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SUPPLY CHAIN SAFETY LEADERSHIP GROUP

Working At Height Group

Home Safe and Well Webinar

Pete Benton, Tommy Grierson, Chris Hudson

ABOVE THE LINE

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Today's session

- Introduction – Teresa Moss
- Safety Moment
- Why is Working At Height so Important and Our Journey?
- What do we want to do?
- How are we going to monitor supply chain performance?
- What are our next steps?
- Q & A
- Schedule of Significant Risk Webinars

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Introduction

Teresa Moss–Health, Safety & Wellbeing Supply Chain Engagement, National Highways

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Safety Moment – Jason Anker

https://www.youtube.com/watch?v=EHKXhKCGxkI

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Why is Working At Height so important?

Pete Benton, Chris Hudson, Tom Grierson

- Why is Working At Height so important?
- Sharing our learning points on the process so far
  - building our team
  - Establishing our vision
  - Completing our bow tie and associated analysis
  - Establishing our key focus areas
  - Creating our common intent document
- View of our performance triangle
- Our next steps

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Why is Working At Height So Important?

Key takeaways from the latest HSE statistics report include (July 2024):

- 138 workers were killed in work-related accidents (2 more than in 2022/23)
- 51 of these fatalities were in construction (4 more than the previous year)
- Falls from height was the most common cause of fatal injuries
- 50 fall from height fatal injuries, accounting for 36% of all worker deaths

These sobering statistics highlight the urgent need to tackle the issue of worker fatalities and serious injuries as a result of a fall from height.

Working From Height was Highlighted by the Supply Chain as one of the most significant Risks to our businesses

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Building the right team – Who's Involved and whats our Vision

Working from Height Group

7th March Update

The Team –

- Dave Brown – Chair
- Philip Bruce – Volker laser
- Warren Lynes – OnSite Support
- Chantelle Sword – Sword
- Tom Grierson – Concrete repairs Limited
- K. Barraclough – Jackson-Civils
- Pete Benton – crown highways
- Chris Hudson – Octavius
- Philip last – Chevron
- John Haslam - WJ

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2025 – Vision of Success

- Working groups – Weekly drop-in sessions - Ad hoc face to face Bow Tie reviews of projects
- Immediate Tasks – Complete the first 3 Projects within first 3months and agreed the Draft Common Intent
- Medium Term - Allocate and commence remaining 2 projects and Finalise Common Intent
- Immediate Term - Recruit new members and appoint a new Chair
- Long Term - Implementation plan and performance triangle
- Long Term -Comms Plan and Presentation to the community
- Long Term - Develop our approach for the Leading Indicators

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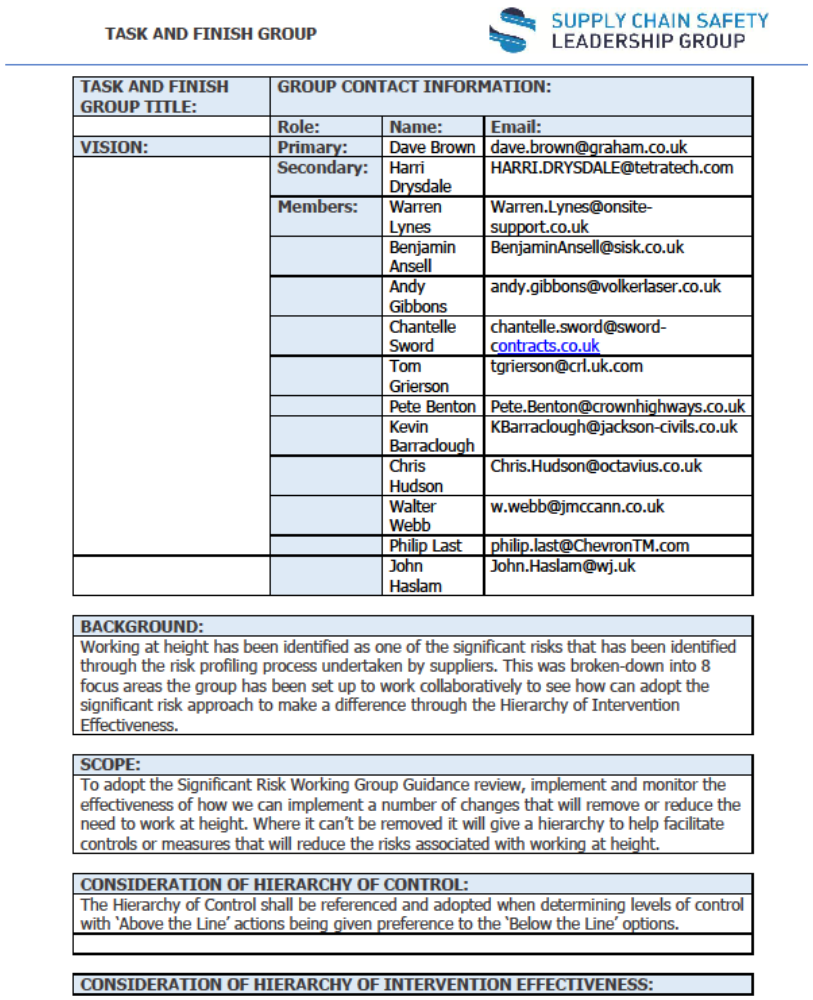
Alignment with other teams

