

Ask questions via Slido





Or via sli.do #913221

there is a need for a radical rethink of the whole system and how it works. This is most definitely not just a question of the specification of cladding systems, but of an industry that has not reflected and learned for itself, nor looked to other sectors

Dame Judith Hackitt, Building a Safer Future - Independent Review of Building Regulations and Fire Safety, May 2018

Agenda

An Introduction to the Get it Right Initiative	1
The Impact of the Building Safety Act Upon Cladding Remedial Costs and Litigation	2
An Overview by the Regulator	3
A Contractor's High Level Perspective	4





Wasted spend on error

Direct costs of error (5%)

resources used in correcting an error

Indirect costs of error (7%)

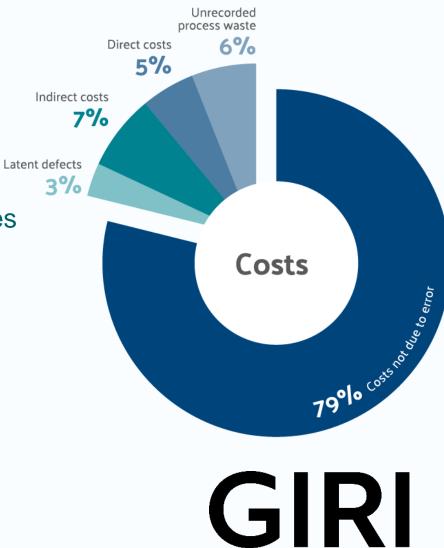
Resources used in follow on work and costs to other parties

Unrecorded process waste (6%)

Errors occur, are identified and corrected without being recorded

Latent defects (3%)

remain in place after client acceptance and any 'defects liability period' has passed

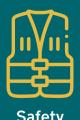




Research



























Agenda

The Gateway Principle	1
Who's paying for remedial costs	2
Limitation	3
The Corporate Veil	4



The gateway principle

The Gateway Principle

- The Gateway Principle
 - A rigorous inspection of regulatory requirements to help ensure building safety risks are considered during planning, design and construction
- The Golden Thread
 - Building information which must be created and updated throughout a building's lifecycle.





Who's paying - cladding remedial costs

Developers

Landlords

Manufacturers

Contractors, Consultants and Others

Who's paying?

Leaseholders

- Leaseholders will <u>not</u> pay for Remediation of Certain Defects
- Leases entered into before 14 February 2022
- Defect arises out of anything done or not done, used or not used, which causes a building safety risk
- Building Safety Risk risk to the safety of people arising from spread of fire or collapse of the building

Who's paying?

Developers

- Developers will be subject to Remediation Orders
- Buildings at least 11 metres high and 5 storeys
- Defect arises out of anything done or not done, used or not used, which causes a building safety risk
- Building Safety Risk risk to the safety of people arising from spread of fire or collapse of the building
- Must remedy within a specified time

Who's paying?

S.148 BSA

- Liable to pay damages if:
- Failure to comply, in relation to any cladding product, with a cladding product requirement applicable at that time or
- Misleading marketing or
- Manufactures a product inherently defective and
- Product is installed in relevant building and
- Building unfit for habitation





Limitation

30 year retrospective 15 year prospective

Limitation

Extensions to time under the DPA and s.38 Building Act

- DPA
- Dwelling must be fit for habitation
- Claim for defective work can be made by anyone with legal or equitable interest against anyone responsible for the defective works
- Strict liability? no negligence needed
- S.38 BA claims for physical damage excludes purely economic loss

Limitation

Extensions to time under the DPA and s.38 Building Act

- If the right of action accrues before commencement date 30 years
- If the right of action accrues after commencement date 15 years
- Protections
 - Breaches of human rights will result in dismissal
 - Claims already dismissed or otherwise concluded will not be reopened

Limitation

Legal action against manufacturers of defective cladding products

- Failure to comply with construction product regulations of the BSB 15 years
- In relation to cladding products:
- If the right of action accrues before commencement date 30 years
- If the right of action accrues after commencement date 15 years





Lifting the corporate veil Building Liability Orders

Remediation Contribution Orders

Building Liability Orders

Liability for organisations / associated persons behind the corporate veil

- An order that the liability of one organisation is also the liability of one or more other organisations - Joint and several
- Can be made in relation to organisations which have been dissolved and will continue to have effect upon subsequent dissolution
- Liabilities arising under:
- DPA
- S.38 Building Act
- Building Safety Risk under BSB

