



Freedom of Information request reference number: 7948.1

Date of response: 25/10/2023

Request:

Please provide all information held by your organization(s) (the LFB) related to the following buildings/projects (from planning, design, all the way until operation - where applicable).

The two projects in question are:

- 1. High-rise building named Ten Degrees, 101 George Street, Croydon (construction completed in 2021)
- 2. High-rise building on College Road, Croydon (under construction in 2023)

For the purpose of this FOI request, the categorization of the information may be as follows:

- A. Primary information which has been submitted to LFB by the project teams and/or other authority such as the building control body / planning authority,
- B. Secondary information, which has been issued by LFB externally,
- C. Tertiary information, internal information held by LFB pertaining to the projects (e.g., internal coordination e-mails, inspection records and reports).

This information may include: fire strategy reports, design consultation information, technical reports and design notes, qualitative design review information, meeting minutes, fire test results, and e-mail correspondence.

Please provide this information in its native electronic format (and or searchable and legible pdf) as your organization received it / produced it unaltered and unedited (see note below).

I accept that personal information, national security, or future policy information may be redacted in accordance with the relevant legislation.

Should you require more time to complete the request, please feel free to commence releasing information in tranches either by project (1 and 2) and/or in order of the above list (A to C), starting with primary information.

Should you need any clarification, please do not hesitate to reach out via email.

Response:

Further to your request for information on 101 George Street, Croydon and the High-rise building on College Road, Croydon, I can confirm that LFB do hold this information. Please find attached redacted versions of the Fire Audit reports below for 101 George Street (2021 and 2022) and for the College

Road, Croydon building (2023). The final outcomes were Broadly Compliant for all the reports. Personal data has been redacted in accordance with section 40 of the FOIA – Personal Information.

In September 2021, an Alteration Notice was served to Greystar Europe Holdings Limited. The LFB published an <u>online register</u> of all notices issued since 01 January 2010. The details of the Alteration Notice issued for 101 George Street, Croydon can be accessed via the following link: https://www.london-fire.gov.uk/community/public-notices/public-notice-detail/?id=7022. These Alteration Notices have been put in place to ensure that the Responsible Person (RP) for these premises must consult with the LFB if they plan to make any major changes to the premises.

I have contacted the relevant department and reviewed the remaining information provided. However, upon reviewing the design consultation, fire reports, emails and other relevant information, these documents cannot be released. The information requested is exempt from release under Section 31 of the FOIA – law enforcement; specifically section 31(1)(g) combined with 31(1)(a) and 31(1)(c), Section 41 of the FOIA – Information provided in confidence and Section 43 of the FOIA – Commercial interests.

LFB clearly understands that there is a public interest and concern about knowing about the fire safety of buildings in which we live, work or visit. However, the Brigade needs to maintain a balance between the public interest in safety and the Brigade's ability to work with the responsible person in a safe space where honest, frank and meaningful discussions can take place. The information held by LFB can be considered commercially sensitive and is also shared confidentially between the relevant organisations in order to contribute to discussions to provide fire safety. This includes documented discussions such as emails and Building design consultations, where there would be an expectation of duty of confidence.

LFB are of the view that the correct balance between the public interest in building safety and our ongoing regulatory involvement lies in making information about enforcement action available (formal or informal) to those that request it, but in withholding information and evidence gathered for regulating activities.

We have dealt with your request under the Freedom of Information Act 2000. For more information about this process please see the guidance we publish about making a request on our website: https://www.london-fire.gov.uk/about-us/transparency/request-information-from-us/

Fire Safety Audit Page 1 of 13



Fire Safety Audit Report

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Audited By
Audit Completed 24 June 2021

Location summary

 File No
 20/012433

 UPRN
 200001204928

 Building Name
 Ten Degrees

Address LAND FORMER SITE OF ESSEX HOUSE ADJOINING 100

GEORGE STREET CROYDON CR0 1PJ

Borough Croydon

Use D - Purpose Built Flats>=4 floors

Responsible Team FSR Croydon
Station Ground H31 - Croydon
Site Risk Score 9.00

Total Floors 43

Estimated number of sleeping 0

Special Features

Additional detail

Basement floors 2

Premises Description

IMPORTANT: THIS IS A FIRE ENGINEERED PREMISES ANY MINOR /MAJOR FIT OUTS AND OTHER CONSULTATIONS MUST BE REFERRED TO THE FIRE

ENGINEERING GROUP.

