

# CDM Refresher & Best Practice Application

De-mystifying the regulations & obligations

**Presenters:**

Richard Bennion – iON Consultants



# Welcome

## Richard Bennion | Director & Co-founder

Richard is an experienced chartered practitioner in Health, Safety and Environmental compliance and has been a certified member of the APS for nearly 20 years, engaged as a CDM Coordinator and Principal Designer role.

Richard holds strong links to the British Occupational Hygiene Society (BOHS) and is a member of the Faculty of Asbestos Assessment and Management (FAAM) and has acted as a BOHS examiner in the Certificate of Competence and training provider inspector in their asbestos proficiency modules.

He offers a unique perspective, having worked as a consultant, technical manager, project manager and client duty holder specialising in CDM and Asbestos compliance.

**iON Consultants** is an independent multi-disciplinary Safety, Health, Environmental and Quality (SHEQ) consultancy specialising in asbestos assurance, construction safety, ISO management systems, health and safety and training.



# Agenda

- 1. CDM Refresher & Best Practice Application**
- 2. HSE Campaign Updates**
- 3. Q&A**

# HSE Statistics 2023

## A Reminder



**1.8 million**

Workers suffering from work-related ill health (new or long-standing) in 2022/23

Source: Estimates based on self-reports from the Labour Force Survey, people who worked in the last 12 months



**0.9 million**

Workers suffering from work-related stress, depression or anxiety (new or long-standing) in 2022/23

Source: Estimates based on self-reports from the Labour Force Survey, people who worked in the last 12 months



**0.5 million**

Workers suffering from work-related musculoskeletal disorders (new or long-standing) in 2022/23

Source: Estimates based on self-reports from the Labour Force Survey, people who worked in the last 12 months



**13.1 billion**

Annual costs of new cases of work-related ill health in 2021/22, excluding long latency illness such as cancer

Source: Estimates based on HSE Cost Model



**0.6 million**

Workers sustaining a workplace non-fatal injury in 2022/23

Source: Estimates based on self-reports from the Labour Force Survey



**60,645**

Work-related non-fatal injuries to employees reported by employers in 2022/23

Source: RIDDOR



**135**

Workers killed in work-related accidents in 2022/23

Source: RIDDOR



**7.7 billion**

Annual costs of workplace injury in 2021/22

Source: Estimates based on HSE Cost Model



**35.2 million**

Working days lost due to work-related ill health and non-fatal workplace injury in 2022/23

Source: Estimates based on self-reports from the Labour Force Survey



**12,000**

Lung disease deaths each year estimated to be linked to past exposures at work

Source: Counts from death certificates and estimates from epidemiological information



**2,268**

Mesothelioma deaths in 2021, with a similar number of lung cancer deaths linked to past exposures to asbestos

Source: Counts from death certificates and estimates from epidemiological information



