

Heritage Engineering Network

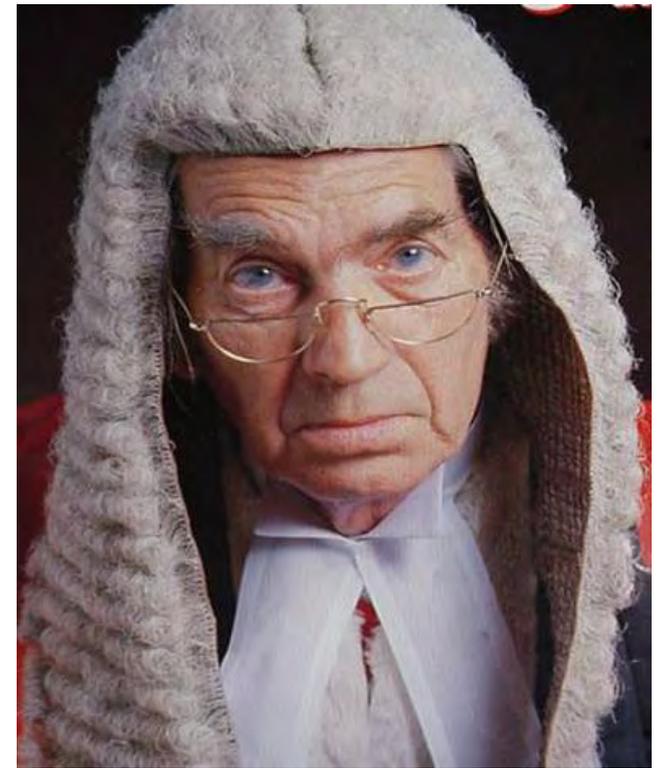
**Hot, heavy and dangerous!**



# Duty of Care



- Act as any other reasonable person
- Control foreseeable risks
- Keep abreast of current technology



Civil Liabilities  
and  
Criminal  
Prosecution

*So what would a reasonable person do??*

# Hazard Inventories

*Perhaps we  
need to sit  
back a while  
and think.....*

# Hazard Inventory -

Date -

Location/Area/Bldg	People who may be present	Equipment used either permanently or temporarily	Hazardous Substances used/stored/part of structure either permanently or temporarily	Activities carried out at the location

Consider a building or structure you have responsibility for, and complete the hazard inventory.....

# Window Cleaners - Hazard Inventory – Anytown

Locations	People	Equipment	Substances	Activities
<b>Depot</b> Office Shop Yard Garage	<b>Employees</b>  <b>Other Employers</b> <b>Employees on sites</b>  <b>Our Contractors</b> Cleaners Servicing agents	<b>Depot</b> Office, equipment PC's, printers, shredder, fire alarm Shop, till cash card m/c, window display equipment Yard, gates racking, drying cabinet, chemical cabinet Garage, roller shutter door, spares store, ppe store	<b>Depot</b> Office cleaning products, store for listed window cleaning products. Spare fuel, general maintenance oils/greases  <b>At site</b> Window cleaning products	1. Computer work 2. Office activities 3. Shop/reception 4. Cleaning office/yard 5. Dispensing chemicals 6. Loading vehicles 7. Inspecting access equip 8. General maintenance 9. Travel to sites 10. Fuelling and driver maintenance 11. Positioning vehicles 12. Setting up work site 13. Accessing windows internally 14. Accessing windows at Ground level 15. Accessing high level windows 16. Breaking down/packing vehicle 17. Cash handling 18. Use of vehicle as welfare 19. Coping with emergencies 20. Working alone/remote areas
<b>Industrial Sites</b> Estates  Office blocks	<b>Residents</b> Flat owners Elderly	<b>Travel to/from job</b> Vans, listed items, water tank, hose, chemical stores, mobile phones, ladders, steps, brushes, spare ppe, first aid kit.		
<b>Residential Property</b> Old peoples homes  Residential flats	<b>Owners</b>  <b>Members of the public</b>			
<b>Domestic Property</b>  <b>Travel to/from job</b> Vans				

Training document only.