- Kept aligned with other teams across NH
  - Safety Hub
  - SCSLG Significant risk working groups –
    - Driving for better Business
    - Performance
    - Safer by Design
  - Used the Significant Risk Working Groups Guidance



TASK AND FINISH GROUP

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TASK AND FINISH GROUP TITLE:	GROUP CONTACT INFORMATION:		
	Role:	Name:	Email:
VISION:	Primary:	Dave Brown	dave.brown@graham.co.uk
	Secondary:	Harri Drysdale	HARRI.DRYSDALE@tetratech.com
	Members:	Warren Lynes	Warren.Lynes@onsite-support.co.uk
		Benjamin Ansell	BenjaminAnsell@sisk.co.uk
		Andy Gibbons	andy.gibbons@volkerlaser.co.uk
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		Tom Grierson	tgrierson@crl.uk.com
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		Chris Hudson	Chris.Hudson@octavius.co.uk
		Walter Webb	w.webb@jmccann.co.uk
		Philip Last	philip.last@ChevronTM.com
		John Haslam	John.Haslam@wj.uk

BACKGROUND:
Working at height has been identified as one of the significant risks that has been identified through the risk profiling process undertaken by suppliers. This was broken-down into 8 focus areas the group has been set up to work collaboratively to see how can adopt the significant risk approach to make a difference through the Hierarchy of Intervention Effectiveness.

SCOPE:
To adopt the Significant Risk Working Group Guidance review, implement and monitor the effectiveness of how we can implement a number of changes that will remove or reduce the need to work at height. Where it can't be removed it will give a hierarchy to help facilitate controls or measures that will reduce the risks associated with working at height.

CONSIDERATION OF HIERARCHY OF CONTROL:
The Hierarchy of Control shall be referenced and adopted when determining levels of control with 'Above the Line' actions being given preference to the 'Below the Line' options.

CONSIDERATION OF HIERARCHY OF INTERVENTION EFFECTIVENESS:

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Analysis and scoping the focus areas

- Reviewed the Significant Risk Profile Results
- Outcomes shaped our approach and came with five focus up areas to address –
  - Ladders -
  - MEWPS
  - Falls From Vehicles
  - Excavations
  - Manholes
- Appointed Project Managers for each area
- Bow-Tie Approach for Ladders decided as first activity

SIGNIFICANT RISKS		PROFILE RESULTS			
This list shall be reduced on completion of SR Matrix Stage 1 to align with the findings of SR Matrix Stage 1		Average Risk Reality Score	Average Exposure Percentage Per Shift	No of Persons Exposed	No of Days Exposed
Working at Height	Rope Access	2.1	25%	353	800
	MEWP	2.2	25%	1068	1097.5
	Mobile Scaffold	2.0	5%	385	335
	Fixed Scaffold	2.1	16%	1020	580
	Ladders	2.3	12%	1555	940
	Man Riding Baskets	1.0	20%	20	0
	Manholes	2.5	18%	1585	1225
	Roof Works (Including Fragile)	2.3	10%	20	30
	Deep Excavation	2.8	24%	1025	678.75
	Vehicles	3.4	29%	2280	1538