Ten Degrees comprises two tower blocks.

Tower A is 43 storeys and comprises 294 apartments,

Tower B is 37 storeys and comprises 252 apartments. Both share the podium (ground floor); incorporating the reception/concierge area, dog

Fire Safety Audit Page 2 of 13

parlour a mezzanine floor, offices and two retail units plus basements 1 & 2 which contain a car park, plant rooms and refuse stores. Both towers have four lifts serving all floors, one being a firefighting lift and another an evacuation lift. The final exit from Tower A is on the ground floor via a protected corridor leading to College Road, an alternative exit is through reception to George Street. The final exit from Tower B is on the ground floor via a protected corridor leading to the pedestrian walkway between George Street and College Road, an alternative exit is through reception to George Street. Tower A & B both have firefighting staircases with wet rising mains and outlets on each floor. Within each storey landing in both towers a refuge point has been provided with emergency voice communication (EVC) linked to the reception/concierge control panel. There are additional communal areas on the top floors of both towers, Tower A: a cinema room and private dining room, Tower B: a gym.

Environmental Risks NONE

Features assisting fire spread NONE

Site Reinspection date 4 April 1991

Heritage Building No Petroleum redevelopment? No Known firesetting in area? No

Site lone worker risk

Property Detail (DEFAULT PROPERTY)

Occupier Contact Default Property

Address LAND FORMER SITE OF ESSEX HOUSE ADJOINING 100

GEORGE STREET CROYDON CR0 1PJ

Responsible team FSR Croydon

Occupancy Type Occupier - multi or single occupancy
Property Use D - Purpose Built Flats>=4 floors
Valuation Office R3 - Flats/Mais 4 Flrs and over PB

 Original Risk Score
 9.00

 Reinspection Date
 4 April 1991

 Last Inspection
 20 May 2021

Total Capacity (

Maximum number of people >100

Property Size for use Extremely Large

>12601m²

Environmental Risks NONE

Occupant Mobility Average

Fire Loading Average

Additional detail

Specific lone worker risk

Primary Authority Partnership N/A

Protection Data (SHARED)

Fire Protection & Warning Adequate
Unwanted fire signals count 0
AFD remote monitoring No
Smoke ventilation Mechanical
Covers MOE/Common areas? Yes

Covers MOE/Common areas? Yes
Sprinklers Installed? Yes
Sprinkler Type Wet Pipe
Coverage % 100
False activations in past 3 years 0
Fire activations in past 3 years 0
Access for fire-fighting Average
Water supplies Average

Special Features
Fire fighting shafts 0
Engineered solution? YES
Trade off measures? No

Evacuation type Defend in place -Stay Put

History of fires? No

Contacts

Occupier

Name Default Property
Address 101 George Street

Croydon Surrey CR0 1LE

Owner/Co-Owner - NEW

Name Greystar Europe Holdings Ltd
Position Company Secretary
Address Finsbury Circus House

Finsbury Circus House 15 Finsbury Circus

London EC2M 7EB

On Site Representative - NEW

Name - Greystar European Holdings Ltd

Position Facilities Manager
Address Ten Degrees
100A George Street

Croydon CR0 1GP

Telephone Mobile Email

Fire Safety Audit Page 4 of 13 Other relevant contact - NEW Name - Greystar Europe Holdings Ltd Position Director of Operational Risk Management and Health Safety, Europe Address Grevstar Europe Holdings Ltd Finsbury Circus House 15 Finsbury Circus London EC2M 7EB Telephone Mobile Email

Enforcement history

Articles

Article 9 - Risk assessment

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Comprehensive fire risk assessment completed by for Arcadis (UK) Ltd. Significant findings and an action plan are recorded and the building remedial work required is being carried out by the builders Tide Construction as part of the one year handover program. The management systems requiring action are being completed by Greystar Europe.