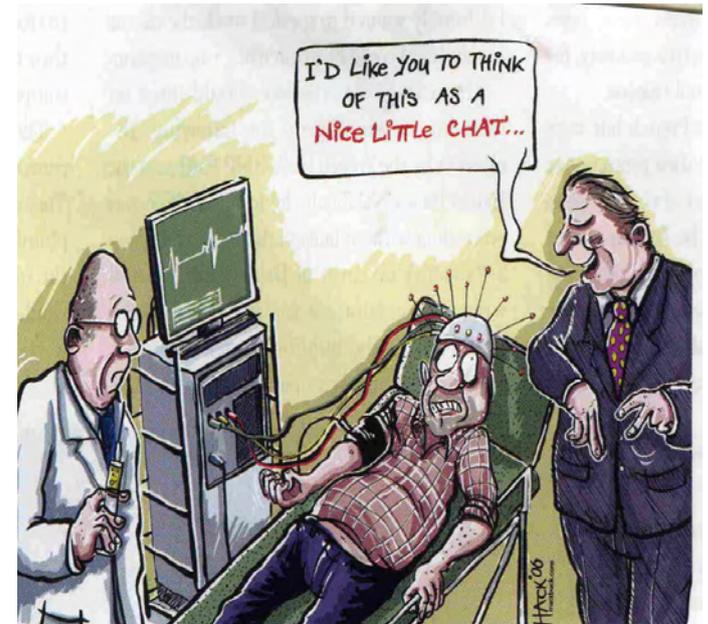
● Role defined in law, regulation or ACOP's

● Places duty on an individual or a group of people

● Identify named Duty holders in a range of circumstances

● Expects Duty Holders to be aware of responsibility (ignorance is not a legal defence) Examples in Fire, Asbestos, COSHH and the Occupiers liability Acts

# Duty Holders



# Common Requirements

- Fire Regulations
- Asbestos Regulations
- Work at Heights
- Water Risk Management
- Buildings Services
- Workplace/Welfare Regulations



*Let us look at these in more detail...*

# Fire Risk Assessment

- Identify Hazards, Hazardous Events
- Establish who may be harmed
- Consider likelihood and consequence
- Identify controls already in place
- Set out any improvements
- Review regularly



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## Salisbury church hall fire investigation starts

An investigation has started into the cause of a serious fire at a church hall in Salisbury.

