical facilities • The considerations for incorporating evacuation procedures into incident plans • The wider impact of dealing with significant numbers of evacuated people • How to access information on evacuation plans

Practical application

Control measure element	Learning outcome
<p>Evacuate or shelter people to maintain their safety</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with the responsible person to obtain advice relating to evacuation arrangements • Identify where 'evacuation' or 'stay put' is appropriate and record rationale for decision • Perform an evacuation according to agreed service protocols • Recognise where the involvement of other agencies is required to assist with evacuation • Identify and access available emergency plans that support an evacuation • Develop an evacuation strategy using available information • Identify and establish safe evacuation points, safe egress routes and refuge points • Identify where the behaviour of people may affect an evacuation • Put in place control measures to limit hazards to people and personnel during evacuation • Assess the suitability of a location for people to shelter in place • Review the use and effectiveness of evacuation and shelter in place plans • Work with multi-agency partners to conduct an effective evacuation



Control measure - Warn, inform and advise people

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Warning, informing and advising people	<p>Understand:</p> <ul style="list-style-type: none"> • The relevant legislation regarding emergency services obligations to warn, inform and advise the public • The groups of people who may require warning, information, instruction and updates • How appropriate warning, information, instruction and updates affect behaviours of people in emergency situations • How lack of appropriate warning, information, instruction and updates affect behaviours of people in emergency situations • The characteristics of appropriate warnings • Methods for providing warnings, information, instruction and updates to people in emergency situations • How to identify, control and manage the public's access in the vicinity of the incident

Practical application

Control measure element	Learning outcome
Warn, inform and advise people	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Use appropriate means to warn, inform, instruct and update public • Provide information that is <ul style="list-style-type: none"> - Specific - Comprehensible - Timely - Credible - Provides cues that are identifiable for action • Instigate appropriate procedures for warning public according to the environment and nature of warning and consider the use of: <ul style="list-style-type: none"> - Media - Social media - On foot/in person - PA announcements • Establish and maintain an appropriate contact in line with service procedure



Hazard - Biological materials

Knowledge and understanding

Hazard	Learning outcome
Biological materials	Understand all associated hazard knowledge Refer to National Operational Guidance: Operations- Failure to manage health, safety and welfare Refer to National Operational Guidance: Operations- Biological Hazards



Control measure - Establish hygiene controls

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish hygiene controls	Understand: <ul style="list-style-type: none">• The biological hazards that may be present at transport incidents• The appropriate control measures to protect people from risk of infection Refer to Manage risk from biological hazards – Operations training specification Refer to Manage risk from body fluids – Operations training specification Refer to Polluting materials – Environmental training specification

Practical application

Control measure element	Learning outcome
Establish hygiene controls	Demonstrate the ability to: <ul style="list-style-type: none">• Identify potential sources of biological contamination• Implement safe systems of work to protect emergency responders from contamination Refer to Manage risk from biological hazards – Operations training specification Refer to Manage risk from body fluids – Operations training specification Refer to Polluting materials – Environmental training specification



Control measure - Undertake decontamination

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Undertake decontamination	Refer to Hazardous materials training specification Refer to Environmental protection training specification

Practical application

Control measure element	Learning outcome
Undertake decontamination	Refer to Hazardous materials training specification Refer to Environmental Protection training specification



Hazard - Compromised investigations and scene preservation: Transport incidents

Knowledge and understanding

Hazard	Learning outcome
Compromised investigations and scene preservation: Transport incidents	Understand all associated hazard knowledge Have an awareness of investigating agencies that may be considered for investigating transport related incidents



Control measure - Scene security

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Secure the scene to assist fire investigation	Understand: <ul style="list-style-type: none">• The importance of maintaining lifesaving activities and fire service statutory duties where an investigation may be carried out• The considerations when securing an incident scene for investigation• The importance of maintaining strict cordon controls during an investigation• Methods of scene preservation• Protocols when liaising with other agencies

Practical application

Control measure element	Learning outcome
Preserve evidence to assist fire investigation	Demonstrate the ability to: <ul style="list-style-type: none">• Secure the scene to ensure evidence is preserved for internal and external investigations



Control measure - Evidence preservation

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Preserve evidence to assist fire investigation	Understand: <ul style="list-style-type: none">• Procedures for carrying out investigations through to conclusion• Preservation of evidence for investigation purposes

Practical application

Control measure element	Learning outcome
Preserve evidence	Demonstrate the ability to: <ul style="list-style-type: none">• Adopt good scene preservation and practices at all stages of an incident• Preserve evidence and avoid movement of working parts• Record information relevant to original state of the incident• Communicate scene and evidence preservation considerations to relevant personnel• Identify and request police and/or fire scene investigator(s)



Control measure - Investigation

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Investigation	Understand: <ul style="list-style-type: none">• Levels of fire investigation and responsible roles• How information from investigations informs future learning• The role of the police in an investigation• The role of the health and safety executive in an investigation• Multi-agency considerations during an investigation• The considerations for individuals during an investigation

Practical application

Control measure element	Learning outcome
Investigation	Demonstrate the ability to: <ul style="list-style-type: none">• Undertake fire investigation at a level appropriate to the circumstances of the incident



Control measure - Accurate records and statements

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Accurate records and statements	Understand: <ul style="list-style-type: none"> • Procedures for recording/logging incident information • The expectations of individuals to provide witness statements

Practical application

Control measure element	Learning outcome
Accurate records and statements	Demonstrate the ability to: <ul style="list-style-type: none"> • Use service procedures to record information and witness statements to inform future investigations • Record relevant information in a timely manner



Control measure - Written reports

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Written reports	Understand <ul style="list-style-type: none"> • The importance of recording accurate, clear and unbiased information • What information should be recorded • How legislation shapes official report writing • Types of documents: <ul style="list-style-type: none"> - Informal contemporaneous notes - Formally structured data gathering documents - Contemporaneous note books - Sketch plans, diagrams and photographs • The importance of signing and dating all types of records

Practical application

Control measure element	Learning outcome
Written reports	Demonstrate the ability to: <ul style="list-style-type: none">• Record relevant incident information in an appropriate format



Control measure - Attend coroner's court (or equivalent)

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Attend coroner's court	Understand: <ul style="list-style-type: none">• The aim of an inquest (or equivalent)• The role of fire service personnel at an inquest (or equivalent)• How information should be imparted during an inquest (or equivalent)• The relevant inquest (or equivalent) process

Practical application

Control measure element	Learning outcome
Attend coroner's court (or equivalent)	Demonstrate the ability to: <ul style="list-style-type: none">• Prepare evidence and records to a standard appropriate for scrutiny at an inquest or inquiry