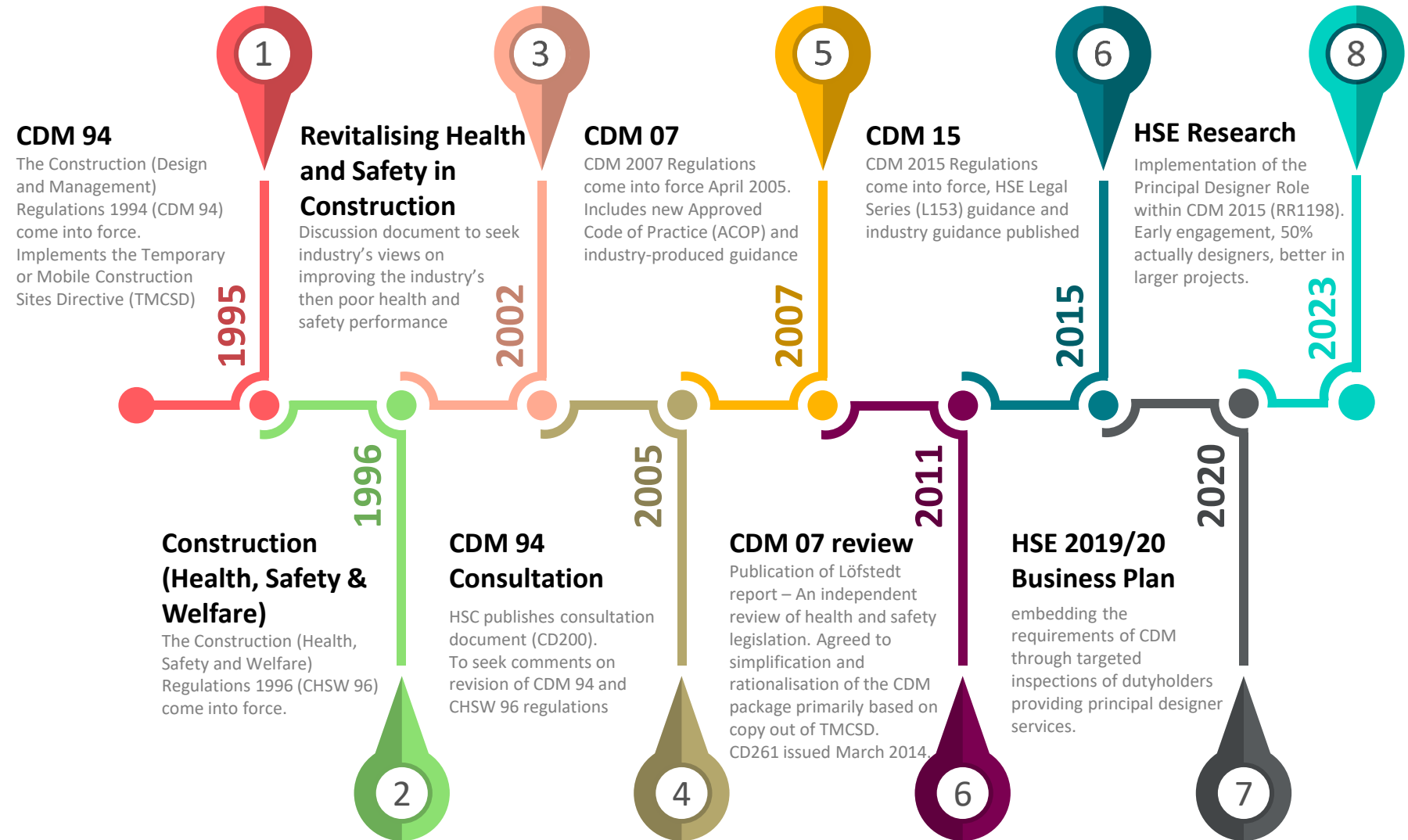
**20.7 billion**

Annual costs of workplace injury and new cases of work-related ill health in 2021/22, excluding long latency illness such as cancer

Source: Estimates based on HSE Cost Model



# CDM Evolution



# The Regulations

- [Construction \(Design and Management\) 2015](#) – Statutory Instrument
- [Managing health and safety in construction](#) – Guidance
- **Part 1 – Introduction:** includes definitions and general scene setting
- **Part 2 – Client Duties:** Managing projects, Appointments and Notification
- **Part 3 – H&S Duties & Roles:** Six duties and requirements around Pre-construction Information (PCI), Construction Phase Plan (CPP), Health & Safety File (HSF)
- **Part 4 – General requirements for all construction sites:** See next slide
- **Part 5 – General:** Covers amendments and enforcement arrangements for fire
- **Schedules 1 – 5:** F10, Welfare, Specific risks, Transitions

## Part 4 – General Requirements

- Covered by Regs 17 to 35
- Guidance [HSG150](#) “H&S in Construction” is a useful overview

Safe places of construction work (access, egress, space)	Reports of Inspections	Emergency routes and exits
Good order and site security	Energy distribution installations	Fire detection and fire-fighting
Stability of structures	Prevention of drowning	Fresh Air
Demolition & Dismantling	Traffic routes	Temperature and weather protection
Explosives	Vehicles	Lighting
Excavations	Prevention of risk from fire, flooding or asphyxiation	
Cofferdams & Caissons	Emergency procedures	

# CDM Roles

The CDM Regulations impose duties on six key parties:

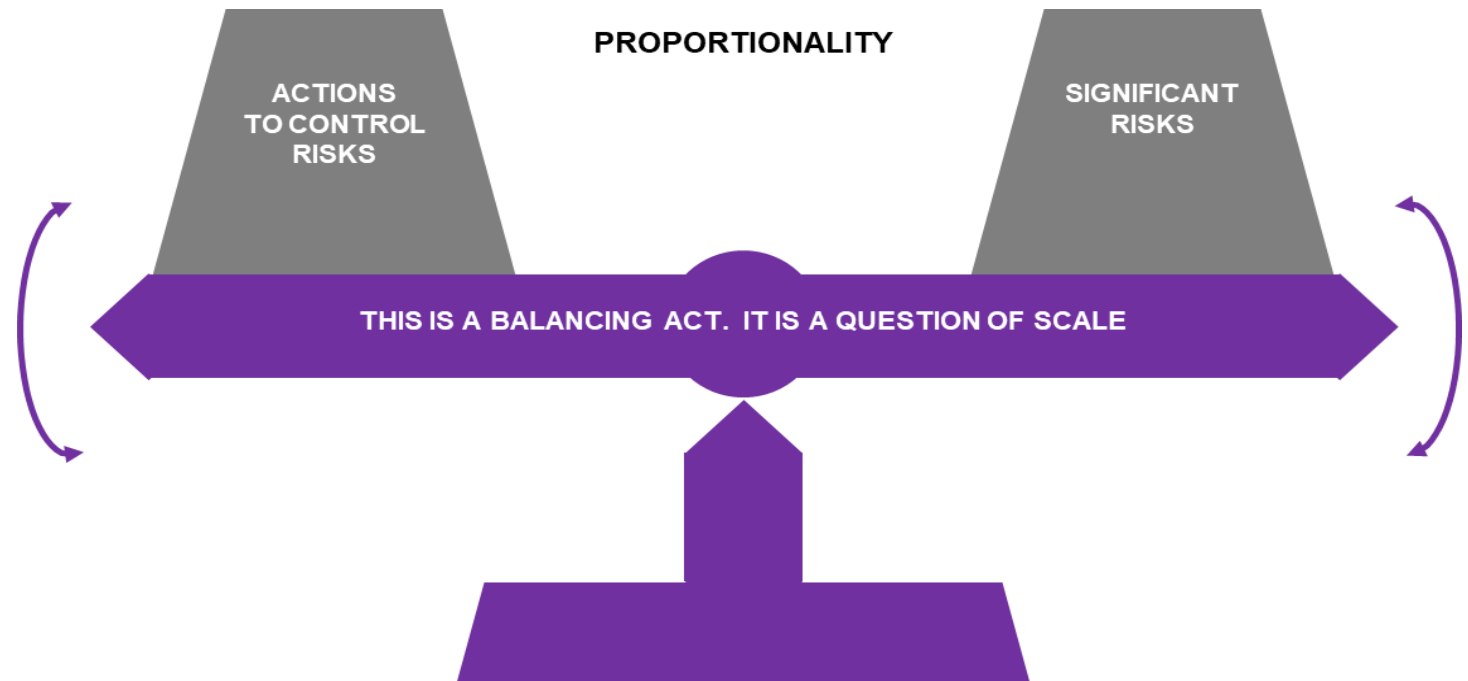
1. [Clients](#)
2. [Principal Designers](#)
3. [Principal Contractors](#)
4. [Designers](#)
5. [Contractors](#)
6. [Workers](#)





# Design Risk Management

## Designers should be proportionate in risk mitigation approach



SIGNIFICANT RISKS, NOT HIGH RISKS, SIGNIFICANT RISKS ARE:

- NOT LIKELY TO BE OBVIOUS TO A CONTRACTOR OR OTHER DESIGNERS
- UNUSUAL
- LIKELY TO BE DIFFICULT TO MANAGE EFFECTIVELY

# Design Risk Management

E

ELIMINATE



R

REDUCE



I

INFORM



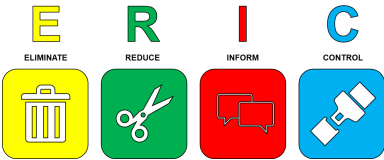
C

CONTROL



# Design Risk Management

## Communication of residual design risks.



Throughout the project from PCI to CPP to H&S File.

RESIDUAL HAZARD

!



Confined space

There is a deep excavation and installation of a surface water attenuation tank.

Ground conditions indicate there is a potential for running sand.