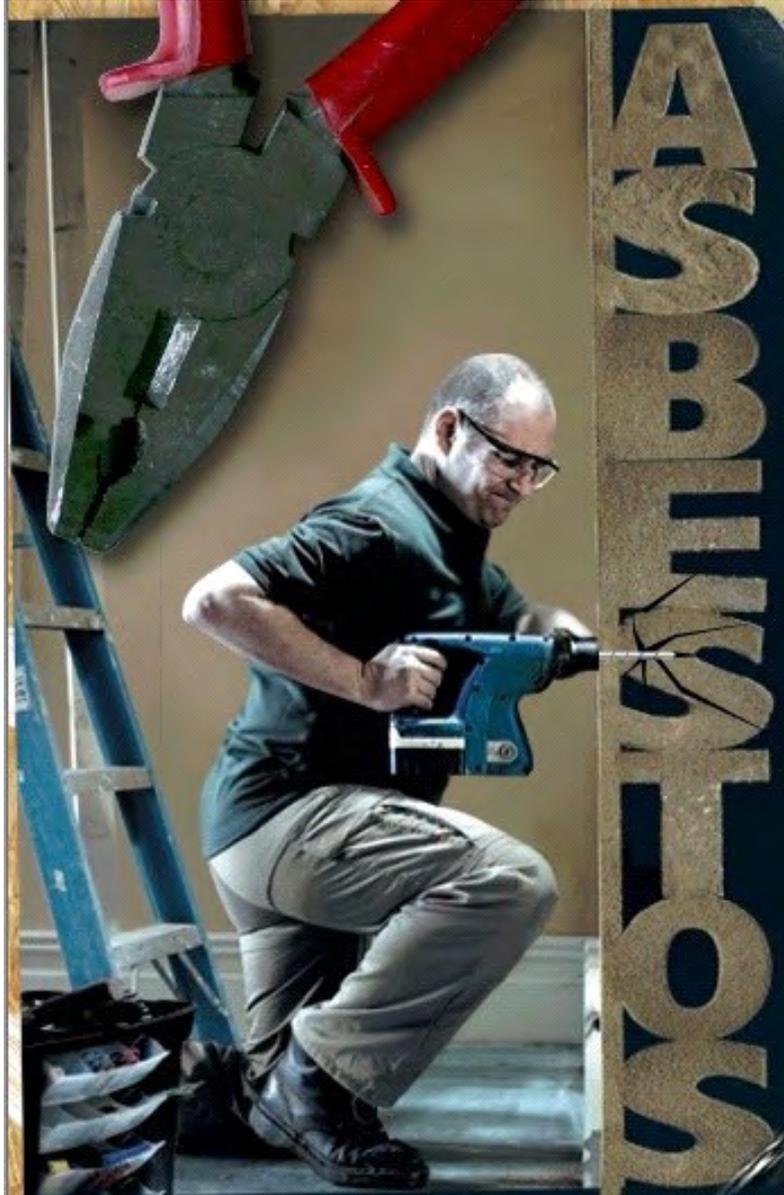
Firefighters were called to St Francis church hall, which is used as a pre-school nursery, in Beatrice Road just before 1530 BST on Friday.

Officers described the fire as severe and appliances came from Salisbury, Wilton, Amesbury, Tisbury and Devizes to tackle the blaze.

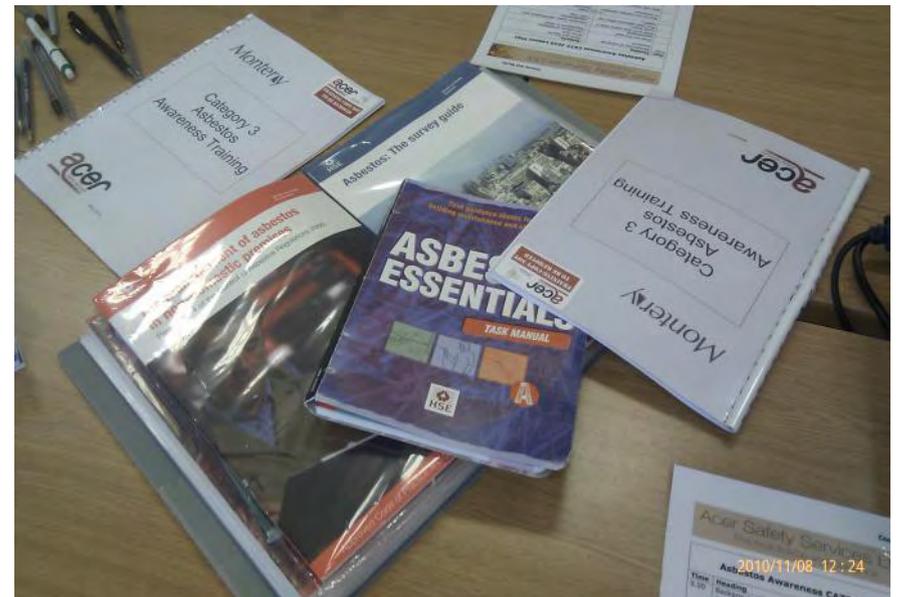


Firefighters were called to a fire at St Francis church hall in Salisbury at 1530 BST on Friday

