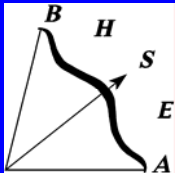


# Principal Contractors Role

David Burgess CMIOSH

Health and Safety Manager  
North Midland Construction Plc.



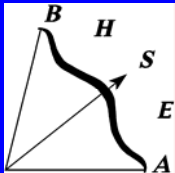
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# Principal Contractors Role

- Plan, manage and monitor the construction phase
- Written plan
- Welfare
- Competence
- Induction
- Consultation
- Design liaison
- Security



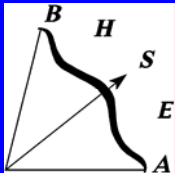
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# Plan, manage and monitor

- Capability
- Timeline
- Resources
- Critical Path
- Measurement
- Identification of Improvements



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# What's helped us

- Common planning process with common procedural support.
- Development of system within our integrated management system.
- Provision of information early to the client and early client liaison.
- Measurement of performance.

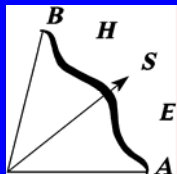


**Winner 2006**

*North Midland Construction plc*



INVESTOR IN PEOPLE



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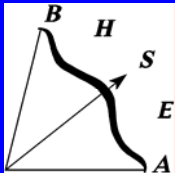


# A simple safety plan

When thou buildest a new house, then thou shalt make a battlement for thy roof, that thou bring not blood upon thine house, if any man fall from thence.

Deuteronomy 22:8

This was before the HSE got involved



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# Alternatively P P P P P P

Proper

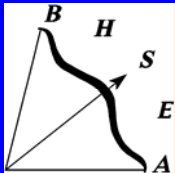
Planning

Prevents

P\*\*\*

Poor

Performance



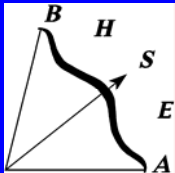
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# Written Plan

- Need not be complex
  - Outline of work
  - Identify roles, responsibilities and individuals
  - Identifies key controls and requirements
  - Distributed to those who need it in the form that they need it (sub-contractors receive only parts that matter).
- 
- Hindsight is always made with 20/20 vision



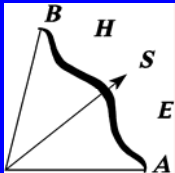
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# Welfare

- Suitable and sufficient for the site and the activities that take place, for example,
  - Demolition
  - Contaminated ground
  - Wet weather working
- Provide facilities from the start of the construction phase
- Provide facilities that you would be willing to use



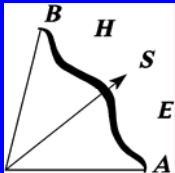
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# Competence

- Check competence of those appointed to the roles identified in the plan.
  - Experience (what have they done before)
  - Qualifications (relevant and current)
  - Support (what do they need)
- Ensure the competence of those carrying out the work.



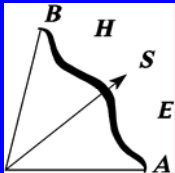
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# Competence

- Competent employees have less accidents.
  - Invest in training for the long term.
  - Provide for people to learn
- Find out what and how your people think
  - Value their opinion
  - Look at perception



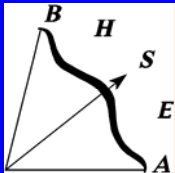
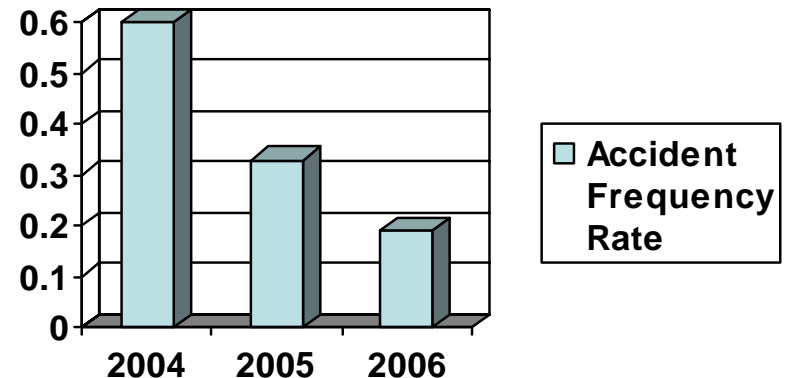
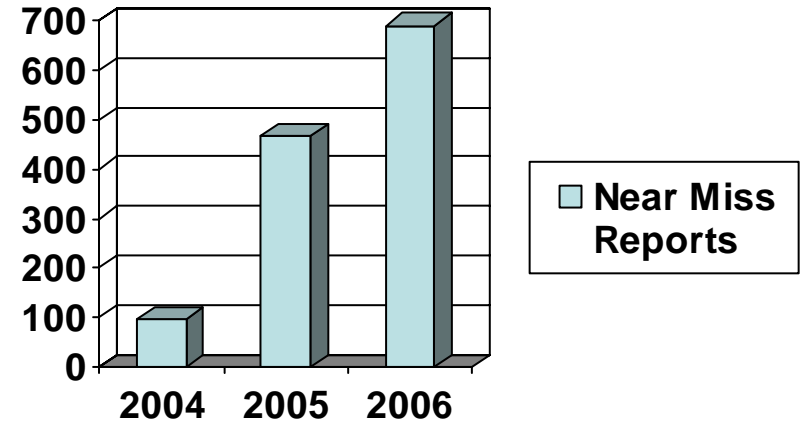
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# What's helped us