Hazard boxes on drawings

Typical Task	Period	Work Stage	Generic Risk	Owner	Potential Risk	Design Control Measures Taken	Control Measures To Be Taken
Installation of concrete cores.	Construction	DD	Collapse		HIGH	Refer to structural engineer (Local development institute)	Specialist design element. (Local development institute)
Installation of concrete stairs throughout the building.	Construction	DD	Falls From Height		HIGH	Pre-cast concrete stairs with temporary handrail installed allow for ease of installation and use as vertical circulation during construction phase.	Refer to structural engineer (Local development institute)
Installation of concrete stairs throughout the building	Construction	DD	Collapse		HIGH	Refer to structural engineer (Local development institute)	Pre-cast concrete stairs sections specialist design to incorporate slinging points and indication of centre of gravity. Specialist design input (Local development institute)
Construction/Installation of concrete frame structure.	Construction	DD	Collapse		HIGH	Refer to structural engineers and specialists for details and fixings to allow the use of safety nets. Design allow for bolt fixing for ease of erection.	Specialist design input required. (Local development institute)

Simple risk assessment and controls

# Design Risk Management

## Principal Designer

- Design Risk Review Meetings
- CDM Risk Registers and Checklists

CDM Risk Register - L06 Lift Replacement														
Risk Reference			Risk Description					Further Requirements		Risk Close Out				
Risk Number	Owner	Discipline Responsible	Risk Type	Description	Project Lifecycle	Initial Risk	Mitigation	Further details	Relevant Documentation	Residual Risk	Risk Transferred	Documented Information	Action Status	Notes
1	RM- Muller	Client	Asbestos	Ensure that a refurbishment asbestos survey is provided for the proposed work area	Pre-Construction	High	Engage UKAS accredited surveyors to undertake an initial survey	Check the 'No Access' areas and exclusions within the report provided: - Electrical Equipment - Within lift shaft Asbestos awareness for all construction operatives	Asbestos survey report	Medium			Open	
2	Stannah / Focus Lifts	Construction	Falling Materials	Removal of existing lifting beam Dropping of fittings and packaging / small items	Construction	Medium	RAMs from Focus lifts, include the scaffolding design	Controls to detail tethering of tools; additional netting / scaffolding and exclusion zones should be included	Risk Assessment	Medium			Open	
3	Stannah / Focus Lifts	Construction	Lifting	Movement of large plant and equipment	Construction	Medium	Lifting Plan for contract crane lift to move old car and new kit. Alimac lift used for access.	Details to be provided and agreed by Muller's AP prior to lifting works	Lifting Plan	Medium			Open	
4	Stannah / Focus Lifts	Design	Lifting	Handling of hydraulic fluids to lift motor room	Maintenance	Low	Check O&Ms from Stannah	Details to be provided	Manufacturers information	Low			Open	
5	Stannah / Focus Lifts	Construction	Working from height	Scaffolding design for general access	Construction	Medium	Rick Miles is temporary works coordinator. The structural team will be used for temporary works approval process, along with contractors inhouse resource.	Scaffolding RAMS and Design to be approved by Muller	Scaffolding design and handover sheets. Temporary works controls	Low			Open	
6	RM- Muller	Construction	Traffic Management	Segregation of materials / waste deliveries and space for work area / parking during construction phase	Construction	Medium	RAMS to detail the requirements	Update of CPP required	Traffic Management Plan (include within CPP)	Medium			Open	
7	RM- Muller	Construction	Fire	Interface of telecommunications with fire alarm panels	Pre-Construction	Medium	Not required for telecoms as it's a goods lift only	Interface is isolation only		Low			Open	
8	Stannah / Focus Lifts	Construction	Fire	Certification of fire products (inc. lift) to be provided for HSE / O&M	Construction	Low	Stannah will provide CEUKCA marking for the kit	Trenton Construction will supply the requirements around passive fire protection.	Passive Fire Protection Certification	Low			Open	
9	Stannah / Focus Lifts	Structural	Demolition / Dismantling	Removal of existing lift car and associated equipment	Construction	High	RAMS controls and plan from the supplier	Demolition plan / RAMS to detail sequence of removal		Medium			Open	
10	Stannah / Focus Lifts	Construction	Confined Space	Lift shaft is a potential confined space if work processes generate a specified risk - Muller operations, other contractors work or construction process	Construction	High	Cap to be removed from the cap to allow for air movement to purge the lift shaft. Forced air ventilation.	Clarification from Stannah's sub-contractor around the classification of the lift shaft.	Risk Assessment	Medium			Open	
11	Stannah / Focus Lifts	Construction	Hot Works	Hot works conducted for gas cutting of lift doors and also grinding of lift parts inside the shaft	Demolition	High	Requested alternative option other than use of Oxy-Acetylene Hot Works Permit Process inclusive of fire watch	A review of use of cold cutting to avoid hot works - Rams require cutting, lift doors to be lifted out whole to reduce No. of cuts	Risk Assessment	Medium			Open	
12	RM- Muller	Client	Fire	Fire routes and fire alarms for CDM areas	Pre-Construction	Medium	To be factored into the design of hoarding	RAMS to clarify the controls, this will be worked in conjunction with the Hot Works permit. Additional call point for the floor worked on will be used.	Risk Assessment	Medium			Open	
13	Stannah / Focus Lifts	Construction	Collapses	Temporary Works - Scaffold, propping, hoarding	Construction	High	TW need to be controlled by an appointed competent temporary works co-ordinator from the PC and temporary works register.	Muller to manage Temporary works with contractors	Temporary Works Register	Medium			Open	
14	Stannah / Focus Lifts	Design	Fire	Fire Strategy - Fire stopping measures on the new install, how will spread of fire through lift shaft be controlled	Construction	Medium	Final passive fire controls will be managed by Trenton Construction's contractors.	Clarification of process to be provided	Passive Fire Protection Certification	Low			Open	
15	RM	Client	Explosive Atmosphere	ATEX zoned area is located outside of the lift motor room.	Construction	High	Ensure local rules for access to the area is communicated to all parties.	Requirements for access to the powder room is to ensure no work occurs outside of the designated screening or lift room.	CPP rules and RAMS	Medium	Principal Contractor		Closed	There shall be no hot works conducted on the project, any cutting will now be done using cold cut blades.