# Asbestos Management



- Duty holder to manage
- Identify and assess
- Routinely check/update
- Trained Maintenance

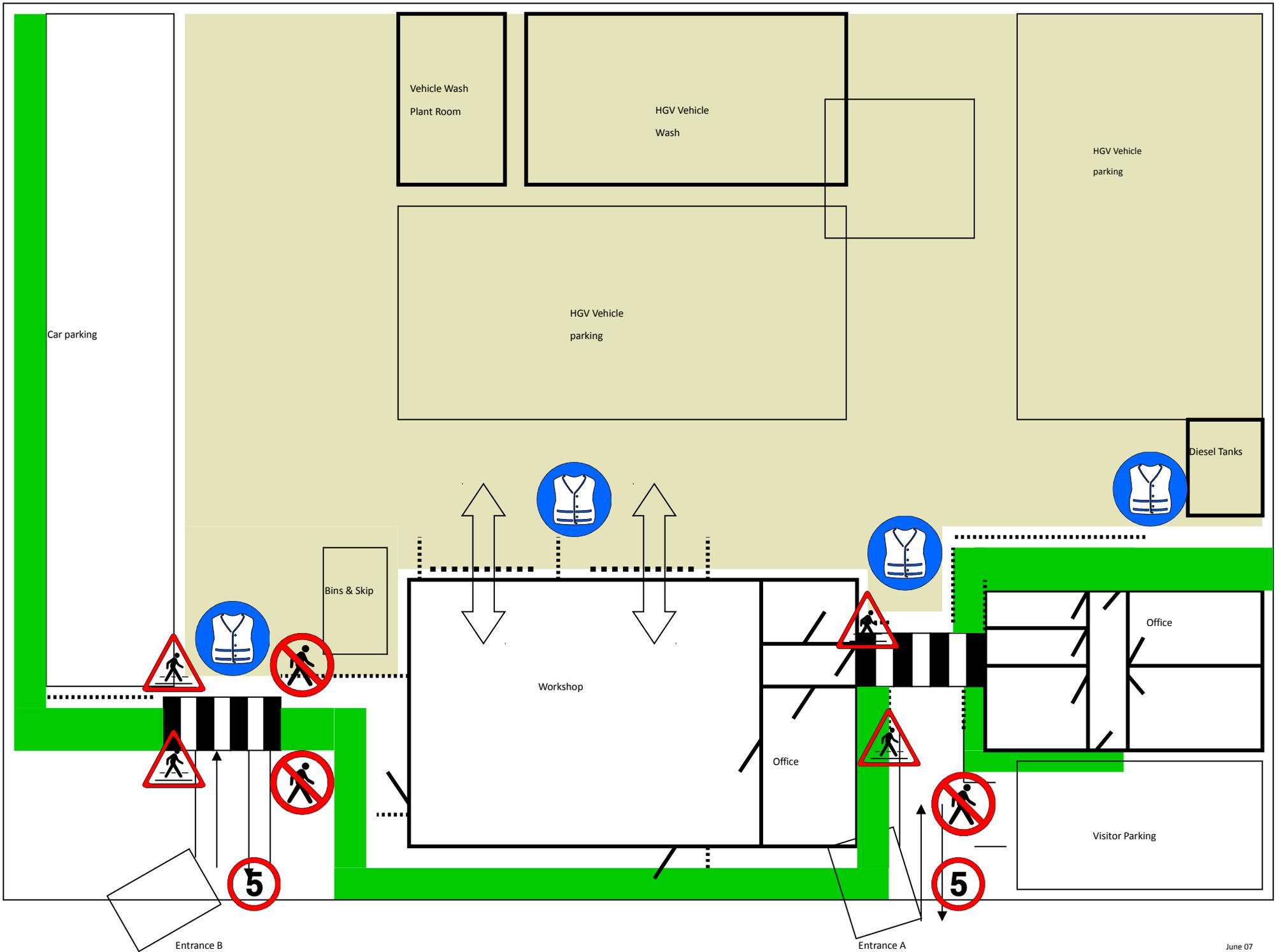




# Pedestrian and Workplace Transport

- Planning for safety
- Separation of pedestrians and vehicles by physical means
- Winter management plans
- DDA requirements for foreseeable visitors