Control measure - Highlight trends

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Highlight trends	Understand: <ul style="list-style-type: none">• All available information and systems that identify trends• The importance of liaison with other services and agencies to identify trends• Monitoring of impact on trends to assure effectiveness of interventions

Practical application

Control measure element	Learning outcome
Identify trends	Demonstrate the ability to: <ul style="list-style-type: none">• Use available systems to actively identify incident trends• Share relevant incident investigation information with other appropriate agencies



Control measure - Operational learning

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Operational learning	Understand: <ul style="list-style-type: none"> • How operational learning promotes learning • The purpose of: <ul style="list-style-type: none"> • Debriefs • Investigations • Operational assurance process Refer to National Operational Learning: Good practice guide for fire and rescue services

Practical application

Control measure element	Learning outcome
Operational learning	Demonstrate the ability to: <ul style="list-style-type: none"> • Record and share significant findings from incident and investigations to inform future practice Refer to National Operational Learning – Good practice guide for fire and rescue services



Air



Hazard - Air transport incidents

Knowledge and understanding

Hazard	Learning outcome
Air transport incidents	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents



Control measure - Emergency response plans: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Emergency response plans: Transport	Understand: <ul style="list-style-type: none"> • The purpose of pre-planning for all types of transport incidents • The information that may be included in emergency response plans for all types of transport incidents: <ul style="list-style-type: none"> - Air - Rail - Road - Waterways Refer to Emergency response plans – Operations training specification

Practical application

Control measure element	Learning outcome
Emergency response plans: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify, access and use emergency response plans in the transport environment Refer to Emergency response plans – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Hazard - Dealing with incidents within aerodrome perimeters and infrastructure

Knowledge and understanding

Hazard	Learning outcome
Dealing with incidents within aerodrome perimeters and infrastructure	Understand all associated hazard knowledge



Control measure - Understand aerodrome by-laws

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Understand aerodrome by-laws	Understand: <ul style="list-style-type: none">• Aerodrome by-laws in relation to emergency response

Practical application

Control measure element	Learning outcome
Aerodrome by-laws	Demonstrate the ability to: <ul style="list-style-type: none">• Liaise with the aerodrome responsible person to ascertain aerodrome by-laws and their impact on operations• Consult SSRI for information relating to aerodrome by-laws



Control measure - Be familiar with aerodrome rescue and firefighting service (RFFS) advice and equipment

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Be familiar with aerodrome rescue and firefighting service (RFFS) advice and equipment	Understand: <ul style="list-style-type: none">• The capabilities of RFFS• The statutory responsibility of local authority fire and rescue services in relation to air transport incidents• The relationship between local authority fire and rescue services and their respective aerodromes

Practical application

Control measure element	Learning outcome
Be familiar with aerodrome rescue and firefighting service (RFFS) advice and equipment	Demonstrate the ability to: <ul style="list-style-type: none">• Establish a common operating principle with an aerodrome RFFS



Control measure - Establish whether vehicles are to be escorted airside

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Fire service vehicles are to be escorted airside to provide safe route to the incident	Understand: <ul style="list-style-type: none">• Local access agreements for aerodromes• The arrangements made to travel on the airside when escort vehicles are not available

Practical application

Control measure element	Learning outcome
Fire service vehicles to be escorted airside to provide safe route to the incident	Demonstrate the ability to: <ul style="list-style-type: none">• Request an escort vehicle from RFFS• Communicate airside safety information to all personnel• Exercise cautionary measures when escort vehicles are not available



Hazard - Crash site on and off aerodrome

Knowledge and understanding

Hazard	Learning outcome
Crash site on and off aerodrome	Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI): Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none">• The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none">• Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Emergency response plans:

Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Emergency response plans: Transport	Understand: <ul style="list-style-type: none">• The purpose of pre-planning for all types of transport incidents• The information that may be included in emergency response plans for all types of transport incidents:<ul style="list-style-type: none">- Air- Rail- Road- Waterways Refer to Emergency response plans – Operations training specification

Practical application

Control measure element	Learning outcome
Emergency response plans: Transport	Demonstrate the ability to: <ul style="list-style-type: none">• Identify, access and use emergency response plans in the transport environment Refer to Emergency response plans – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Understand: <ul style="list-style-type: none">• The considerations for safe and effective access to transport incidents• The hazards associated with approaching incidents involving transport systems• When rendezvous points (RVPs) or strategic holding areas may be required• The legislation relating to displaying appropriate warning beacons at incidents• The equipment used to display appropriate warning beacons• How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none">• Identify suitable access routes and RVPs using SSRI• Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Control ignition sources

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Control ignition sources	Understand: <ul style="list-style-type: none"> • The need to eliminate or reduce the possibility of ignition sources from the accident site

Practical application

Control measure element	Learning outcome
Control ignition sources	Demonstrate the ability to: <ul style="list-style-type: none"> • Control ignition sources • Use appropriate extinguishing media to mitigate ignition sources • Provide safe systems of work for personnel working within the inner cordon



Hazard - Aircraft undercarriages

Knowledge and understanding

Hazard	Learning outcome
Aircraft undercarriages	Understand all associated hazard knowledge



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none">• Establish and monitor cordons, appropriate to the mode of transport• Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Stabilise the mode of transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Stabilise the mode of transport	Understand: <ul style="list-style-type: none">• Appropriate stabilisation techniques for different craft or vehicles• When specialist knowledge or resources are required to stabilise craft/vehicles• The properties of a good stabilisation method• Why stabilisation should be checked regularly See www.ukro.org/education/ukro-workshops/lgv-rescues/

Practical application

Control measure element	Learning outcome
Stabilise the mode of transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Apply the properties of a good stabilisation method • Identify and request the resources required to implement an effective stabilisation plan • Monitor and assess the stability of a vehicle or craft



Hazard - Escape slides

Knowledge and understanding

Hazard	Learning outcome
Escape slides	Understand all associated hazard knowledge



Control measure - Manage slides and access points

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Manage slides and access points	Understand: <ul style="list-style-type: none"> • How to manage aircraft slides and access points • The types of escape slides in use • The situations when escape slides may be used • The situations when escape slides should not be used • The methods of communicating that escape slides are in use

Practical application

Control measure element	Learning outcome
Manage slides and access points	Demonstrate the ability to: <ul style="list-style-type: none">• Gather information about slides from a responsible person• Communicate to all personnel that slides are active• Establish a safe system of work to manage slides and access points



**Hazard -
Aircraft ballistic recovery systems**

Knowledge and understanding

Hazard	Learning outcome
Aircraft ballistic recovery systems	Understand all associated hazard knowledge



