

Work at Height ‘Scaffolding’ Rescue Drills Report No.2

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. 2

Type of Drill?	WAH rescue drill including 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	Danny O'Keeffe (top-man), Dylan Fitzgerald, Tadgh Kelly
Time from suspension in harness to standing in leg straps?	Tadgh Kelly: 35 Seconds – IMAGES INCLUDED AT REAR
	Dylan Fitzgerald: 17 Seconds – IMAGES INCLUDED AT REAR
Time from being in standing in leg straps to full self rescue and standing on scaffold deck	Tadgh Kelly 15 Seconds – IMAGES INCLUDED AT REAR
	Dylan Fitzgerald: 10 Seconds – IMAGES INCLUDED AT REAR
Time to fit scaffold fittings and scaffold standard and fall victim climbing standard to scaffold deck	Tadgh Kelly 47 seconds – IMAGES INCLUDED AT REAR
	Dylan Fitzgerald: 35 Seconds – IMAGES INCLUDED AT REAR
Time to fit retractable fall arrestor lifting device and fall victim to be raised or lowered	Tadgh Kelly: 1 minute and 38 seconds to connect fall victim and firstly raise to safety and then lower to safety – IMAGES INCLUDED AT REAR
	Dylan Fitzgerald: 1 minute and 16 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. For one of the fall victims (Tadgh) 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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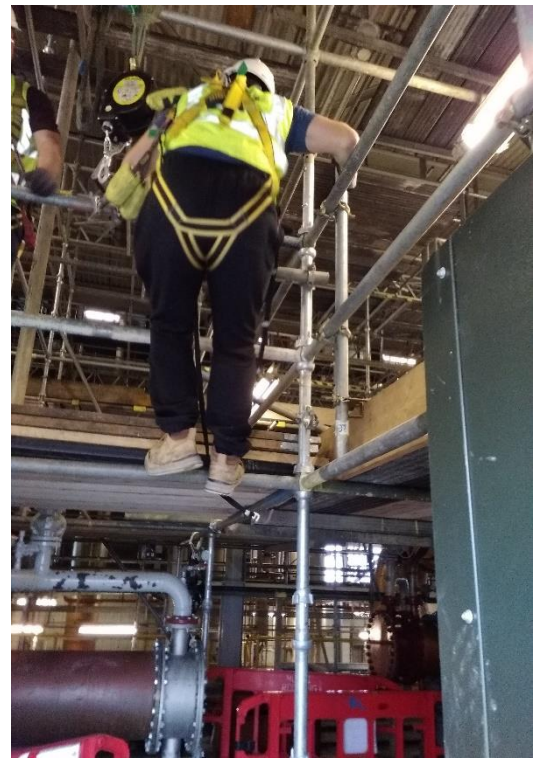
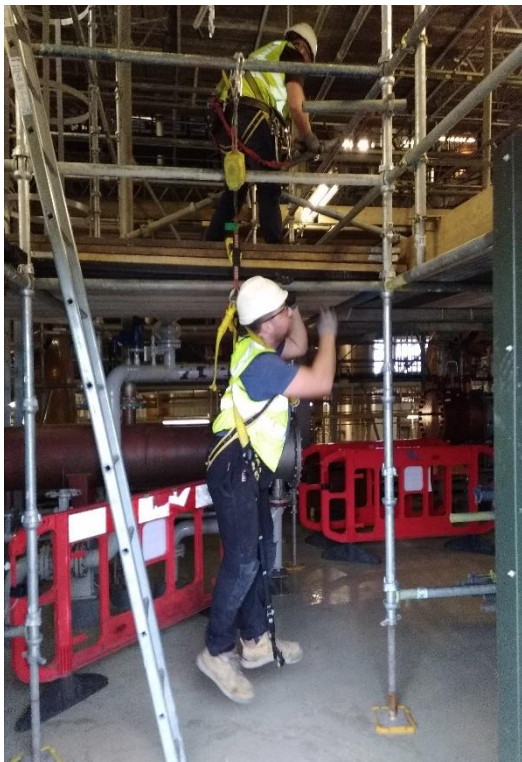
Problems/issues encountered during drill, general comments about the drill

1. Scaffold standard for assistaed rescue placed upside down at first but quickly rectified
2. All personel should be come more familiar with the working of all equipment including emergency equipment.
3. Fall victims found it more comfortable with one or two legs in the leg straps.
4. Definalty 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 considred for WAH and particulary 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, restarint lanyard etc.
7. ALL employees should drill and be familier with WAH proceduers and equipment