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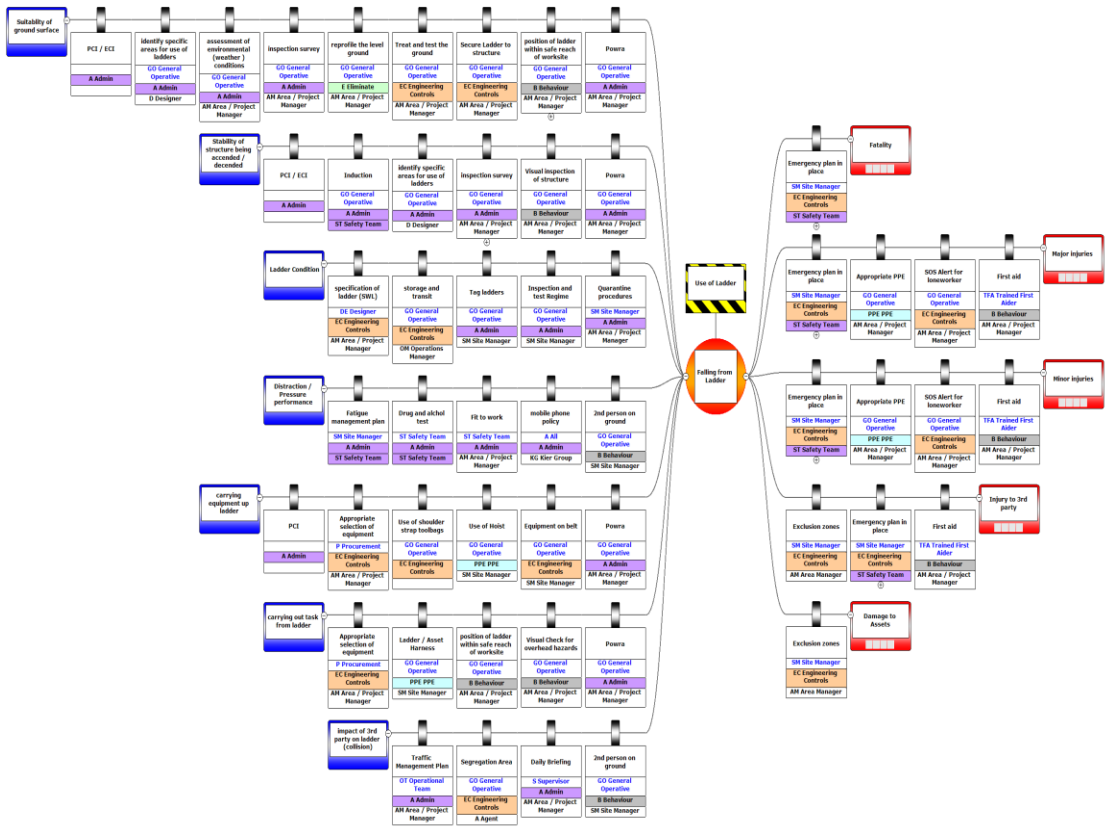
Embracing the ‘Bow tie’ approach - Ladders

- New approach for most of us we had a lessons learnt de-brief from the DFBB group
- Initial session with James Bird (Kier) set out the process
- Initial brainstorming session on threats, consequences and all associated barriers
- Developed model offline in excel via working group to keep momentum and fill in gaps.
- Finalised model to develop our key focus areas



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Creating the common intent document

- Took what we had learned and set out our approach
- Took lessons learnt from other groups
- Kept our approach consistent with the Original Brief and in line with our Strategy
- Would we do anything differently? Yes – not expect to get it right first time. Keep it simple – but not too simple.