**Control measure -
Identify the system and seek
specialist advice regarding the
isolation of systems**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify the system and seek specialist advice regarding the isolation of systems	Understand: <ul style="list-style-type: none"> • How to identify aircraft ballistic recovery systems • How to locate and determine the condition of aircraft ballistic recovery systems • Who can isolate and make safe aircraft ballistic recovery systems • The negative effect of isolating power supplies to ballistic recovery systems

Practical application

Control measure element	Learning outcome
Identify the system and seek specialist advice regarding the isolation of systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify the state of ballistic recovery systems • Identify and communicate ballistic recovery system information to all emergency personnel attending the incident • Liaise with the aerodrome responsible person to ascertain the requirements for isolating ballistic recovery systems



Control measure - Manage the deployed parachute

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Manage the deployed parachute	Understand: <ul style="list-style-type: none"> • How an aircraft's stability can be affected by a deployed parachute • Methods of managing a deployed parachute

Practical application

Control measure element	Learning outcome
Manage the deployed parachute	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish a safe system of work to manage a deployed parachute



**Hazard -
Aircraft systems and construction**

Knowledge and understanding

Hazard	Learning outcome
Aircraft systems and construction	Understand all associated hazard knowledge



**Control measure -
Site-Specific Risk Information
(SSRI): Transport**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none"> • The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none"> • Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Emergency response plans: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Emergency response plans: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • The purpose of pre-planning for all types of transport incidents • The information that may be included in emergency response plans for all types of transport incidents: <ul style="list-style-type: none"> - Air - Rail - Road - Waterways <p>Refer to Emergency response plans – Operations training specification</p>

Practical application

Control measure element	Learning outcome
Emergency response plans: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify, access and use emergency response plans in the transport environment <p>Refer to Emergency response plans – Operations training specification</p>



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Identify and isolate control systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify and isolate control systems	Understand: <ul style="list-style-type: none"> • How to identify aircraft system isolation points in liaison with aerodrome RFFS • Who can isolate aircraft systems • How to control aircraft systems in an emergency

Practical application

Control measure element	Learning outcome
Identify and isolate control systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Liaise with an aerodrome responsible person to gather information in respect of aircraft control systems



Hazard - Working around military aircraft

Knowledge and understanding

Hazard	Learning outcome
Working around military aircraft	Understand all associated hazard knowledge



Control measure - Cordon controls: Military aircraft

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Cordon controls: Military aircraft	Understand: <ul style="list-style-type: none"> • The specific cordon distances for military aircraft with and without ordnance • The exclusion or avoidance zones that relate to specific ordnance or guidance systems Refer to - Establish effective cordon controls Incident command Training specification

Practical application

Control measure element	Learning outcome
Cordon controls: Military aircraft	Demonstrate the ability to: <ul style="list-style-type: none">• Identify the appropriate cordons and exclusions zones based on the on board ordnance and guidance systems• Establish and manage appropriate cordons for incidents involving military aircraft• Approach a military aircraft safely Refer to - Establish appropriate cordon controls: Incident command training specification



Control measure - Specialist advice: Military aircraft

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Specialist advice: Military aircraft	Understand: <ul style="list-style-type: none">• The role of the Royal Air Force regional liaison officer (RAFRLO)• The role of the Aircraft Post Crash Management Incident Officer (APCMIO)• The role of the Royal Navy duty hazmat and environmental protection officer• The role of the explosive ordnance disposal team• How to request specialist advice for military aircraft

Practical application

Control measure element	Learning outcome
Liaise with specialist military advisers	Demonstrate the ability to: <ul style="list-style-type: none"> • Liaise with military advisers at the earliest opportunity • Request assistance from specialist advisers for incidents involving military aircraft



Control measure - Restrict the use of electronic communication devices

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Restrict the use electronic communication devices	Understand: <ul style="list-style-type: none"> • The hazards associated with the use of electronic communications devices close to electro explosive devices (EED) • The RADHAZ effect in relation to working near electro explosive devices

Practical application

Control measure element	Learning outcome
Restrict the use of electronic communication devices	Demonstrate the ability to: <ul style="list-style-type: none"> • Manage or restrict the use of electronic communication until military advice is available



Hazard - Working around helicopters

Knowledge and understanding

Hazard	Learning outcome
Working around helicopters	Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI): Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none">• The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none">• Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Emergency response plans: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Emergency response plans: Transport	Understand: <ul style="list-style-type: none">• The purpose of pre-planning for all types of transport incidents• The information that may be included in emergency response plans for all types of transport incidents:<ul style="list-style-type: none">- Air- Rail- Road- Waterways Refer to Emergency response plans – Operations training specification

Practical application

Control measure element	Learning outcome
Emergency response plans: Transport	Demonstrate the ability to: <ul style="list-style-type: none">• Identify, access and use emergency response plans in the transport environment Refer to Emergency response plans – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Avoid deploying flotation devices or automatically deployable emergency locator transmitters (ADELT)

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Avoid deploying flotation devices or automatically deployable emergency locator transmitters (ADELT)</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The types of helicopter that may be fitted with ADELT • The methods by which the ADELT is attached to the helicopter • The methods by which the ADELT is released from the helicopter • The hazards associated with ADELT systems • The types of emergency floatation systems fitted to helicopters • The hazards associated with emergency floatation systems • How to identify ADELT and floatation devices on helicopters

Practical application

Control measure element	Learning outcome
<p>Avoid deploying flotation devices or automatically deployable emergency locator transmitters (ADELT)</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify flotation devices and/or ADELT on aircraft that have been involved in an incident • Establish a safe system of work when applying water or foam where flotation devices and/or ADELT on aircraft are located



Rail



**Hazard -
Rail transport incidents**

Knowledge and understanding

Hazard	Learning outcome
Rail transport incidents	Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI): Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none">• The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none">• Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Understand: <ul style="list-style-type: none">• The considerations for safe and effective access to transport incidents• The hazards associated with approaching incidents involving transport systems• When rendezvous points (RVPs) or strategic holding areas may be required• The legislation relating to displaying appropriate warning beacons at incidents• The equipment used to display appropriate warning beacons• How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none">• Identify suitable access routes and RVPs using SSRI• Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none">• The considerations when positioning safety officers at rail incidents• The delegated responsibilities of a safety officer when working near railways• Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none"> • The appropriate use of PPE in the rail environment • The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Hazard - Moving rail stock

Knowledge and understanding

Hazard	Learning outcome
Moving rail stock	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	<p>Understand:</p> <ul style="list-style-type: none">• The considerations for safe and effective access to transport incidents• The hazards associated with approaching incidents involving transport systems• When rendezvous points (RVPs) or strategic holding areas may be required• The legislation relating to displaying appropriate warning beacons at incidents• The equipment used to display appropriate warning beacons• How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none">• Identify suitable access routes and RVPs using SSRI• Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	Understand: <ul style="list-style-type: none">• How the size of the scene and physical geography may affect how a scene survey is completed• Alternative methods of scene survey• The range of information sources that may be available at each type of transport incident• How to gather information from available sources• The considerations when gathering information• How to access and use vehicle data system information Refer to Situational awareness – Incident command training specification