Name of Person completing Report: Jimmy Savage

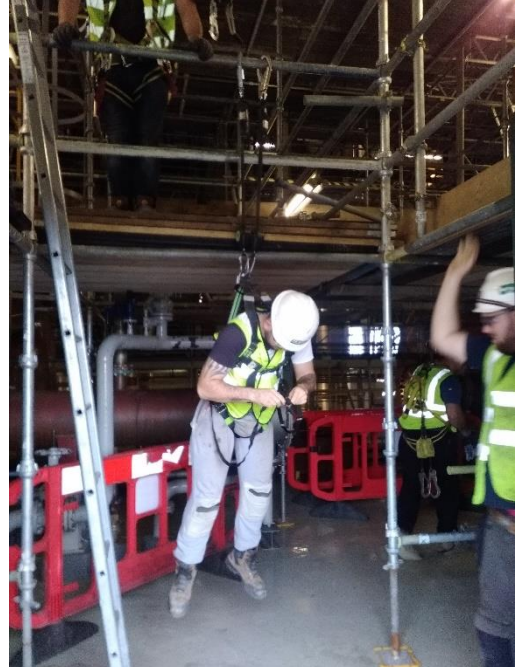
Tadhg Kelly: Time from suspension in harness to standing in leg straps: 35 seconds + 10 seconds to full self rescue and standing on scaffold deck

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



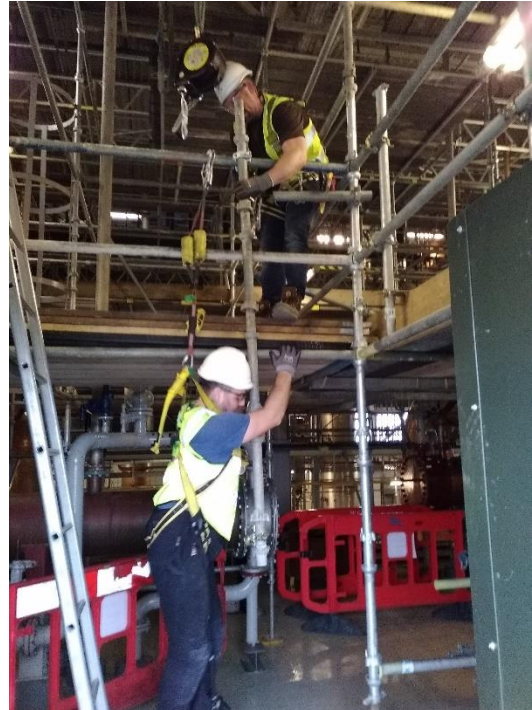
Dylan Fitzgerald: Time from suspension in harness to standing in leg straps: 17 seconds + 10 seconds to full self rescue and standing on scaffold deck