# COSHH Control of Substances Hazardous to Health

## ACOP L8 Water Risk Control



- Requires risk assessment
- Identify Legionella Risks
- Create schematic plans
- Survey and assess
- Set out control regime
- Appoint Duty Holder

# Building Services

- Electrical Fixed/Portable
- Gas
- Waste Water
- Renewable Energy
- Ventilation and Air Handling



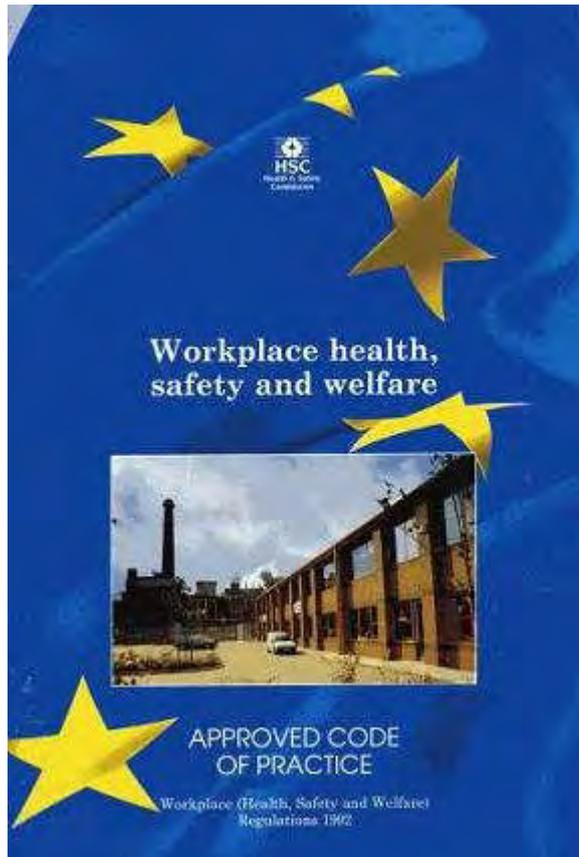
# Working at heights

- Working at height regulations
- Hierarchy of control
- Short duration access
- Low level falls
- Where a fall could cause injury
- Failure to understand risks



# Workplace Health/Safety/Welfare

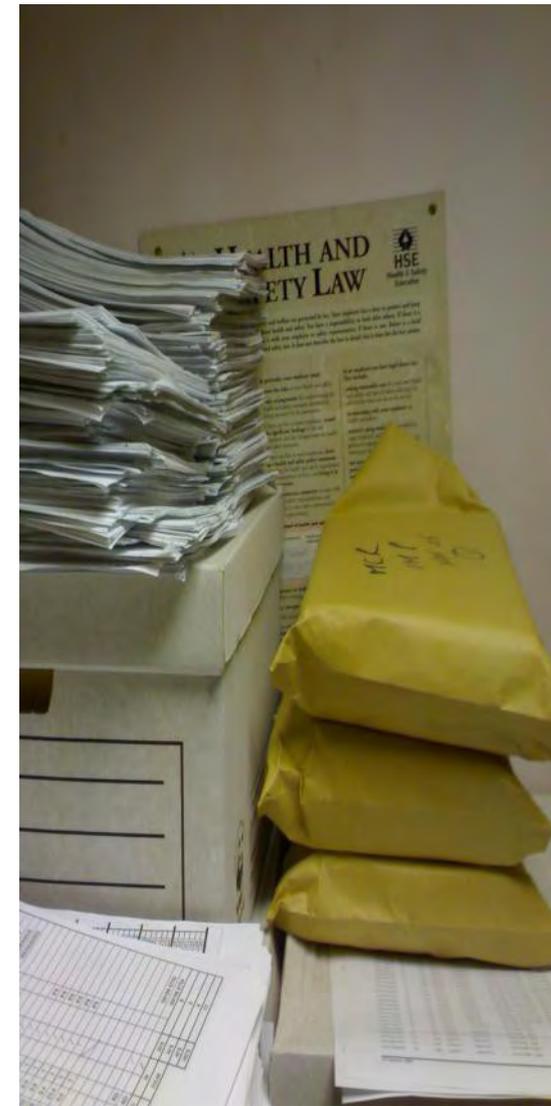
Far ranging.....