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Reviewing the Performance triangle

- Another Development in the process was the performance review triangle
- Benefitted from guidance from the Performance Group reps.
- Kept SMART (specific, measurable, achievable, realistic, timebound) in mind throughout the process
- We reviewed this in parallel with our Individual Projects
- Next Steps – Look into more on above the line solutions and get them shared with the community

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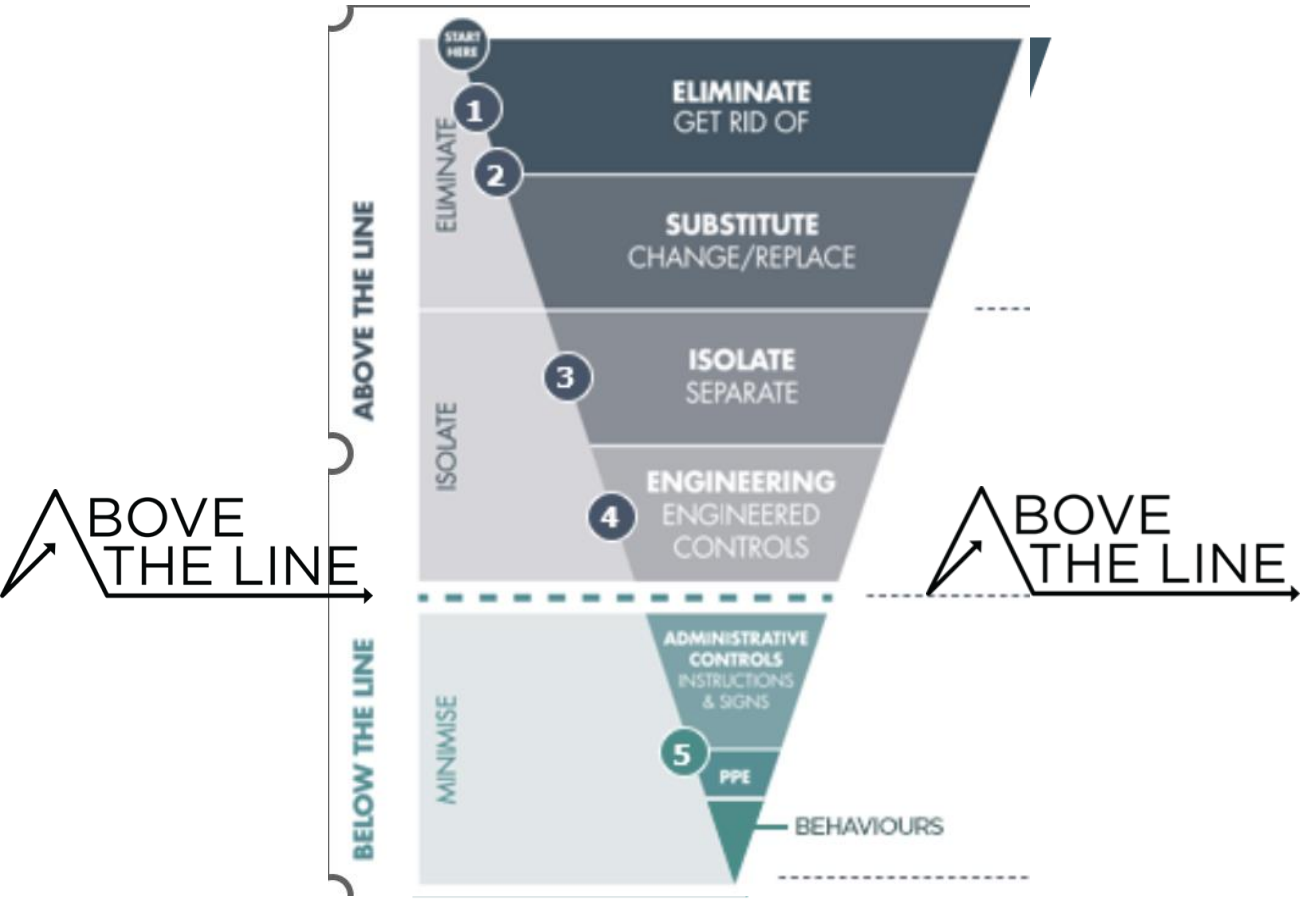
Significant Risk Working @ Height Performance Measures



Elimination of working at Height – use of drones, robotics, telescopic poles and other extendable tools, fixed edge protection installed at ground level, fixed platforms with stair access, permanent leading-edge protection, low entry vehicles cabs, stair access on to vehicle beds, low level vehicle bed designs

Temporary staircases, Mewp working (scissor/pop ups, cherry picker, Moog, designed edge protection, scaffolding designed with staircases, removal of fragile roofs, Plant Vehicles and Machinery with fixed guard rails. Temporary stair access to rear of vehicles. Material conveyors to move material to height, Lifting accessories that automatically connect and disconnect, manhole and chamber edge protection, excavation integrated edge protection