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency Refer to Situational awareness – Incident command training specification



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	Understand: <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents Refer to Specialist advice – Incident command training specification

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	Demonstrate the ability to: <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved Refer to Specialist advice – Incident command training specification



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls – Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none"> • The considerations when positioning safety officers at rail incidents • The delegated responsibilities of a safety officer when working near railways • Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none"> • The appropriate use of PPE in the rail environment • The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Control measure - Maintain safe working distances: Moving rail stock

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Maintain safe working distances: Moving rail stock	Understand: <ul style="list-style-type: none"> • Safe working distances in relation to moving rail stock

Practical application

Control measure element	Learning outcome
Maintain safe working distances: Moving rail stock	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish a safe system of work • Communicate safe working distances to all relevant personnel



Hazard - Complexity of rail infrastructure

Knowledge and understanding

Hazard	Learning outcome
Complexity of rail infrastructure	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none">• The considerations when positioning safety officers at rail incidents• The delegated responsibilities of a safety officer when working near railways• Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none"> • The appropriate use of PPE in the rail environment • The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Control measure - Identify utilities adjacent to rail infrastructure

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify utilities adjacent to rail infrastructure	Understand: <ul style="list-style-type: none"> • The benefits of familiarisation visits to identify railway infrastructure • The specific information a responsible person can provide in relation to rail infrastructure • The significant hazards associated with cable trunking

Practical application

Control measure element	Learning outcome
Identify utilities adjacent to rail infrastructure	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify utilities installed adjacent to railway lines • Communicate utility risk information to all relevant personnel



Hazard - Rail power systems

Knowledge and understanding

Hazard	Learning outcome
Rail power systems	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Understand: <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none">• How the size of the scene and physical geography may affect how a scene survey is completed• Alternative methods of scene survey• The range of information sources that may be available at each type of transport incident• How to gather information from available sources• The considerations when gathering information• How to access and use vehicle data system information <p>Refer to Situational awareness - Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Identify and gather information from a range of sources to gain accurate situational awareness• Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness - Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none">• The importance of gathering information from the appropriate person/authority• How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident• The role of tactical advisers and/or responsible person at each type of transport incident• The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Liaise with responsible persons' to develop an operational plan• Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none">• Cordon size may be set by the incident, the mode of transport or its cargo• The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none">• Establish and monitor cordons, appropriate to the mode of transport• Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls – Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none">• The principles of joint working in the multi-agency environment• The need to establish effective communications with other agencies• Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none"> • The considerations when positioning safety officers at rail incidents • The delegated responsibilities of a safety officer when working near railways • Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none">• The appropriate use of PPE in the rail environment• The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Control measure - Identify all present power systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify all present power systems	Understand: <ul style="list-style-type: none">• How to identify rail power systems• The methods used to stop rail vehicles

Practical application

Control measure element	Learning outcome
Identify all present power systems	Demonstrate the ability to: <ul style="list-style-type: none"> • Gather relevant information regarding power systems • Identify live power supplies and request isolation • Establish appropriate safe systems of work when working near electrical power systems • Communicate relevant hazard, risk and control measure information to all personnel • Work effectively and safely with non-fire service personnel at rail incidents



Control measure - Maintain safe working distance: Overhead line equipment

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Maintaining safe working distances from rail power supplies	Understand: <ul style="list-style-type: none"> • The safe working distance from rail power supplies • Methods of isolating power supplies associated with rail systems • The term 'emergency switch off' • When an 'emergency switch off' is required • The hazards associated with residual current in OLE • Methods to minimise the risks associated with residual current in OLE • The hazards associated with moving casualties in contact with power supplies

Practical application

Control measure element	Learning outcome
Maintain safe working distance: Overhead line equipment OLE	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish appropriate cordons where OLE is present • Establish a tactical plan to rescue casualties in line with service protocols



Hazard - Access to railway infrastructure

Knowledge and understanding

Hazard	Learning outcome
Access to railway infrastructure	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none">• How the size of the scene and physical geography may affect how a scene survey is completed• Alternative methods of scene survey• The range of information sources that may be available at each type of transport incident• How to gather information from available sources• The considerations when gathering information• How to access and use vehicle data system information <p>Refer to Situational awareness - Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Identify and gather information from a range of sources to gain accurate situational awareness• Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness - Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none">• The importance of gathering information from the appropriate person/authority• How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident• The role of tactical advisers and/or responsible person at each type of transport incident• The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Liaise with responsible persons' to develop an operational plan• Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none">• Cordon size may be set by the incident, the mode of transport or its cargo• The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none">• Establish and monitor cordons, appropriate to the mode of transport• Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls – Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none">• The principles of joint working in the multi-agency environment• The need to establish effective communications with other agencies• Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none"> • The considerations when positioning safety officers at rail incidents • The delegated responsibilities of a safety officer when working near railways • Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none">• The appropriate use of PPE in the rail environment• The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Control measure - Identify places of refuge and safety

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify places of refuge and safety	Understand: <ul style="list-style-type: none">• The signage associated with safety and refuge on railways• The provision of safe walking routes near depots, sidings or stations• How to move safely when moving around the rail infrastructure

Practical application

Control measure element	Learning outcome
Identify places of safety and refuge	Demonstrate the ability to: <ul style="list-style-type: none">• Identify and communicate safe working areas to relevant personnel• Establish and communicate safe systems of work to all personnel• Identify and interpret signage information in relation to places of safety and refuge• Communicate signage information to all personnel



Hazard - Track welding powder

Knowledge and understanding

Hazard	Learning outcome
Track welding powder	Understand all associated hazard knowledge



Control measure - Request specialist knowledge from responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Request specialist knowledge from responsible person	Understand: <ul style="list-style-type: none"> • How to identify track welding powder • The specific information a responsible person may provide about track welding powder

Practical application

Control measure element	Learning outcome
Request specialist knowledge from responsible person to mitigate risk	Demonstrate the ability to: <ul style="list-style-type: none"> • Request specialist knowledge information from a responsible person



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls – Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Hazard - Detonators

Knowledge and understanding

Hazard	Learning outcome
Detonators	Understand all associated hazard knowledge



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Hazard - Working within underground rail infrastructure

Knowledge and understanding

Hazard	Learning outcome
Working within underground rail infrastructure	Understand all associated hazard knowledge



Control measure - Site-Specific Risk Information (SSRI): Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Understand: <ul style="list-style-type: none">• The considerations when developing Site-Specific Risk Information for transport systems Refer to Site Specific Risk Information – Operations training specification