## Areas to focus on

# Capital Works

- Client brief
- Engaging competent people / supply chain
- Appointments (PD & PC)
- Design review meetings with stakeholders
- Design risk management considerations
- Develop pre-construction information and notification
- Approve construction phase plan
- Project progress meetings
- Monitoring PC compliance
- Ensure health and safety file documentation completed



## Areas to focus on

# Small Reactive Works

- Engaging competent people
- Providing information – Risk and premise information
- Assessing the task/work risk – consider dynamic risks
- Completing RAMS
- Supervising and Monitoring compliance
- Complete documentation to allow for updates

## Areas to focus on

# Planned Maintenance Projects

- Engaging competent people / Appointments
- Design risk management considerations
- Develop pre-construction information (lite?)
- Develop Construction Phase Plan (lite?) and RAMS
- Consider notification (F10)
- Assessing task/work risk – dynamic and static risks
- Monitoring compliance
- Complete health and safety file documentation

## HSE Campaign Updates

# Sam Lord

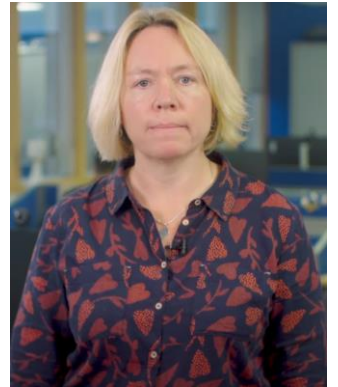
## HM Principal Specialist Inspector

Sam Lord is a Chartered Occupational Hygienist and Principal Specialist Inspector at the Health and Safety Executive in Great Britain.

Sam is currently HSE's Occupational Hygiene Technical Strategy Lead for asbestos, providing technical expertise and insight for operational regulatory interventions, scientific research, policy development, external communications and civil contingency events.

Sam is Chair of the Asbestos Network Technical Working Group which provides a forum which HSE can work with relevant external stakeholders to complement and enhance the letter and spirit of the regulatory framework.

Sam is also member of the Faculty of Asbestos Assessment and Management (FAAM).



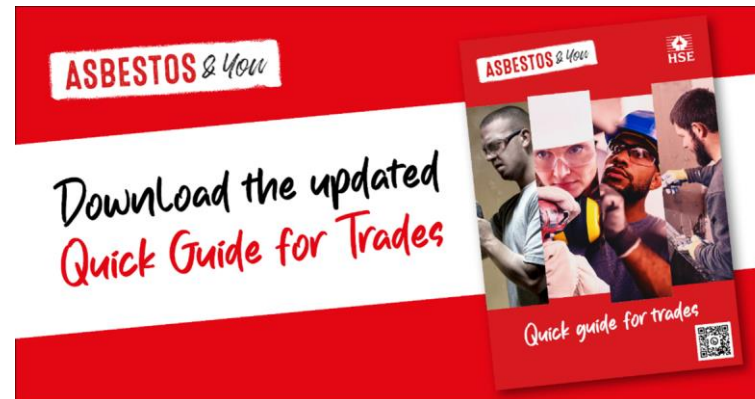
## HSE is currently running two asbestos campaigns

