

Work at Height 'Scaffolding' Rescue Drills Report No.3

Explanatory Note	<p>The purpose of 'Work at Height Scaffolding Rescue Drills' is to give the attendees knowledge and skills to effectively plan and facility rescue and recovery either by</p> <ul style="list-style-type: none"> ➤ Self-rescue. ➤ Assisted self-rescue ➤ Assisted rescue <p>of a scaffolder suspended by Personal Fall Protection Equipment (PFPE).</p>
Rescue Drill Techniques	<ul style="list-style-type: none"> ➤ Rescue without specialist rescue equipment – self rescue ➤ Use of access equipment for rescue – scaffold members ➤ Fully-assisted rescue for scaffolders suspended in free-space - Fall arrestor rescue lifting device
Rescue Drill Equipment	<ul style="list-style-type: none"> ➤ Suspension trauma leg straps ➤ Scaffold standards and fittings ➤ Fall arrestor rescue lifting device
Reference Documents	AB Access Scaffolding, Work at Height Rescue Procedure, pages 1 to 6
Reference Documents	General Scaffolding operations method statement and as required task specific scaffolding operations

WAH RESCUE 'SCAFFOLDING' - DRILL REPORT No. 3	
Type of Drill?	WAH rescue drill including <ol style="list-style-type: none"> 1. Full self Rescue 2. Assisted self rescue with scaffold components 3. Assisted Rescue with retractable fall arrestor lifting device
Date of Drill?	31/10/2019
Site?	IDL Midleton
Location of Drill?	Gallery floor of BCSH, roofing scaffold utilised for drills.
Team Members	Jamie Sullivan (top-man), Kevin Mullins, Darren O'Connor
Time from suspension in harness to standing in leg straps?	Kevin Mullins: 30 Seconds – IMAGES INCLUDED AT REAR
	Darren O'Connor: 30 Seconds – IMAGES INCLUDED AT REAR
Time from being in standing in leg straps to full self rescue and standing on scaffold deck	Kevin Mullins: 16 Seconds – IMAGES INCLUDED AT REAR
	Darren O'Connor: 10 Seconds – IMAGES INCLUDED AT REAR
Time to fit scaffold fittings and scaffold standard and fall victim climbing standard to scaffold deck	Kevin Mullins: 40 seconds – IMAGES INCLUDED AT REAR
	Darren O'Connor: 40 Seconds – IMAGES INCLUDED AT REAR
Time to fit retractable fall arrestor lifting device and fall victim to be raised or lowered	Kevin Mullins: 50 seconds to connect fall victim and firstly raise to safety and then lower to safety – IMAGES INCLUDED AT REAR
	Darren O'Connor: 55 seconds to connect fall victim and firstly raise to safety and then lower to safety – IMAGES INCLUDED AT REAR

Evaluation of drill	Overall the drill was successful and beneficial, speeds are increasing due to watching work colleagues practice. For one of the fall victims (Darren) it was his first time being suspended in a harness and provides a better perception of potential feeling and sensation or lack there of.
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Problems/issues encountered during drill, general comments about the drill	
<ol style="list-style-type: none"> 1. Gloves make it harder to tie leg straps together 2. All personnel should become more familiar with the working of all equipment including emergency equipment. 3. Both fall victims found it more comfortable with two legs in straps. 4. Definitely would seem an advantage that scaffolders wear mini blocks as it reduces the potential fall distance (can react within 100mm). 5. Stress, adrenalin, specific work scenarios and equipment (large inertia reels) need to be all considered for WAH and particularly rescue. 6. If not already complete ALL scaffolders should be provided with leg straps and full consideration to the type of lanyard is in use i.e. mini block, restraint lanyard etc. 7. ALL employees should drill and be familiar with WAH procedures and equipment 	
Name of Person completing Report: Jimmy Savage	

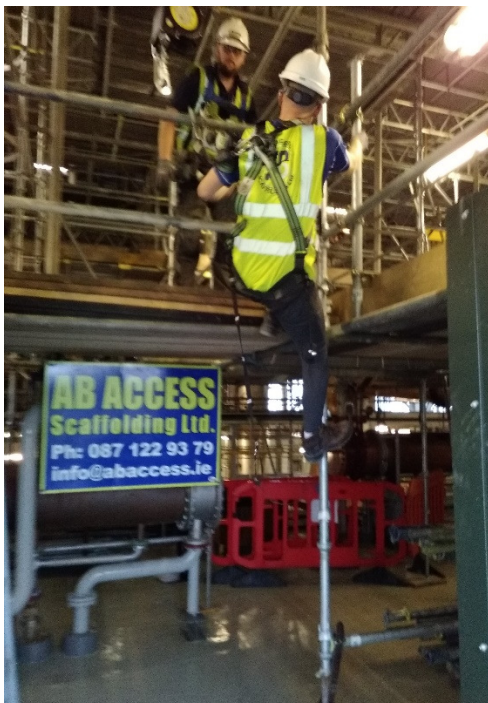
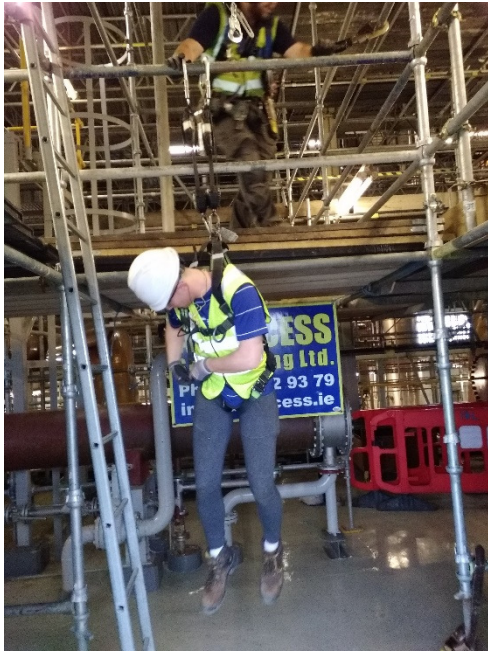
Kevin Mullins: Time from suspension in harness to standing in leg straps: 30 seconds + 16 seconds to full self rescue and standing on scaffold deck