Article 11 - Fire Safety Arrangements

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

A comprehensive fire risk assessment has been provided with significant findings and an action plan.

Weekly checks of the AFA/AFD system, the emergency lighting, AOV's, sprinkler systems and general condition of the escape routes is carried out by the onsite maintenance team with records and defects kept.

During the first year of being handed over, all maintenance of the installed systems will be undertaken by those competent contractors who installed and commissioned the systems originally. CDS Maintenance Ltd have been employed to continue this maintenance regime with a 3 hour turnaround of any problem found. Greystar have already employed their services to ensure that all systems are operating correctly.

There is a comprehensive Fire Emergency Management Plan which details all of the requirements of the management team and staff.

When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade, this also contains:

- As built plans
- · Compartmentation plans
- · Firefighting lift keys
- Keys to access all risers, service cupboards and plant rooms

Fire Safety Audit Page 5 of 13

Article 11 (continued)

- Information documentation on how to shut down the mains gas, electric and water
- · Summary of the smoke control measures
- Master Key to all apartments

PIB's are located adjacent to the final escape corridors and contain the same information as above, except they do not have the Master Key.

All team members are required to have undertaken training, this is recorded and at this present time is ensuring that all staff receive continuous training monthly to ensure their knowledge is maintained, this will be reduced to six monthly over time.

The Greystar fire management system is designed to adhere to Management level 1 requirements as set out in BS9999. This can only be gauged over time.

Article 13 - Detection and warning

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

A BS5839-1 L5 system installed within the residential corridors to operate the mechanical smoke control system only.

A BS5839-1 L3/M system installed in all amenity spaces and basement car park, those detectors within the car park operate pulse fans to clear the area of smake

A BS5839-6 LD1 system is provided in each residential flat.

The main panel is located in the reception area, with repeater panels located in the final escape corridors for Towers A & B.

At the time of inspection the system was in full working order with no faults showing.

Article 14 - Emergency routes and exits

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

All the components of the means of escape are present. Emergency routes maintained clear with adequate emergency lighting and signage. Those doors inspected are of a FD30 standard fitted with overhead closers. Weekly checks of the emergency lighting and general condition of the escape routes including the fire doors is carried out by the on-site maintenance person with records of defects/remedial action kept. All other final exit doors are fitted with easy to open mechanisms. Within each storey landing in both towers a refuge point has been provided with emergency voice communication (EVC) linked to the reception/concierge control panel.

Separation from the Tower A & B ground floor corridors from the reception area is provided by fire and smoke curtains - there are manual overrides provided adjacent to each curtain. The ground floor final escape corridors in Towers A & B, the lifts are provided with fire and smoke curtains - there are manual overrides provided adjacent to each curtain.

At the time of inspection it was noted that additional way finding signage was required in the basement carpark and also 'Do not use the lifts in the case of

Page 6 of 13 Fire Safety Audit

Article 14 (continued)

Fire' signs were required in the lift lobbies. I spoke to time and have followed this up with an email.

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Article 15 - Procedures for serious and imminent danger and for danger areas Observations

The procedures to be followed in the event of fire is twofold i.e. A 'Stay Put' plan is in place for unaffected flats; with single stage evacuation of the amenity/communal areas and any affected flat. This was backed up in writing and provided to residents via a handbook when they enter into a lease contract. I spoke to a resident, who confirmed their understanding of the emergency plan.

If the alarm sounds within the amenity/communal areas the management team will identify its location and commence evacuation of the fire floor first. A key fob system has been introduced to allow the management team to monitor the use of the communal areas on the top floor of each tower, thus allowing them to make the decision as to whether to send a team member to the top floors if not required to do so. CCTV also allows them to monitor these spaces. An evacuation lift is provided for the management team to access those storey landings as required if communication has been received via the emergency voice communication system, in addition it will allow them to access the upper amenity/communal floors if they are required to sweep them.