**ASBESTOS  
YOUR DUTY**

**‘Asbestos – Your Duty’** raises awareness of the legal duty to manage asbestos in buildings

**ASBESTOS & YOU**

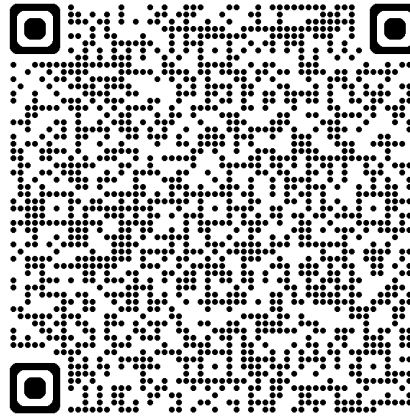
**‘Asbestos and You’** highlights the risk of asbestos to tradespeople



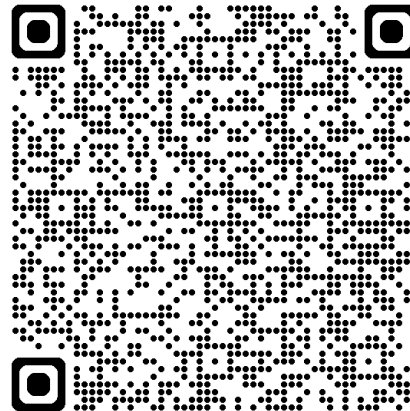
## ‘Asbestos - Your Duty’ Resources

A [digital one pager](#) with all our duty to manage asbestos resources at the click of a button:


- Webpages
- Register template
- Management plan template
- Examples



[Video](#) explaining the steps to the duty to manage asbestos in buildings







**ASBESTOS  
YOUR DUTY**







The duty to manage asbestos is a legal requirement. Dutyholders must protect people from the risks of exposure to asbestos, including people who work in/on or visit their buildings.



Use the links below to find out more about the duty to manage:

**Duty to manage asbestos in buildings**   
What the dutyholder must do, including identifying asbestos, assessing risk and making a plan.

**Asbestos register template**   
Template of an asbestos register – a live document which must always contain current information on the presence and condition of asbestos-containing materials, known as ACMs, in your building.

**Asbestos management plan template**   
Template of an asbestos management plan which sets out the procedures and arrangements to manage the risk from asbestos-containing materials in your buildings.

**Examples of how asbestos risks can be managed**   
Examples of asbestos management in practice.

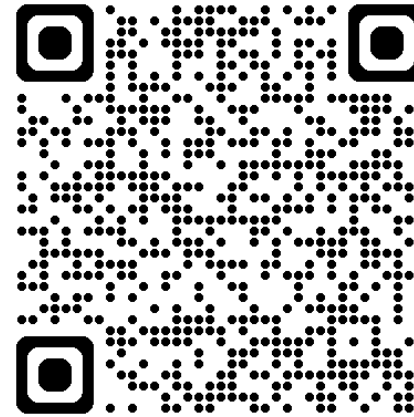
**HSE Asbestos newsletter**   
Sign up to the HSE asbestos newsletter for free health and safety news and updates on this topic.



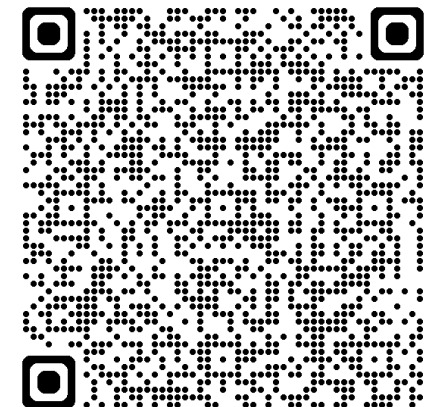
## Asbestos DTM Webinar and Podcast

HSE's webinar and podcast are the latest campaign resources to help support those with a legal duty to manage asbestos in their buildings.