Self Rescue: Refer to point 3 of page 2 of 6 of AB Access WAH Rescue procedure



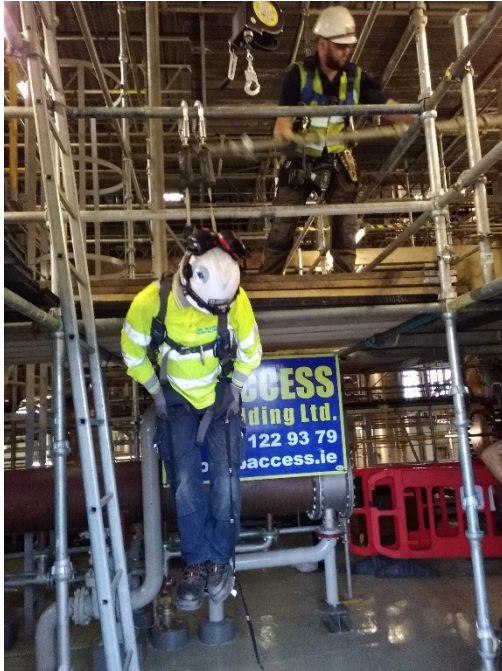
Darren O'Connor: Time from suspension in harness to standing in leg straps: 30 seconds + 10 seconds to full self rescue and standing on scaffold deck

Self Rescue: Refer to point 3 of page 2 of 6 of AB Access WAH Rescue procedure



Kevin Mullins: Time to fit 'scaffold fittings and scaffold standard' and fall victim climbing standard to scaffold deck: 40 seconds

Assisted Self Rescue: Refer to page 3 of 6 of AB Access WAH Rescue procedure



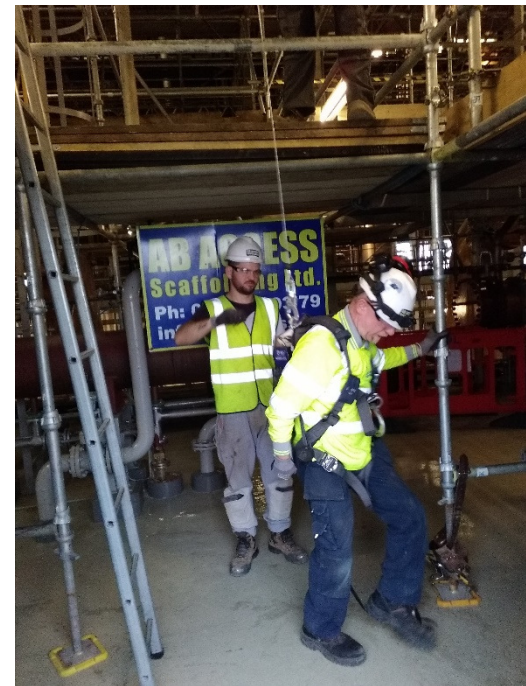
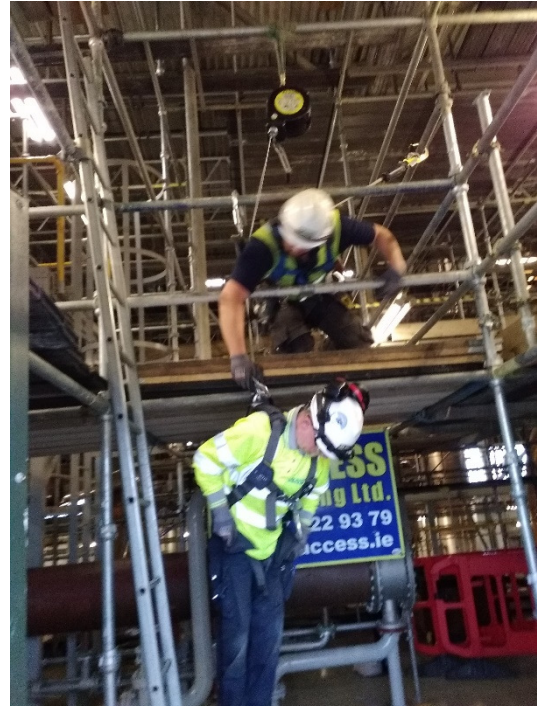
Darren O'Connor: Time to fit 'scaffold fittings and scaffold standard' and fall victim climbing standard to scaffold deck: 40 seconds

Assisted Self Rescue: Refer to page 3 of 6 of AB Access WAH Rescue procedure



Kevin Mullins: Time to fit 'retractable fall arrestor lifting device' and fall victim to be raised and then lowered to safety: 50 seconds

Assisted Rescue: Refer to page 4 of 6 of AB Access WAH Rescue procedure



Darren O'Connor: Time to fit 'retractable fall arrestor lifting device' and fall victim to be raised and then lowered to safety: 55 seconds

Assisted Rescue: Refer to page 4 of 6 of AB Access WAH Rescue procedure