A disabled evacuation chair has been provided for the mezzanine floor and all staff are trained to use this piece of equipment.

When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade.

Article 17 - Maintenance

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Weekly checks of the AFA/AFD system, the emergency lighting, AOV's, sprinkler systems and general condition of the escape routes is carried out by the onsite maintenance team with records and defects kept.

During the first year of being handed over, all maintenance of the installed systems will be undertaken by those competent contractors who installed and commissioned the systems originally. CDS Maintenance Ltd have been employed to continue this maintenance regime with a 3 hour turnaround of any problem found. Greystar have already employed their services to ensure that all systems are operating correctly.

Fire Safety Audit Page 7 of 13

Article 21 - Training

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

All team members are required to have undertaken the following training, some is provided by outside contractors the remainder by

- · Fire Safety at Work Green Cross
- · First aid training Green Cross
- · Property Specific Life Safety Systems -
- Location of all main intakes -
- The Fire Emergency Plan -
- Evacuation Lift Kone
- · Disabled Evacuation Chair Green Cross
- Fire Fighting Equipment CDS Maintenance Ltd

All training is recorded and at this present time the little litt

Article 8 - General fire precautions

Safety Evaluation

Observations

Not Applicable

None

Article 10 - Principles of prevention to be applied

Safety Evaluation Not Applicable Observations

None

Article 12 - Elimination or reduction of risks from dangerous substances

Safety Evaluation Broadly Compliant

Observations

200 ltrs of diesel for use in powering the back up pumps, is being stored in a bunting tank, on the ground floor, under the mezzanine garden in an area of natural ventilation. A spill kit is located next to the drum.

I have spoken/emailed our petroleum Team who have advised that we do not enforce or have remit for diesel. They recommended that the environmental agency website was looked at. I have spoken to about this and in addition advised that the area will require signage and the FRA will need to be reviewed. An email to this affect has been sent to

Fire Safety Audit Page 8 of 13

Article 13 - Fire Fighting Equipment

Safety Evaluation

Observations

Not Applicable

None

Article 16 - Measures for dealing with dangerous substances affecting general fire precautions

Safety Evaluation

Observations

Not Applicable

None

Article 18 - Safety assistance

Safety Evaluation

Observations

Broadly Compliant

Competent persons appointed - maintenance engineer, fire risk assessor,

external approved contractors.

Article 19 - Provision of information to employees

Safety Evaluation

Observations

Not Applicable

None

Article 20 - Provision of information to employers and the self employed from outside undertakings

Safety Evaluation Broadly Compliant Observations

Information is provided as required and is comprehensible, relevant and sufficient. There is a dedicated visitor signing in/out procedure. Emergency notices are prominently placed and only established, recognised and approved contractors are employed.

contractors are employed.

Fire Safety Audit Page 9 of 13

Article 22 - Co-operation and co-ordination

Safety Evaluation

Observations

Not Applicable

None

Article 23 - General duties of employees at work

Safety Evaluation

Observations

Not Applicable

None

Article 37 - Fire fighters switches for luminous tube signs

Safety Evaluation

Observations

Not Applicable

None

Article 38 - Maintenance of measures provided for protection of fire fighters

Safety Evaluation

Observations

Broadly Compliant

- A BS EN 12845 sprinkler system is installed to protect the ground floor podium and Basements 1 & 2 - shut off valve located adjacent the reception desk.
- A BS 9251 residential sprinkler system is installed to protect the residential apartments - shut off valves located within each storey landing.
- 3. Separation from the Tower A & B ground floor corridors from the reception area is provided by fire and smoke curtains - there are manual overrides provided adjacent to each curtain.
- 4. The ground floor final escape corridors in Towers A & B, the lifts are provided with fire and smoke curtains - there are manual overrides provided adjacent to each curtain.
- The stair lobbies and residential corridors are fitted with a mechanical smoke control system.