Practical application

Control measure element	Learning outcome
Use of Site-Specific Risk Information (SSRI)	Demonstrate the ability to: <ul style="list-style-type: none">• Access and review SSRI to inform a safe and effective tactical plan Refer to Site Specific Risk Information – Operations training specification



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none">• The considerations when positioning safety officers at rail incidents• The delegated responsibilities of a safety officer when working near railways• Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none"> • The appropriate use of PPE in the rail environment • The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Control measure - Gather knowledge of the infrastructure

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Gather knowledge of the infrastructure	Understand: <ul style="list-style-type: none"> • The specific information a responsible person can provide regarding underground rail infrastructure • The facilities associated with underground rail infrastructure • Access, intervention and evacuation strategies

Practical application

Control measure element	Learning outcome
Gather knowledge of the infrastructure	Demonstrate the ability to: <ul style="list-style-type: none"> • Maintain communication with the infrastructure controller to ensure accuracy of relevant information



Control measure - Identify appropriate tactical plan

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify appropriate tactical plan	<p>Understand:</p> <ul style="list-style-type: none"> • The specific hazards associated with underground rail infrastructure • The conditions associated with working in underground structures • Fixed installation and fire suppression systems in underground rail networks • How the responsible person can provide information to support the tactical plan • The operating principles of train operating companies <p>Refer to National Operational Guidance: Fires and Firefighting- Piston effect.</p> <p>Refer to Subsurface, height, structures and confined spaces training specification - Underground structures</p>

Practical application

Control measure element	Learning outcome
Identify appropriate tactical plan	Demonstrate the ability to: <ul style="list-style-type: none"> • Use information to develop and implement a safe and effective tactical plan • Maintain effective communications with the appropriate responsible persons • Assess the impact of firefighting operations on the public



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents



Hazard - On-board train systems

Knowledge and understanding

Hazard	Learning outcome
On-board train systems	Understand all associated hazard knowledge



Control measure - Request specialist knowledge from responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Request specialist knowledge from responsible person	Understand: <ul style="list-style-type: none">• How to identify track welding powder• The specific information a responsible person may provide about track welding powder

Practical application

Control measure element	Learning outcome
Request specialist knowledge from responsible person to mitigate risk	Demonstrate the ability to: <ul style="list-style-type: none">• Request specialist knowledge information from a responsible person



Hazard - Hazardous materials within the construction of rolling stock

Knowledge and understanding

Hazard	Learning outcome
Hazardous materials within the construction of rolling stock	Understand all associated hazard knowledge



Control measure - Request hazardous materials and environmental protection advice

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Request hazardous materials and environmental protection advice	Refer to Hazardous materials and Environmental protection training specifications

Practical application

Control measure element	Learning outcome
Request hazardous materials and environmental protection advice	Demonstrate the ability to: <ul style="list-style-type: none"> • Request information from a responsible person relating to hazardous materials • Request information from a responsible person relating to environmental protection advice • Access appropriate information from on-site sources



Hazard - Incidents on or near to railway crossings

Knowledge and understanding

Hazard	Learning outcome
Incidents on or near to railway crossings	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk Information (SSRI) and emergency response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards - Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Understand: <ul style="list-style-type: none">• The considerations for safe and effective access to transport incidents• The hazards associated with approaching incidents involving transport systems• When rendezvous points (RVPs) or strategic holding areas may be required• The legislation relating to displaying appropriate warning beacons at incidents• The equipment used to display appropriate warning beacons• How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
Make a safe and controlled approach to the incident	Demonstrate the ability to: <ul style="list-style-type: none">• Identify suitable access routes and RVPs using SSRI• Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



Control measure - Establish proportionate control over the railway

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard - Rail transport incidents

Practical application

Control measure element	Learning outcome
Establish proportionate control over the railway	Refer to Hazard – Rail transport incidents



Control measure - Appoint safety officers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint safety officers	Understand: <ul style="list-style-type: none">• The considerations when positioning safety officers at rail incidents• The delegated responsibilities of a safety officer when working near railways• Methods of signalling to stop or slow trains Refer to Incident ground safety management - Incident command training specification

Practical application

Control measure element	Learning outcome
Appoint safety officers	Refer to Incident ground safety management - Incident command training specification



Control measure - Personal protective equipment (PPE): Rail

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Understand: <ul style="list-style-type: none"> • The appropriate use of PPE in the rail environment • The arrangements for wearing high visibility clothing with train operating companies Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment (PPE): Rail	Refer to Personal protective equipment (PPE) – Operations training specification



Road



Hazard - Road transport incidents

Knowledge and understanding

Hazard	Learning outcome
Road transport incidents	Understand all associated hazard knowledge



Control measure - Produce Site-Specific Risk

response plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents

Practical application

Control measure element	Learning outcome
Produce Site-Specific Risk Information (SSRI) and emergency response plans	Refer to All transport hazards – Transport incidents



Control measure - Make a safe and controlled approach to the incident

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Understand:</p> <ul style="list-style-type: none"> • The considerations for safe and effective access to transport incidents • The hazards associated with approaching incidents involving transport systems • When rendezvous points (RVPs) or strategic holding areas may be required • The legislation relating to displaying appropriate warning beacons at incidents • The equipment used to display appropriate warning beacons • How to interpret location markers for different incident types

Practical application

Control measure element	Learning outcome
<p>Make a safe and controlled approach to the incident</p>	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify suitable access routes and RVPs using SSRI • Communicate incident access point(s) and RVP information to other emergency responders



Control measure - Situational awareness: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Situational awareness: Transport	<p>Understand:</p> <ul style="list-style-type: none"> • How the size of the scene and physical geography may affect how a scene survey is completed • Alternative methods of scene survey • The range of information sources that may be available at each type of transport incident • How to gather information from available sources • The considerations when gathering information • How to access and use vehicle data system information <p>Refer to Situational awareness – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Situational awareness: Transport	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify and gather information from a range of sources to gain accurate situational awareness • Communicate appropriate information to the relevant people/agency <p>Refer to Situational awareness – Incident command training specification</p>



Control measure - Use tactical advisers and responsible person

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none"> • The importance of gathering information from the appropriate person/authority • How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident • The role of tactical advisers and/or responsible person at each type of transport incident • The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Liaise with responsible persons' to develop an operational plan • Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Establish appropriate cordons: Transport

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Understand: <ul style="list-style-type: none"> • Cordon size may be set by the incident, the mode of transport or its cargo • The considerations when establishing cordons at each type of transport incident Refer to Establish appropriate cordon controls - Incident command training specification

Practical application

Control measure element	Learning outcome
Establish appropriate cordons: Transport	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish and monitor cordons, appropriate to the mode of transport • Restrict, record and manage access/egress to scene of operations Refer to Establish appropriate cordon controls - Incident command training specification