Remediation Contribution Orders

Associated persons of landlords

- An associate of a landlord can be required to contribute towards the costs of Remediation Orders
- Associated person:
 - Directors or
 - Organisations with a controlling interest



Building Safety Regulator

Annette Hall





Building Safety Act

The Act sets up a Building Safety Regulator. Its three main functions will be:

- Lead the delivery of the new, more stringent regulatory regime for buildings in scope
- 2. Promote competence for all buildings, including industry and professionals working on buildings, and building control bodies
- 3. Provide oversight for all buildings focused on using evidence to better manage risks



BSR aims



- A robust, proportionate, evidence-led regulatory regime that is fit for purpose and places residents at its heart
- Provide independent, risk-based assurance of the design, construction and occupation of higher risk buildings
- Promote competence across the industry and regulators, including building control, to raise standards in design, construction and the management of buildings
- Re-establish confidence in the system so that residents are safe – and feel safe – in their homes



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Building Safety Regulator Summary Delivery Plan



- BSR Prog set up in HSE.
- HSE becomes statutory consultee at Planning Gateway One.

ROYAL ASSENT

HSE starts to prepare
Strategic Plan

2021

Statutory Residents' Panel launched

- Occupied higher-risk buildings: New duties on Accountable
 Person for safety and resident complaints & engagement come into
 force.
 Design and construction of higher-risk buildings: BSR
- **Design and construction of higher-risk buildings:** BSR becomes Building Control Authority, inspecting building work.
- Oversight and competence of building control: Registers for building control inspectors and building control approvers open; 6 months registration period.

September 2022

April 2023



April 2024



BSR reaches business as usual; Programme closure

March 2025

March 2022

End of **Discovery** Phase



May 2022

Digital Delivery
& development
starts



December 2022



October 2023

- High-Risk Buildings: Register of High-Rise Residential Buildings opens; Accountable Persons have 6 months to register and prepare.
- Oversight: HSE expected to take on lead responsibility for technical building standards and launch Building Advisory Committee.
- Competence: HSE launches statutory Industry
 Competence Committee and publishes the final standards building control will be required to work to in future.
- Occupied higher-risk buildings: BSR starts assessing safety case reports, issuing Building Assessment Certificates.
- Oversight and competence of building control: new regimes for competence of building control inspectors and performance of local building control bodies come fully into force and are enforced by BSR.

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Building Safety Regulator HSE

Oversight

- Duty to keep safety and standard of buildings under review
- Applies to buildings across the whole built environment
- Broad horizon scanning role
- Oversight of the performance of Building Control Bodies
- DLUHC will retain policy responsibility for the Building Safety Legislation



Safety HSE Regulator

Competence

- We will promote competence among industry professionals and regulators to raise standards in design, construction and the management of buildings
- Competence includes the competence of regulators, such as Building Control
- We are working with organisations, including the BSI, to design the competence framework
- We have recruited an interim independent competence committee.



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New Regulatory Regime – High-Rise Buildings



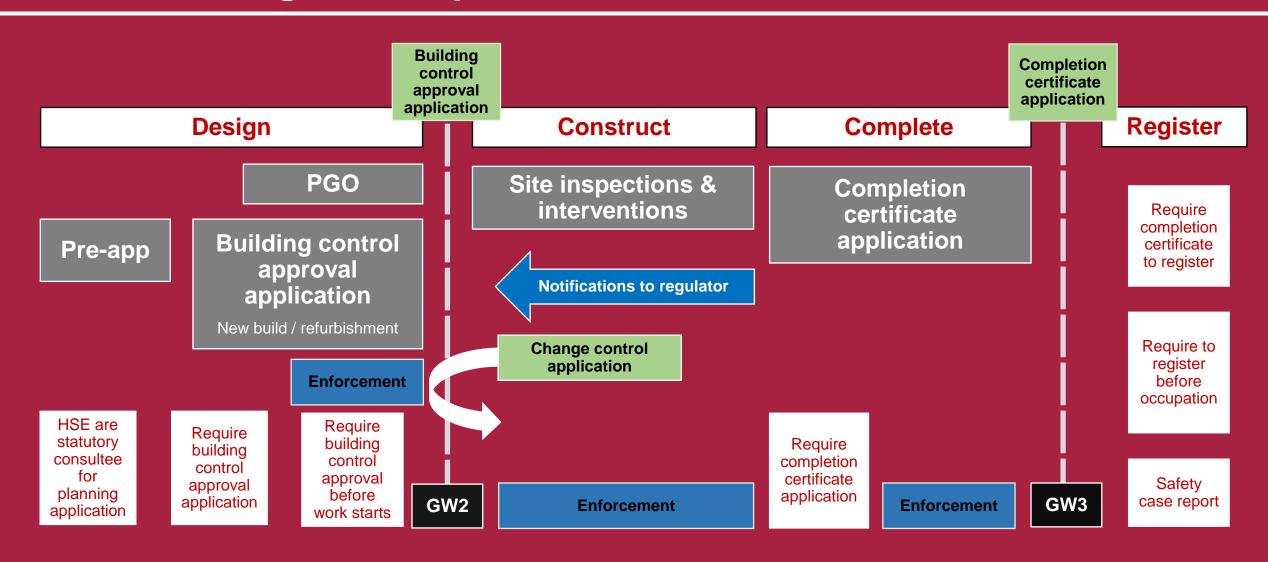
- Buildings at least 18 metres in height, or at least 7 storeys, which contain at least two residential units.
- The BSR will be the Building Control Authority. There will be hard stop 'Gateway' points throughout Design and Construction.
- Sufficient evidence submitted to the BSR before it approves work to progress through gateways.
- An Accountable Person will be responsible for managing the safety of the building once occupied.
 They must demonstrate this to the BSR through a Safety Case/certification process.