- Windows/doors/skylights
- Stairs/Ladders/Falling Objects/Falls
- Washing/Drying/Toilets
- Water/Heat/Light/Space
- Maintenance/Cleaning/Waste Removal
- Traffic Routes/Parking/Loading

# Safety Documentation

- Notice Boards
- Statutory Notices
- Maintenance Records
- Safety Signs/Notices and Warnings
- Safety Policy/Arrangements

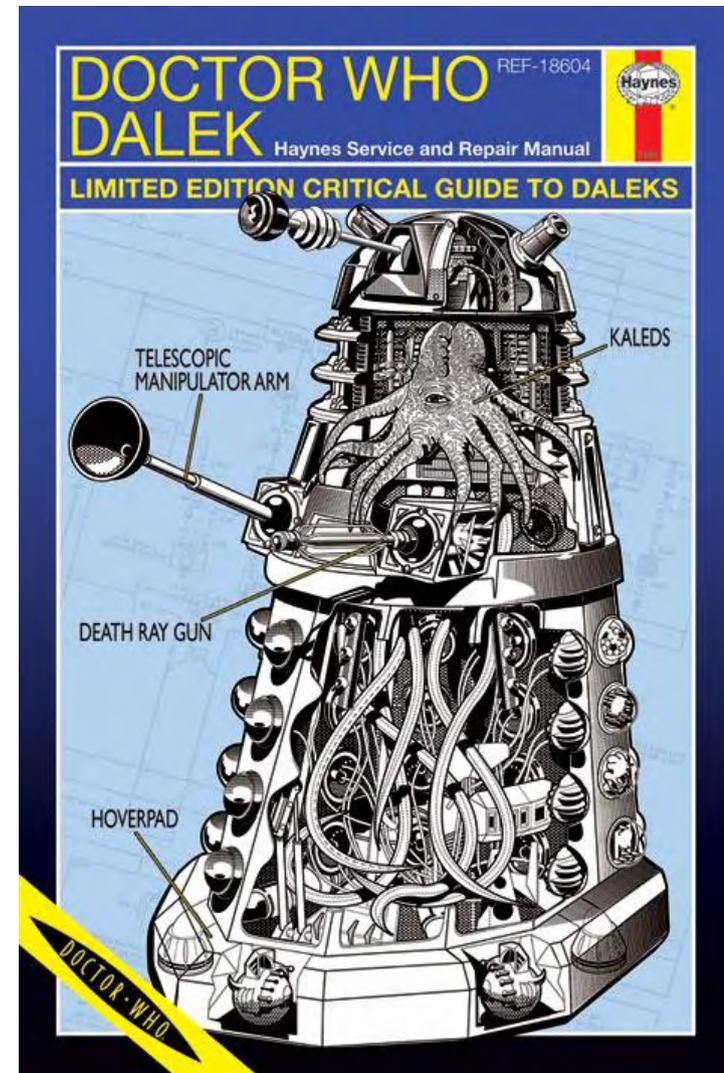
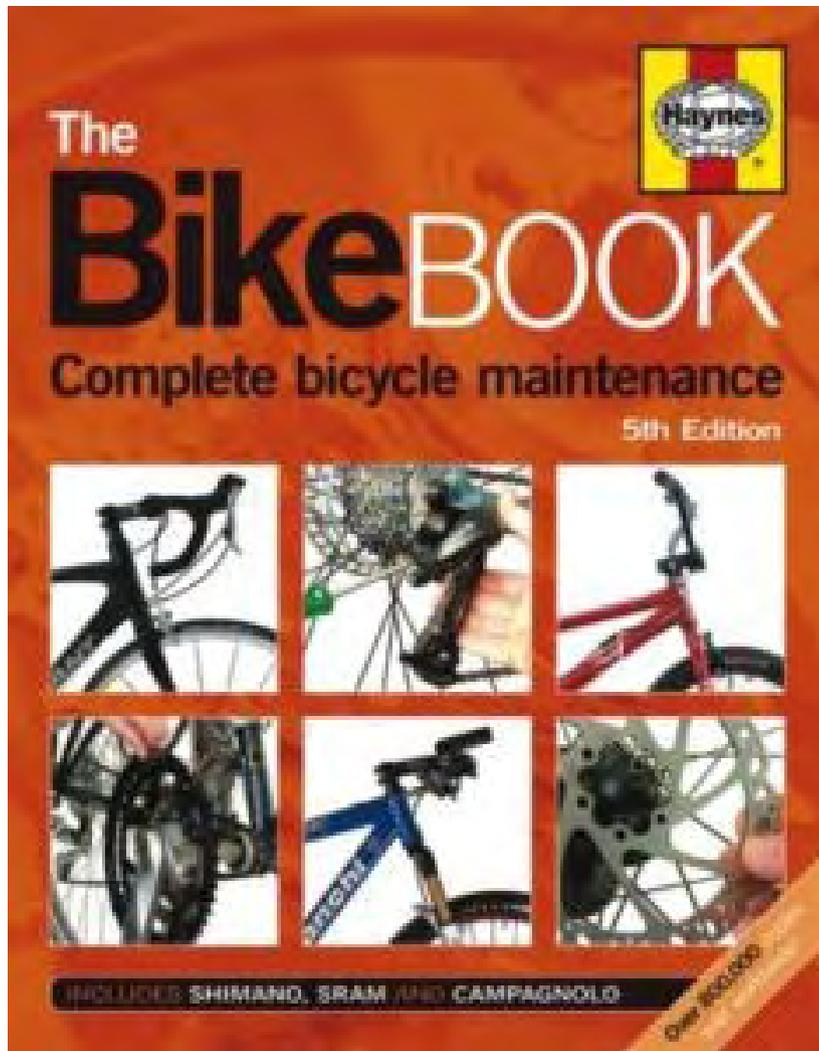


# People, plant and procedures

- Most accidents – Slips and Trips
- Most days off – Manual Handling -sprains and strains
- Most fatalities – Work at Height



# Arrangements



This is how we do things around here...