Control measure - Ensure effective multi-agency working

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Ensure effective multi-agency working	Understand: <ul style="list-style-type: none"> • The principles of joint working in the multi-agency environment • The need to establish effective communications with other agencies • Methods of sharing information with other agencies Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification

Practical application

Control measure element	Learning outcome
Ensure effective multi agency working	Refer to Clearly defined command roles and responsibilities incorporating multi-agency arrangements – Incident command training specification



**Hazard -
Moving vehicles: Roadways**

Knowledge and understanding

Hazard	Learning outcome
Moving vehicles: Roadways	Understand all associated hazard knowledge



**Control measure -
Cordons: Moving vehicles on roadways**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Cordons: Moving vehicles on roadways	Understand: <ul style="list-style-type: none">• Appropriate positions for cordon placement on roadways• Appropriate use of fire and rescue service vehicles to provide shielding for personnel at incidents involving moving vehicles on roadways• The use of safe systems of work to manage other road users at incidents involving moving vehicles on roadways• The use of warning signs, lights and cones at incidents involving moving vehicles on roadways• The role of safety officers at incidents involving moving vehicles on roadways

Practical application

Control measure element	Learning outcome
Cordons: Moving vehicles on roadways	Demonstrate the ability to: <ul style="list-style-type: none">• Work with relevant agencies to establish cordons on roadways• Establish and monitor appropriate inner and outer cordons based on the position of the incident, the road type and speed of traffic• Use safe systems of work to protect people and resources on various roadways• Make best use of fire and rescue service vehicles and equipment to warn and fend off moving vehicles



Control measure - Control vehicle movements: Roadways

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Control vehicle movements: Roadways	Understand: <ul style="list-style-type: none">• Which agencies can assist with closing roads or establishing traffic management systems• The applicable legislation and methods available to close roads or establish traffic management systems• The considerations for closing roads or establishing traffic management systems

Practical application

Control measure element	Learning outcome
Control vehicle movements	Demonstrate the ability to: <ul style="list-style-type: none">• Identify and request assistance from the appropriate agency to close roads or establish a traffic management system• Implement, monitor and maintain traffic management arrangements• Effectively use safety officers to monitor personnel working on roadways• Perform the role of safety officer in order to control vehicle movements on roadways



Control measure - Personal protective equipment: Roadways

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Personal protective equipment: Roadways	Understand: <ul style="list-style-type: none"> The correct use and conforming standards for high-visibility PPE Refer to Personal protective equipment (PPE) – Operations training specification

Practical application

Control measure element	Learning outcome
Personal protective equipment: Roadways	Demonstrate the ability to: <ul style="list-style-type: none"> Select and wear the appropriate level of PPE when working on roadways Refer to Personal protective equipment (PPE) – Operations training specification



Hazard - Operating on SMART and all lane running (ALR) motorways

Knowledge and understanding

Hazard	Learning outcome
Operating on SMART and all lane running (ALR) motorways	Understand all associated hazard knowledge



Control measure - Use agreed operating procedures

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use agreed operating procedure	Understand: <ul style="list-style-type: none">• The procedures associated with SMART and all lane running (ALR) motorways and their potential impact on fire and rescue service operations• Standard reverse access• Dynamic reverse access

Practical application

Control measure element	Learning outcome
Use agreed operating procedure	Demonstrate the ability to: <ul style="list-style-type: none">• Work effectively and safely with people and vehicles when access to a roadway is affected• Clearly communicate traffic information with others• Apply agreed contingency mobilising procedures when access to a roadway is restricted



Hazard - Deformation of crash barriers

Knowledge and understanding

Hazard	Learning outcome
Deformation of crash barriers	Understand all associated hazard knowledge



Control measure - Make safe any affected barriers

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Makes safe affected barriers	Understand: <ul style="list-style-type: none">• The types of crash barrier in use• The process required to make a crash barrier safe• The importance of seeking specialist advice to ensure associated hazards are managed appropriately• The hazards of a compromised steel wire rope crash barrier under tension• The hazards associated with a vehicle that has come to rest on a crash barrier

Practical application

Control measure element	Learning outcome
Makes safe affected barriers	Demonstrate the ability to: <ul style="list-style-type: none">• Apply appropriate safe systems of work to mitigate the hazards of an affected crash barrier• Communicate crash barrier information to the appropriate department/authority



Hazard - Objects involved in a collision

Knowledge and understanding

Hazard	Learning outcome
Objects involved in a collision	Understand all associated hazard knowledge



Control measure - Identify the direction of movement of the objects involved in a collision

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify the direction of movement of the objects involved in a collision	Understand: <ul style="list-style-type: none">• The term 'street furniture'• How topography may affect the stability of an object involved in a collision• The procedures to be adopted when street furniture may affect operations at a road traffic incident

Practical application

Control measure element	Learning outcome
Identify the direction of movement of the objects involved in a collision	Demonstrate the ability to: <ul style="list-style-type: none">• Assess the impact of a vehicle collision on street furniture• Communicate relative collision information to others• Adopt safe systems of work in situations when vehicles have not yet been stabilised



Control measure - Relocate the object(s) in a

controlled manner

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Relocate the object(s) in a controlled manner	Understand: <ul style="list-style-type: none">• The considerations when relocating objects at a road traffic incident• The additional considerations when objects are in contact with a vehicle involved in a road traffic incident• When specialist resources or advice may be required to assist in isolating or removing objects involved in collision

Practical application

Control measure element	Learning outcome
Relocate the object(s) in a controlled manner	Demonstrate the ability to: <ul style="list-style-type: none">• Work effectively with others to make the scene safe• Select the appropriate safe systems of work to relocate objects in a controlled manner• Identify areas of safety where objects can be relocated



Hazard - Affected vehicle contents

Knowledge and understanding

Hazard	Learning outcome
Affected vehicle contents	Understand all associated hazard knowledge



Control measure - Identify the direction of movement

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify the direction of movement	Understand: <ul style="list-style-type: none">• The importance of determining a vehicles direction of movement at a road traffic incident• The hazards that may be present when vehicle contents have shifted in a road traffic incident• How to assess the potential movement of vehicle contents and their effect on vehicle stability

Practical application

Control measure element	Learning outcome
Identify the direction of movement	Demonstrate the ability to: <ul style="list-style-type: none">• Identify unstable loads associated with vehicle contents• Communicate hazard information to relevant personnel• Adopt safe systems of work in situations when vehicles have not yet been stabilised



Control measure - Assess stability

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Assess stability	Understand: <ul style="list-style-type: none">• How to assess the stability of a craft or vehicle• How insecure loads and affected infrastructure affect stability• How operational activity affects stability of a craft/vehicle