Safety netting, Airbags, Scaffolding designed with ladders (order of priority if lifts and staircases cannot be incorporated, swing gates, extended platforms, staggered guard rails, pivot guards or self-closing gates of all of the previous cannot be utilised trap doors, vertical ladders with hoop protection (platforms every 9m, Scaffold Podium steps, tethered tools, pre-slung material

Below the line Working @ Height Systems

Harness and expansion lanyard, Harnesses and inertia wheel, Step ladders, ladders, edge protection plastic barrier, edge protection crowd control barrier, rope access, ladder access onto vehicle beds, vehicles within out edge protection, ladder access into excavations, ladder access used in scaffolds without any fall prevention

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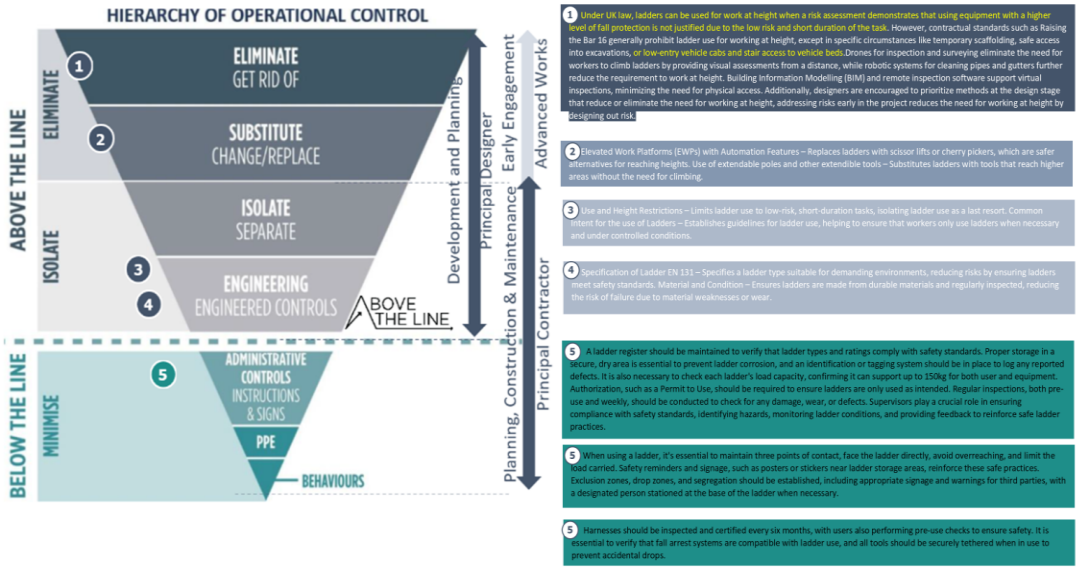
Where are we up to?

- Common Intent document being reviewed and updated
- Performance triangle Reviewed and updated
- Projects status -
    1. Ladders – well progressed
    2. MEWPS – Output has been done and will be reviewed
    3. Falls From Vehicles - Reviewing
    4. Excavations – Bow tie process to be completed
    5. Manholes – PM assigned Chris Hudson
- Strengthen team with members with different skills to engage and drive change
- We'll be in touch soon!

Significant Risk Work at Height Ladders (Portable)
HIERARCHY OF CONTROL:



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Next Steps

- Finalise Common Intent Document
- Finalise Projects 1- 3
- Commence Projects 3-5
- Data exercise
- Finalise comms plan
- Engagement sessions
- Monitoring

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Want to get involved?

We are recruiting new members of the team to help with the implementation phases of our work.

Skills we need:

- Engagement
- Communications
- Networking

If you're interested, please email Pete Benton

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Q & A

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Significant Risk Webinars Schedule 2025

• Working at height	17th April (13:00-14:30)
• HSW by design	22nd May (13:00 – 14:30)
• Temp Works	19th June (13:00-14:30)
• Plant People Interface	8th July (13:00-14:30)
• Occupational Health	7th October 13:00-14:30
• Service Avoidance	11th November 13:00-14:30
• Incursions	4th December (13:00-14:30)

Links to registration for each session can be found above or via Teresa Moss – teresa.moss@nationalhighways.co.uk

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