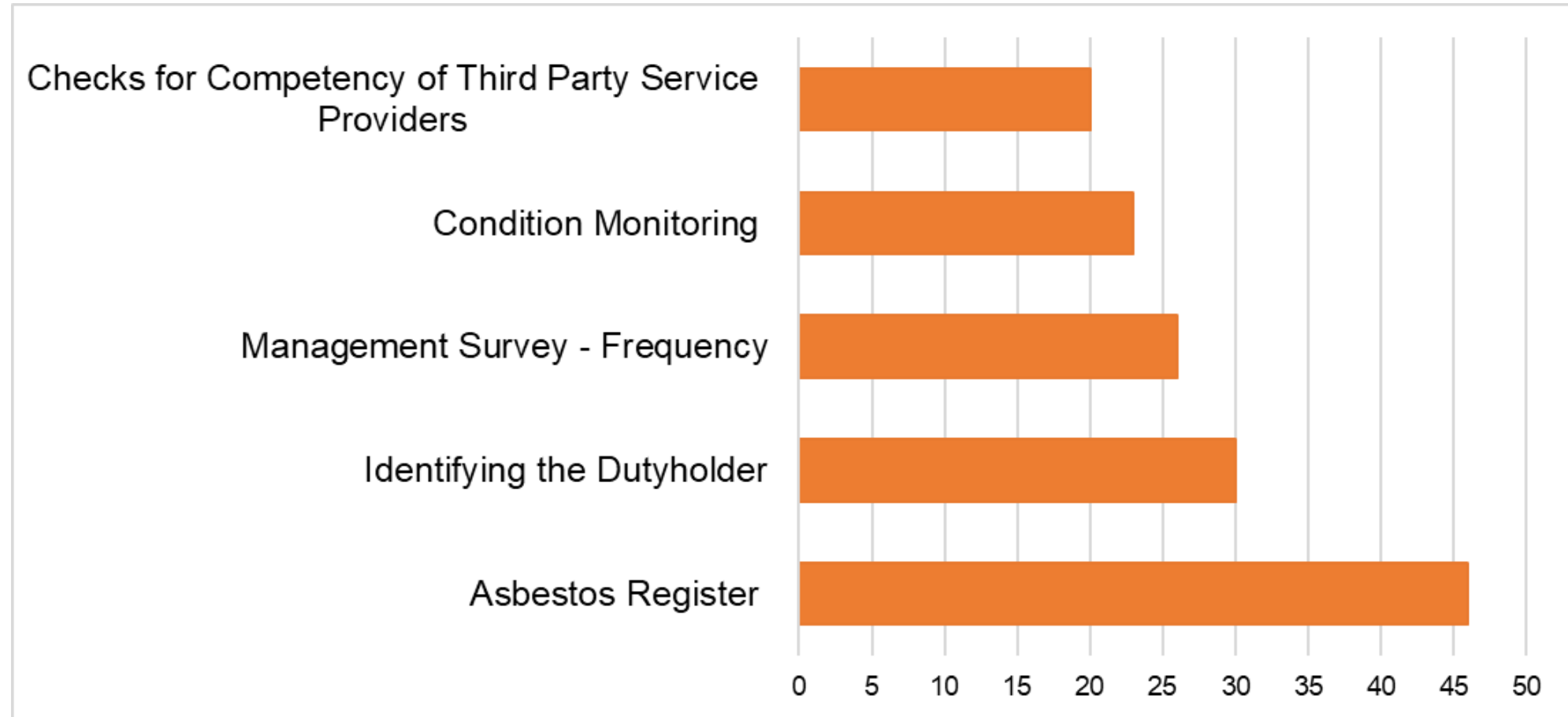
- [Watch the free recording of the webinar](#)



- [Listen to the podcast on the duty to manage asbestos in buildings with guest Marks and Spencer](#)



## Top 5 DTM Question Topics raised in HSE's DTM Webinar



## Response so far....

- ✓ The combined reach of the campaigns is over 25 million
- ✓ More than 241,000 page views and 90,000 downloads
- ✓ Over 7,000 registrations for the DTM webinar with many more since watching the recording on demand

As we continue both asbestos campaigns into 2024/25, here's how you can support them:

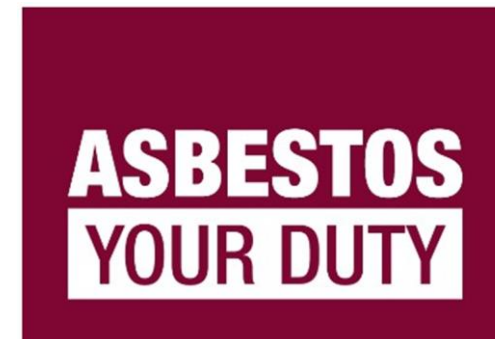
- **Share** our social posts:

[Facebook](#)

[X / Twitter](#)

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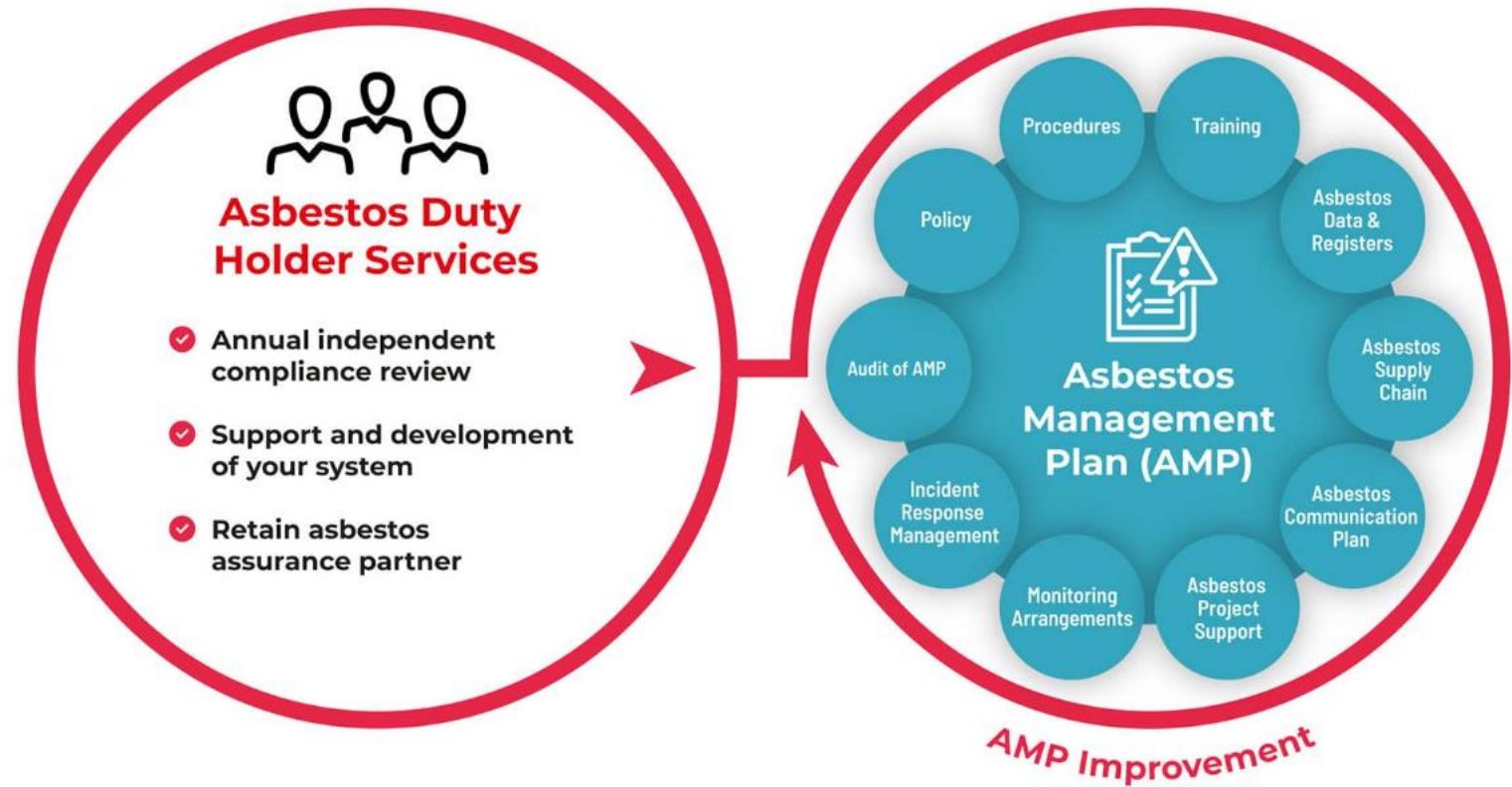
- **Download** and share the resources in this presentation



Questions



## How iON can support



### Support services:

- ✓ Compliance Reviews
- ✓ Register Configuration
- ✓ Supplier Procurement
- ✓ Project Management
- ✓ Incident Investigations
- ✓ AMP and Procedure Development
- ✓ Data Assurance
- ✓ Supplier Auditing
- ✓ Certified Training
- ✓ Expert Witness





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