Practical application

Control measure element	Learning outcome
Assess stability	Demonstrate the ability to: <ul style="list-style-type: none">• Identify and assess the stability of craft or vehicles and affected infrastructure• Establish appropriate cordons considering how an unstable vehicle may move• Communicate hazard and risk information to emergency responders



Control measure - Stabilise the vehicle contents

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Stabilise the vehicle contents	Understand: <ul style="list-style-type: none">• How the contents of a vehicle may impact its stability• Methods of stabilising a vehicles contents Refer to Hazard – Unstable mode of transport - Assess stability, and Stabilise the mode of transport

Practical application

Control measure element	Learning outcome
Stabilise the vehicle contents	Demonstrate the ability to: <ul style="list-style-type: none">• Identify and communicate vehicle content information to relevant personnel Refer to Hazard – Unstable mode of transport - Assess stability, and Stabilise the mode of transport



Control measure - Empty the vehicle load to a safe place

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Empty the vehicle load to a safe place	Understand: <ul style="list-style-type: none">• The importance of maintaining safe systems of work to mitigate the hazards from vehicle contents• The procedures to be adopted should contents require removal from a vehicle• The need to assess stability as items are removed from a vehicle

Practical application

Control measure element	Learning outcome
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Control measure element	Learning outcome
Empty the vehicle load to a safe place	Demonstrate the ability to: <ul style="list-style-type: none"> • Work effectively and safely with all people at roadway incidents • Adopt safe systems of work to stabilise a vehicle involved in a roadway incident • Plan, evaluate and monitor places of safety when moving a vehicles contents



Control measure - Identify an effective method of entry

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify an effective method of entry	Understand: <ul style="list-style-type: none"> • How a collision will affect vehicle contents • The procedures for gaining access to a vehicle whilst considering its contents • The process to be adopted should specialist resources be required to assist at a road traffic incident

Practical application

Control measure element	Learning outcome
Identify an effective method of entry	Demonstrate the ability to: <ul style="list-style-type: none"> • Assess a vehicles contents, involved in a roadway incident prior to entry • Establish appropriate techniques to stabilise and gain entry to a vehicle



Hazard - Alternative fuel vehicles (AFV)

Knowledge and understanding

Hazard	Learning outcome
Alternative fuel vehicles (AFV)	Understand all associated hazard knowledge



Control measure - Identify alternative fuel vehicles

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify alternative fuel vehicles	Understand: <ul style="list-style-type: none">• The sources of information that will assist when identifying alternative fuel vehicles

Practical application

Control measure element	Learning outcome
Identify alternative fuel vehicles	Demonstrate the ability to: <ul style="list-style-type: none">• Use the available information to identify alternative fuel vehicles• Mark or communicate the presence of alternative fuel vehicles



Control measure - Immobilise alternative fuel vehicles

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Immobilise alternative fuel vehicles	Understand: <ul style="list-style-type: none">• Why it may be necessary to take additional steps to immobilise alternative fuel vehicles• What information should be gathered when working near alternative fuel vehicles• How to immobilise alternative fuel vehicles

Practical application

Control measure element	Learning outcome
Immobilise alternative fuel vehicles	Demonstrate the ability to <ul style="list-style-type: none">• Immobilise and make safe different types of alternative fuel vehicles• Access manufacturer's guidance to immobilise alternative fuel vehicles



Control measure - Isolate high-voltage systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Isolate high-voltage systems	Understand: <ul style="list-style-type: none">• Why it is necessary to isolate high voltage systems used in alternative fuel vehicles• Methods of isolating high voltage systems used in alternative fuel vehicles• The affect of residual charge in high voltage systems used in alternative fuel vehicles

Practical application

Control measure element	Learning outcome
Isolate high-voltage systems	Demonstrate the ability to <ul style="list-style-type: none">• Identify high voltage isolation points used in alternative fuel vehicles• Isolate high voltage systems in alternative fuel vehicles• Power down the alternative fuel vehicles using the manufactures guidance



Control measure - Stabilise and access alternative fuel vehicles

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
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Control measure element	Learning outcome
Appropriate stabilisation and methods of accessing alternative fuel vehicles (AFV)	Understand: <ul style="list-style-type: none"> • Why conventional techniques may be inappropriate for stabilising or accessing alternative fuel vehicles • The techniques used to stabilise and access alternative fuel vehicles

Practical application

Control measure element	Learning outcome
Appropriate stabilisation and methods of accessing alternative fuel vehicles (AFV)	Demonstrate the ability to: <ul style="list-style-type: none"> • Stabilise and access alternative fuel vehicles considering fuel lines and high-voltage cables



**Hazard -
Unconventional or specialist road
vehicles**

Knowledge and understanding

Hazard	Learning outcome
Unconventional or specialist road vehicles	Understand all associated hazard knowledge



**Control measure -
Use tactical advisers and
responsible person**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Understand:</p> <ul style="list-style-type: none">• The importance of gathering information from the appropriate person/authority• How to evaluate the accurate and relevant information a responsible person or agency may provide at a transport incident• The role of tactical advisers and/or responsible person at each type of transport incident• The role of other agencies and associated attending officers at incidents <p>Refer to Specialist advice – Incident command training specification</p>

Practical application

Control measure element	Learning outcome
Use tactical advisers and responsible person	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none">• Liaise with responsible persons' to develop an operational plan• Request and liaise with a tactical adviser relative to the mode of transport involved <p>Refer to Specialist advice – Incident command training specification</p>



Control measure - Contain the vehicle cargo

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Contain the vehicle cargo	Understand: <ul style="list-style-type: none"> • The arrangements that can be made to manage a vehicles cargo when involved in a road traffic incident Refer to Hazard – Affected vehicle contents – Working with road vehicles

Practical application

Control measure element	Learning outcome
Contain the vehicle cargo	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify and contain vehicle contents appropriately Refer to Hazard – Affected vehicle contents – Working with road vehicles



Control measure - Identify and isolate electrical and fuel systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify and isolate electrical and fuel systems	Understand: <ul style="list-style-type: none"> • The difficulties that may be associated with identifying and accessing fuel and electrical systems in unconventional vehicle's • Methods to identify electrical and fuel systems in unconventional vehicles Refer to Hazard – Fuel and electrical systems – All transport hazards

Practical application

Control measure element	Learning outcome
Identify and isolate electrical and fuel systems	Refer to Hazard – Fuel and electrical systems – All transport hazards



Control measure - Use specialist cutting equipment

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use specialist cutting equipment	Understand: <ul style="list-style-type: none"> • The construction techniques of specialist vehicles • The difficulties associated with gaining access to unconventional and specialist road vehicles • The importance of requesting additional resources in a timely manner • The use of tools and equipment for unconventional and specialist vehicles