- Record number of training days in 2006
- Commitment to employee competence
- Identification and adoption of standards
- Survey of employees and sub-contractors
- Near miss reporting



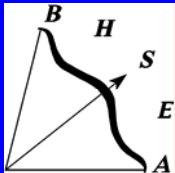
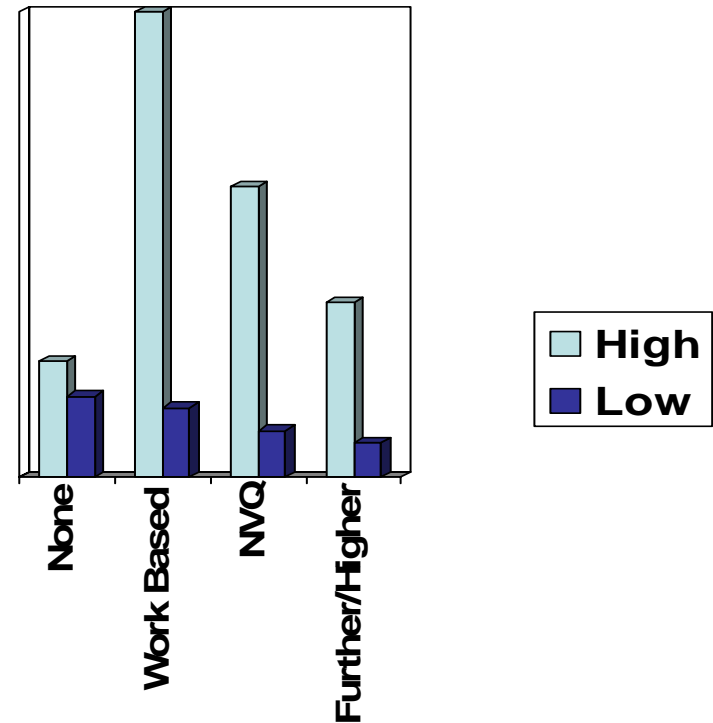
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# Employee Risk Perception

- Employee training had a direct influence on risk perception
- Vocational and work based training had the biggest influence
- Employee perception influences their behaviour



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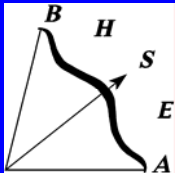
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# Perception and Behaviour



- People do not always make rational decisions
- Influence behaviour by having positive interaction
- Provide facility for reporting of hazards, near misses and other concerns.



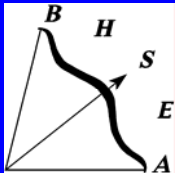
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# Induction

- Short, simple and to the point
  - Make it specific
  - Make it relevant to the receiver
  - Make it understandable
  - Cover the site rules
- Review your induction regularly



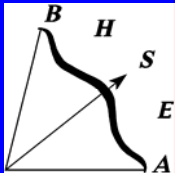
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# Consultation

- Employee involvement
  - People like to feel valued
    - Listen to opinion
    - Have arrangements in place to allow and encourage feedback
      - Don't shoot the messenger
      - Follow through with actions
      - Make sure that people are made aware of what's happening
      - Provide feedback



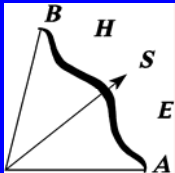
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# Co-ordination

- Co-ordinate with others on site
  - Facilitate meetings with all involved parties on site
    - Some work affects others
    - Some work may require special arrangements that others need to be aware of



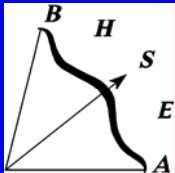
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# Design Liaison

- Nothing prevents unsafe situations more than early intervention
  - Review designs and talk it through
  - Keep your CDMC close and listen to them
- If you have found a solution to an issue during the construction phase, learn from it and above all provide designers with the feedback



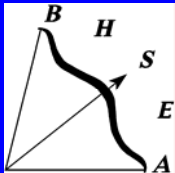
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# Security

- Protect your site from others
  - Keep people out
  - Protect hazardous areas
- Protect others from your site
  - E.g. site access and egress / roads
- Protect others from themselves
  - Lock up plant / Always remove keys
  - Routine inspections / checks



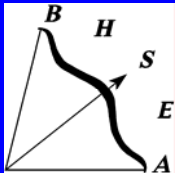
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# What's in it for us

- **The changes gives our industry an opportunity to change behaviour and achieve the next step change in health and safety performance;**
- **A single regulatory package;**
- **Effort devoted to planning and managing a project in proportion with the risks involved;**



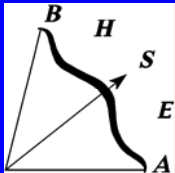
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# And more.....

- Design and planning v production and safety.
- Client duties require much more involvement.
- Early involvement from PC.



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