



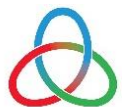
Craig Small FICE, MCIQB
Project Director
Kier Infrastructure



The 1984 Documentary



that predicted #Grenfell



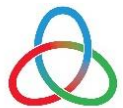
KIER | BAM



- Insufficiently sized cavity barrier
- Ill-fitting window frames leaving large gaps at either end
- Combustible insulation with no markings to identify the manufacturer of the foam
- Flammable core – Aluminium Composite Material used in the façade has a polyethylene (plastic) core, the appears to be highly combustible
- Lack of door closers – absence of door resulted in a significant number of doors being inadvertently left open when residents fled



Events that shaped the Nuclear Industry....



Events that shaped the Nuclear Industry....

Predictable



Preventable



Manageable



Hinkley Point C....

The first nuclear power station to be built in the UK in a generation.

3 Million

Tonnes of Concrete

5.6 MILLION

M³ of earth to be moved

4000 km

electrical cabling

UK businesses set to
secure **64%** of the total
construction spend

25,000

Employment Opportunities



KIER | BAM



The Kier BAM Joint Venture

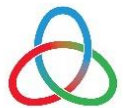
- Kier Infrastructure & BAM Nuttall share 80 year history of JV working together
- Delivering OH2001 Earthworks contract



What are the main causes for quality failures?

Factors that lead to error:

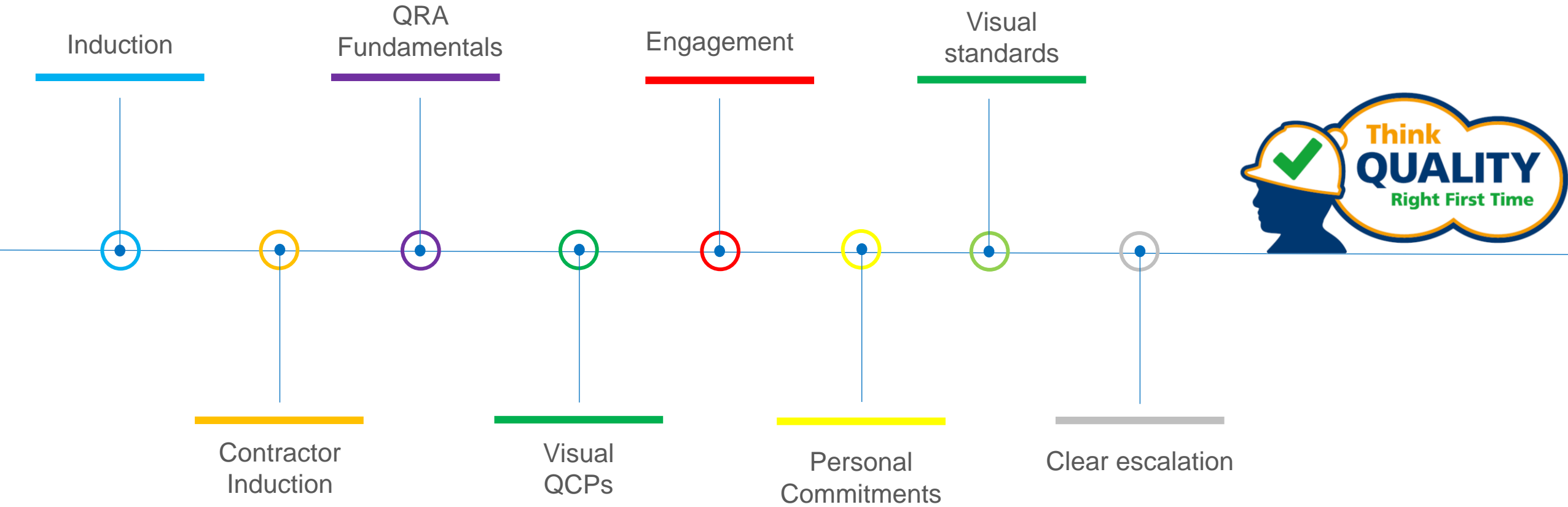
- Task Demands
- Work Environment
- Individual Capabilities
- Human Nature



Nuclear Safety – Quality as a Culture



The Quality Culture Journey



Thank you