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HRB Building control process



Planning gateway one - so far



- HSE raises concerns to prevent poor design getting "baked in" at the planning stage.
- HSE raised concerns on 47% of cases in the first 6 months.
- Actively challenging industry's view that fire safety should only be dealt with at the building regs stage.
- HSE comments are published on the LPAs planning register as a matter of public record.
- HSE substantive responses provide advice for local planning authorities, and applicants. Changes have been made to designs.
- LPAs give due weight to HSEs planning advice and are reluctant to determine planning applications with outstanding PGO planning concerns.
- HSE advice will provide a strong basis for engagement with developers once the BSR is established.







- Get ready for the new system by beginning to understand your own role in the new system.
- Consider whether you have the right skills, knowledge, experience and behaviours required.
- Share experiences and good practice in building design, development and management.
- Understand draft regulations and fact sheets published on the Parliament website.
- Contribute to Consultations planned for 2022.



Keep up to date



HSE are producing an e-Bulletin which contains regular updates on all things BSR please visit HSE's webpages and search for building safety.

Sign up to get the latest news and alerts on the building safety reforms



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- HRBs will have to register with BSR
- Roll out of assessment of existing HRBs in tranches.
- BSR will follow a risk-based approach to prioritise assessment of HRBs and each Safety Cases within each tranche.
- This will be targeted and evidence based
- Local authorities and fire & rescue services will play a role as part of Multi-Disciplinary Teams
- Industry should begin to prepare for the changes.





Explanation of an accountable person

- In most cases the AP will be the freeholder, head lessee or a management company
- The AP will be legally responsible for ensuring they understand fire and structural risks in their buildings
- Take appropriate steps and actions to mitigate and manage these fire and structural risks on an ongoing basis
- The AP will appoint a competent Building Safety manager approved under a system agreed by the BSR





Safety Cases

To meet these new requirements you will need to demonstrate:

- how you are keeping your building safe
- why you believe the measures you have in place to prevent and limit the consequences of a major accident in your building are sufficient and effective, and
- that you have a robust approach to the ongoing management of the building to make sure those measures remain effective.

This requires you to think about your building holistically - to think of it as a system



Balfour Beatty

The Building Safety Act

A Contractors High Level Perspective

GIRI presentation 25th May 2022

Ian Mills – BB UK Head of Quality

Martin Adie – UKCS England and Wales Head of Quality



Our Journey

Passive Fire Protection



BB Task force

BB Fire and Building Safety Leadership Team

BB Quality Leadership Team

2016 2017 2018 2019 2020 2021 2022

Our Quality Culture and our Strategic Priorities



- 1. Balfour Beatty Quality Standards
- 2. Quality Competencies
- 3. Golden Thread
- 4. Quality Metrics
- 5. Quality Governance

Our Quality Culture and our Strategic Priorities



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Fire & Building Safety Leadership Team 2021 -2025

OUR PURPOSE

To lead, Improve and sustain our fire and building safety culture

OUR VISION

We will have inspired and empowered our people and partners to deliver world class fire safe buildings and structures where occupants can feel safe.