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



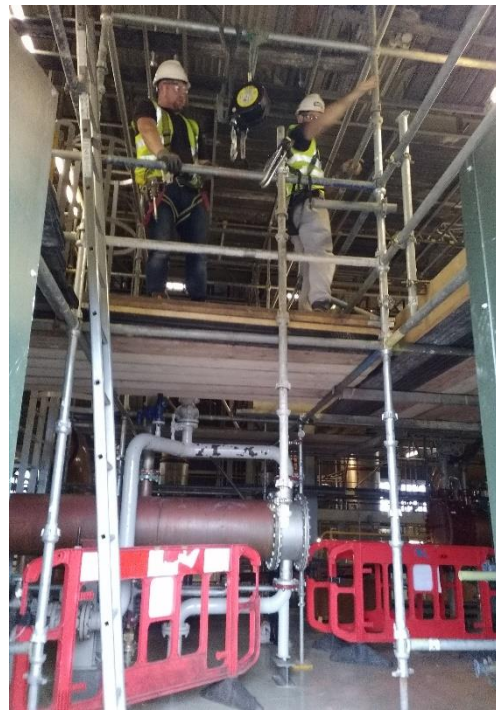
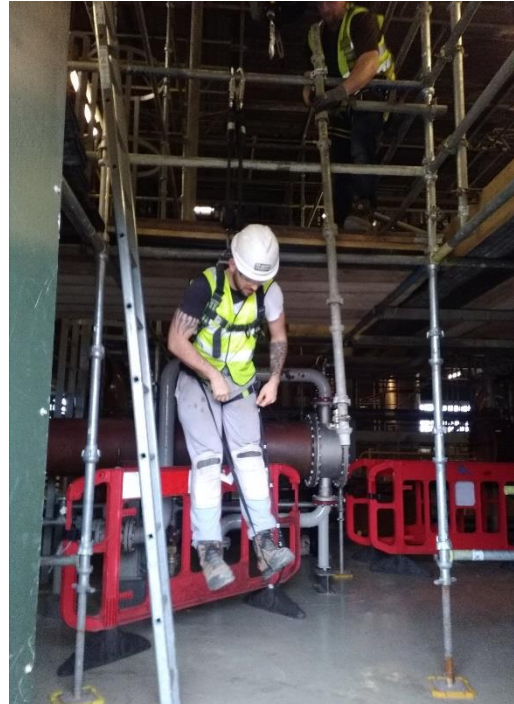
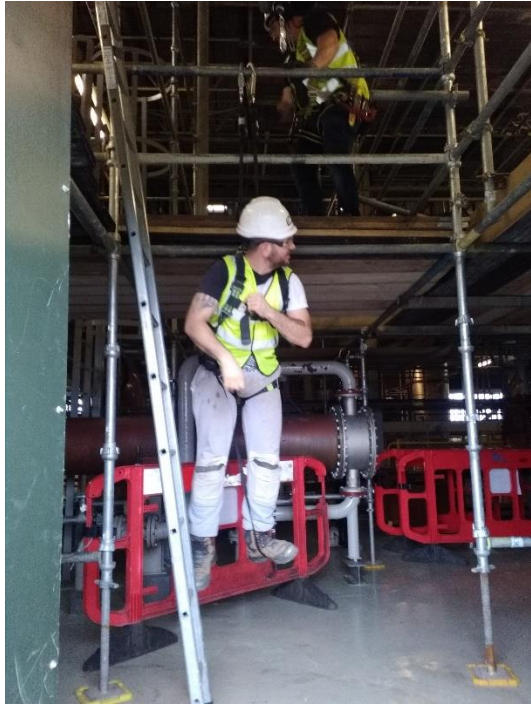
Tadhg Kelly: Time to fit 'scaffold fittings and scaffold standard' and fall victim climbing standard to scaffold deck: 47 seconds

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



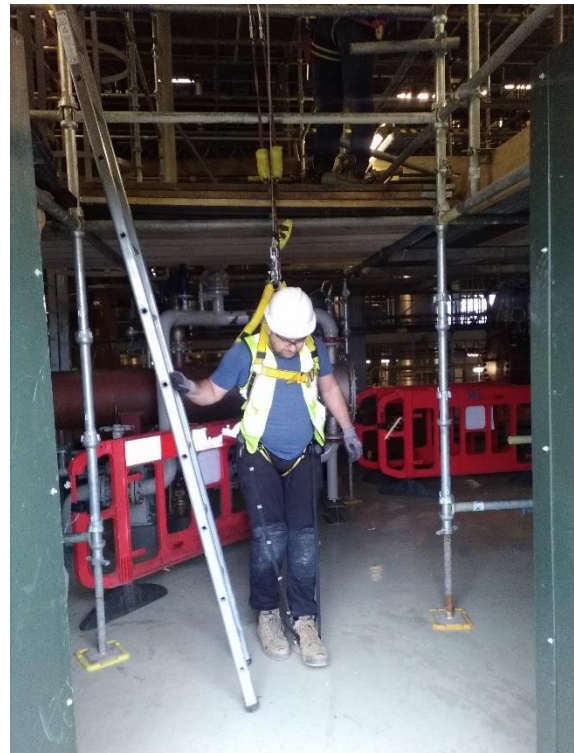
Dylan Fitzgerald: Time to fit 'scaffold fittings and scaffold standard' and fall victim climbing standard to scaffold deck: 35 seconds

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



Tadhg Kelly: Time to fit 'retractable fall arrestor lifting device' and fall victim to be raised and then lowered to safety: 1 minute 38 seconds

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



Dylan Fitzgerald: Time to fit 'retractable fall arrestor lifting device' and fall victim to be raised and then lowered to safety: 1 minute 16 seconds

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