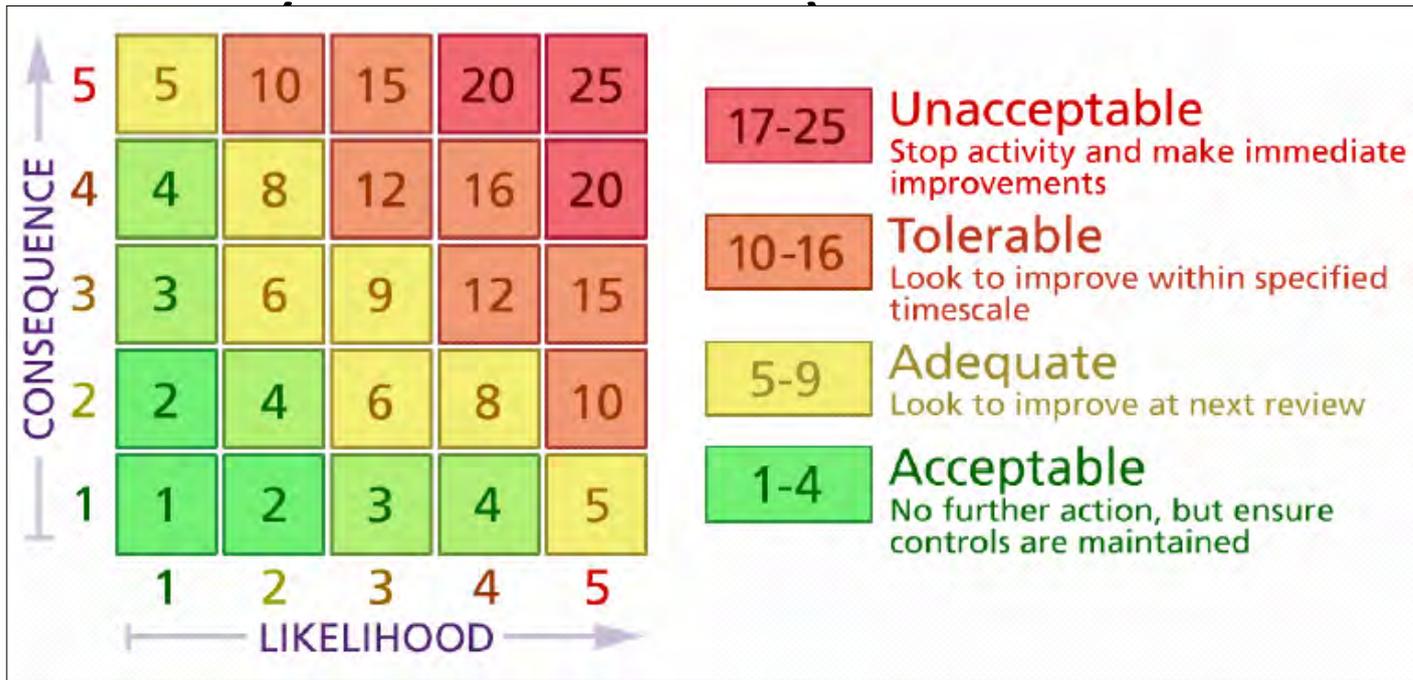
# Risk Assessment

Regulations require the recording of the significant findings of foreseeable risks.

Using the hazard inventory as a 'register' of known hazards, significant hazardous events can be identified and assessed accordingly.

Once established current controls can be considered and an initial risk rating established.

# Risk Assessment



- IOSH Six Steps
- Other professional bodies

1. List the tasks
2. Identify the risk
3. Estimate the risk
4. Evaluate the risk
5. Record
6. Review

# What first-chicken or egg?

Involving others.....inspire, ask open questions let the true facts come to  
  
you!



- Method of work first?
- Risk Assessment first?

Depends on the competence of the cook.

If you're a professional chef, you may well decide on the result and work backwards to decide on the recipe steps. If not you may follow a recipe that some one else has tried and tested. Some people struggle setting out the basic steps of an activity/task

Arrangements before Risk Assessment?

# Some extra thought for when it all goes wrong! (Resilience)



## Emergency Arrangements

- Fire
- First Aid
- Security

## Disaster Recovery (Loss of services/act of God)

- Lighting/heating/alarms/communications
- External, industrial action, civil, criminal etc.
- Winter Management (Snow/Ice/Wind/Flood)

# Local Documentation and sources of reference

Where to go for information:

Trade Associations

HSE Website

Local H&S Groups

IOSH Consultants listing

OSHCR Register

Previous Owners

Fee's for Intervention...or contravention notices.

£124 per/hr



# Pro-active Monitoring



- Checklists
- Routine Monitoring
- Objective detail recorded
- Can demonstrate duty of care
- Identify trends