Practical application

Control measure element	Learning outcome
Use specialist cutting equipment	Demonstrate the ability to: <ul style="list-style-type: none"> • Request specialist rescue tools and equipment • Use specialist tools and equipment on unconventional or specialist vehicles



Hazard - Vehicle safety systems

Knowledge and understanding

Hazard	Learning outcome
Vehicle safety systems	Understand all associated hazard knowledge



Control measure - Identify the vehicle safety systems and communicate the information

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Identify the vehicle safety systems and communicate the information	Understand: <ul style="list-style-type: none">• The types and use of vehicle safety systems• How to identify the presence of vehicle safety systems

Practical application

Control measure element	Learning outcome
Identify the vehicle safety systems and communicate the information	Demonstrate the ability to: <ul style="list-style-type: none">• Use appropriate methods to identify vehicle safety systems in vehicles• Communicate information about vehicle safety systems to relevant people



Control measure - Establish an appropriate safe

distance for vehicle safety systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Establish an appropriate safe distance for vehicle safety systems (SRS)	Understand: <ul style="list-style-type: none">• How different vehicle safety systems deploy and their associated hazards• The appropriate safe working distance for vehicle safety systems• The hazard of placing unsecured objects near vehicle safety systems (SRS)• The procedures to be adopted at incidents for vehicle safety systems• The importance of establishing and maintaining effective communication with personnel in relation to vehicle safety systems

Practical application

Control measure element	Learning outcome
Establish an appropriate safe distance for vehicle safety systems	Demonstrate the ability to: <ul style="list-style-type: none">• Operate at a safe working distance from vehicle safety systems• Clearly communicate information with others about safe working distances for identified vehicle safety systems• Control the use of radios within the vicinity of vehicle safety systems



Control measure - Isolate vehicle safety systems

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Isolate vehicle safety systems	Understand: <ul style="list-style-type: none">• The situations when a vehicle safety system should be isolated• The hazards associated with isolation of vehicle safety systems• The methods used to isolate vehicle safety systems• The importance of not delaying a rescue unnecessarily when a vehicle safety system is armed and the procedures to be adopted

Practical application

Control measure element	Learning outcome
Isolate vehicle safety systems	Demonstrate the ability to: <ul style="list-style-type: none">• Safely and effectively isolate vehicle safety systems• Use appropriate equipment and/or safe systems of work when vehicle safety systems cannot be isolated



Control measure - Avoid manipulating or damaging vehicle safety systems

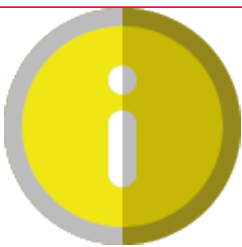
TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Avoid manipulating or damaging vehicle safety systems	Understand: <ul style="list-style-type: none">• The procedures to be adopted to limit damage when revealing the location of vehicle safety systems• How to safely manage vehicle safety systems and component parts that may have to be removed from a vehicle• The control measures required when removing vehicle safety systems

Practical application

Control measure element	Learning outcome
Avoid manipulating or damaging vehicle safety systems	Demonstrate the ability to: <ul style="list-style-type: none">• Adopt a safe system of work that avoid manipulating or damaging vehicle safety systems



Waterways



Hazard - Bodies of water: Transport

Knowledge and understanding

Hazard	Learning outcome
Bodies of water: Transport	Understand all associated hazard knowledge



Control measure - Develop knowledge of operating systems and terminology

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Develop knowledge of operating systems and terminology	Understand: <ul style="list-style-type: none"> • The terminology associated with inland waterways • The use of operating systems associated with inland waterways • The use of structures associated with inland waterways

Practical application

There is no Practical application



Control measure - Specialist advice: Waterways

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Specialist advice: Waterways	Understand: <ul style="list-style-type: none"> • The information a responsible person or agency may provide at a water transport incident • Arrangements for obtaining waterways information

Practical application

Control measure element	Learning outcome
Obtain specialist advice to support command decisions	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify and evaluate specialist advice from a variety of reliable sources



**Hazard -
Construction of vessels**

Knowledge and understanding

Hazard	Learning outcome
Construction of vessels	Understand all associated hazard knowledge



**Control measure -
Be familiar with vessels**

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Be familiar with vessels	Understand: <ul style="list-style-type: none"> • The benefits of familiarisation visits to establish hazards and procedures on vessels • The common features of vessels • The terminology associated with vessels • Ships emergency procedures

Practical application

Control measure element	Learning outcome
Be familiar with vessels	Demonstrate the ability to: <ul style="list-style-type: none"> • Identify the key areas of a vessel • Liaise with specialist personnel to gather vessel layout information • Communicate relevant vessel layout information with others • Use appropriate specialist equipment



Control measure - Use ship fire control plans

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Use ship fire control plans	Understand: <ul style="list-style-type: none"> • The information contained within a ship fire control plan • How to access and evaluate a ship fire control plan • How to exchange information with the ship's master whilst utilising ship fire control plans • The need to consult the ship's master when developing a tactical plan

Practical application

Control measure element	Learning outcome
Use ship fire control plans to identify areas of tactical importance	Demonstrate the ability to: <ul style="list-style-type: none">• Access and evaluate a vessel's fire control plan• Agree and implement any tactical plan with the ship's master/responsible person• Communicate relevant information to the appropriate personnel



Hazard - Unstable vessel

Knowledge and understanding

Hazard	Learning outcome
Unstable vessel	Understand all associated hazard knowledge



Control measure - Appoint a stability liaison officer

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Appoint a stability liaison officer	<p>Understand:</p> <ul style="list-style-type: none"> • The causes, signs and symptoms of vessel instability • The need for early intervention and application of corrective stability measures • The role of the responsible person when evaluating a vessels stability • The information relevant to a vessel's stability • The role of a stability officer • The information available from ship classification societies and how to access it • How to use available equipment to remove water from a vessel

Practical application

Control measure element	Learning outcome
Appoint a stability liaison officer	<p>Demonstrate the ability to:</p> <ul style="list-style-type: none"> • Establish contact with the responsible person on matters relating to a vessels stability • Monitor the effects of operational activities on vessel stability • Communicate relevant information to specialist advisers to allow an accurate assessment of a vessel's stability



Control measure - Minimise free surface effect

TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Minimise free surface effect	Understand: <ul style="list-style-type: none"> • The causes of free surface effect • How the free surface effect impacts on the stability of a vessel • How to identify and control the free surface effect

Practical application

Control measure element	Learning outcome
Minimise free surface effect	Demonstrate the ability to: <ul style="list-style-type: none"> • Establish safe control and effective management to minimise the free surface effect on a vessel • Use equipment to remove water from a vessel