

# Syllabus Report (SYL)

## CorePass® Flood Worker Safety



7012:2023

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<b>IQF Level</b>	2	<b>IQF Credit</b>	1
<b>Approved References</b>	RiverSafe by Water Safety New Zealand   Swiftwater Rescue by Slim Ray   The Essential Technical Rescue Field Operations Guide by Tom Pendley   RAPID Flood Safety by Ministry of Civil Defence & Emergency Management   River Safety DVD by New Zealand Mountain Safety Council		
<b>Special Notes</b>	This certification does not meet awareness level requirements under DEFRA Flood Rescue ConOps or NFPA 1006.		

### Demonstrate knowledge of flood worker safety management 701223D1

<b>Performance</b>	Describe a range of hazards associated with working near or in flood water and outline hazard controls to mitigate these.
<b>Standards</b>	At least 5 hazards are identified and strategies to control these are described.
<b>Conditions</b>	From generic or specific scenarios (such as video case study or images).
<b>Comments</b>	

### Demonstrate knowledge of vehicle safety around water 701223D2

<b>Performance</b>	Outline why driving vehicles in flood water is dangerous and recall the steps to escape a sinking vehicle in flood water.
<b>Standards</b>	
<b>Conditions</b>	
<b>Comments</b>	Escape must be consistent with Seatbelts, Windows, Children, Out algorithm.

### Identify hydrological features pertaining to flood safety 701223D3

<b>Performance</b>	Match image and description of hydrological features pertaining to flood safety
<b>Standards</b>	In accordance with approved references.
<b>Conditions</b>	Given range of visual images.
<b>Comments</b>	Range: river left, river right, upstream V, downstream V, eddy, eddy fence, rapids, cushion (buffer) wave, undercut, strainer, hole/hydraulic, vortices.

### Select, don, operate and doff flood safety personal protective equipment 701223D4

<b>Performance</b>	Select appropriately sized PFD and helmet for flood safety.
<b>Standards</b>	Appropriate PPE size is selected and donned within 60 seconds, then used in water environment to carry out task.
<b>Conditions</b>	Given a range of helmets and PFDs and access to Class 0-I flow.
<b>Comments</b>	Candidate must ensure a buddy check is conducted prior to water entry.

<b>Prepare, throw, receive and reset throw-bag for water rescue</b>	<b>701223D5</b>
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Performance	Prepare, throw, receive and reset throw-bag for water rescue.
Standards	Throw twice in 20 seconds, within 8-10m of shore.
Conditions	Using water rescue throwbag with floating line.
Comments	No time limit to reset/re-stuff throwbag, but must be free of bunches/tangles.

<b>Perform shallow water crossing using solo and group methods</b>	<b>701223D6</b>
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Performance	Perform shallow water crossing using solo and group methods.
Standards	In accordance with approved references.
Conditions	In Class I flow.
Comments	

<b>Demonstrate swimming and maneuvering (Class 0-I )</b>	<b>701223D7</b>
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Performance	Demonstrate defensive swim, aggressive swim, self-rescue.
Standards	In accordance with approved references
Conditions	In Class 0-I flow, while wearing PPE.
Comments	