OUR FOCUS

Ensuring we deliver and can provide assurance on the fire strategy for every asset we build.

WHO WE ARE

Click here to see the F&BSLT Click here to find out more

FIRE AND BUILDING SAFETY PROGRAMME OUTCOMES

GOVERNANCE

Through digital collaboration, we wil review the way in which we assure the operational build process and manage fire and building safety.

GOLDEN THREAD

We will develop consistent end to end processes, expectations and requirements on all of our projects to ensure that each component part is traceable and recorded and that each part can come together to forma a systematic whole.

COMPETENCE

People who are skilled competent and experienced in fire and building safety embedded in our business and supply chain as an essential element in our future success

COMMUNICATION

We will publicise internally and with our business partners to ensure they feel empowered energised to deliver fire safe buildings

DELIVERABLE ACTIONS

- 1. Define the technical gates
- 2. Develop and enhance the monthly project review process
- Enhance and refocus our design management processes
- Develop a performance and monitoring dashboard
- Develop controls for ensuring time, cost and resources are appropriate for the delivery of a projects fire strategy
- Confirm the fire safety management expectations

- Develop a golden thread process map
- Confirm business wide expectations for all parti
- Understand and publish the requirements of the fire strategies
- Update BMS with appropriate training for our bid and project teams
- Identify the cost benefits to the business

- Establish min standards for fire 1. and building safety related roles
- 2. Review job families
- 3. Develop suite of competencies 2
- 4. Develop a suitable place where training is managed and recorded
- 5. Request fire engineering resource

- Develop HUB site where our people can access and be signposted to relevant information
- Offer a series of awareness training sessions for work winning, design teams and project leads and ensure that training is recorded
- 3. Develop a longer term sustainable comms strategy

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COMPETENCE

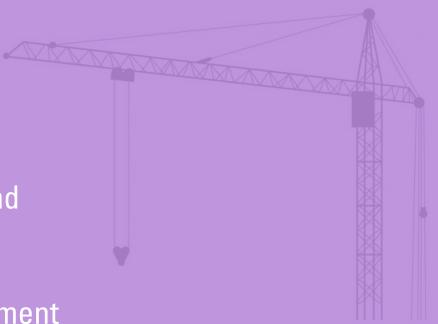
Current Objectives

- 1. Align the competency frameworks issued by Government and to our job roles
- 2. Enhance our technical function to support in specialist area competency gaps
- 3. Fundamental change in our competence criteria and management of job families as part of re-centring our business

GOLDEN THREAD

Current Objectives

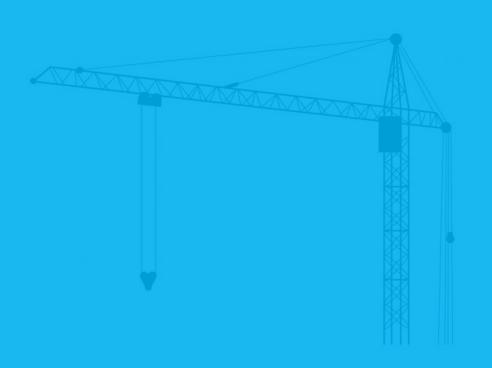
- 1. Ability to demonstrate Compliance with building regulations
- 2. Focus on 'Compliance Led' procurement, design and delivery
- 3. Create a digital process and common data management system to collate the right information for the right products at the right time



GOVERNANCE

Current Objectives

- 1. Turn off the tap Focus on de-risking schemes during the pre-construction period
- 2. Requirements led approach to Monthly Project Reviews on Bid and Live schemes with technical governance structure and clear reporting metrics



Revisit - Quality Culture and Strategic Priorities



- 1. Balfour Beatty Quality Standards
- 2. Quality Competencies
- 3. Golden Thread
- 4. Quality Metrics
- 5. Quality Governance

Challenges

Customers/Building Owners

- Safety Management System
- Asset Information Model
- Building Information Model

Designers

- Architects
 - o 1) Design engagement with CDP's during Stage 4
 - 2) Early selection of products and materials and a systems-based approach
- Services Design complete for Gateway 2 huge implications

Insurers & Lenders

Risk Assessors with limited sector knowledge

Legal Advisers

- Retrospective Claims
- Amendments to standard contracts to offset risk, responsibility and accountability

Supply Chain

- Labour Shortage Material Shortage Inflation
- Legacy clawback element
- Insurance availability
- Multiple Digital Solutions







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