During the first year of being handed over, all maintenance of the installed systems will be undertaken by those competent contractors who installed and commissioned the systems originally. CDS Maintenance Ltd have been employed to continue this maintenance regime with a 3 hour turnaround of any problem found. Greystar have already employed their services to ensure that all systems are operating correctly.

Fire Safety Audit Page 10 of 13

Article 24 - Power to make regulations

Safety Evaluation Observations

Not Applicable None

Article 27 - Powers of inspectors

Safety Evaluation Observations

Not Applicable None

Article 29 - Current alterations notices

Safety Evaluation Observations

Not Applicable None

Article 30 - Current enforcement notices

Safety Evaluation Observations

Not Applicable None

Article 31 - Current prohibition notices

Safety Evaluation Observations

Not Applicable None

Article 32 - Offences

Safety Evaluation Observations

Not Applicable None

Fire Safety Audit Page 11 of 13

Overall safety standard

Broadly Compliant

Management compliance level

Management Compliance Level 1 - Well above average

Initial Expectation Verbal action

Considered EMM? Yes

Confirmed Action Verbal action

Fire Safety Audit Audit Conclusion 24/06/2021 09:57 This inspection included two visits to site, one with This visit was to speak/look at the engineering solutions that were in place at the property. The second visit was with and this was to talk through the life safety systems, inspect the FRA and the building as required by the RRO. 24/06/2021 09:47 Ten Degrees comprises two tower blocks. Tower A is 43 storeys and comprises 294 apartments, Tower B is 37 storeys and comprises 252 apartments. Both share the podium (ground floor); incorporating the reception/concierge area, dog parlour a mezzanine floor, offices and two retail units plus basements 1 & 2 which contain a car park, plant rooms and refuse stores. Both towers have four lifts serving all floors, one being a firefighting lift and another an evacuation lift. The final exit from Tower A is on the ground floor via a protected corridor leading to College Road, an alternative exit is through reception to George Street. The final exit from Tower B is on the ground floor via a protected corridor leading to the pedestrian walkway between George Street and College Road, an alternative exit is through reception to George Street. Tower A & B both have firefighting staircases with wet rising mains and outlets on each floor, inlets to supplement the wet riser supply tanks are located in George Street, College Road and the pedestrian walkway between George Street and College Road. Within each storey landing in both towers a refuge point has been provided with emergency voice communication (EVC) linked to the reception/concierge control panel. There are additional communal areas on the top floors of both towers, Tower A: a cinema room and private dining room, Tower B: a gym. Competent persons appointed - maintenance engineer, fire risk assessor, external approved contractors etc. During the first year of being handed over, all maintenance of the installed systems will be undertaken by those competent contractors who installed and commissioned the systems originally. CDS Maintenance Ltd have been employed to continue this maintenance regime with a 3 hour turnaround of any problem found. Greystar have already employed their services to ensure that all systems are operating correctly. There is a comprehensive Fire Emergency Management Plan which details all of the requirements of the management team and staff. When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade, in addition to the information we would expect it contains the Master Key for all apartments. PIB's are located adjacent to the final escape corridors and contain the same information as above, except they do not have the Master Key. All team members are required to have undertaken training, this is recorded and at this present time is ensuring that all staff receive continuous training monthly to ensure their knowledge is maintained, this will be reduced to six monthly over time. At the time of inspection it was noted that additional way finding signage was required in the basement carpark, 'Do not use the lifts in the case of Fire' signs were required in the lift lobbies and the labelling of the at the time and have followed this up with sprinkler valve cupboards on each floor. I spoke to an email. 24/06/2021 09:47 Initial Expectation: Verbal action

Fire Safety Audit Page 13 of 13

Verbal Advice Given

None given

Other Authorities to notify

None

Weeks to Complete Work

N/A

Specific instructions for Admin to Action

The address in the Location and Property Tabs needs to be changed to 100A George Street, Croydon, CR0 1GP - the official address for this property.

Compliance calculation & signature

Compliance Level 1 - Well above average

Property Risk Group B - Sleeping familiar or Licensed Premises

 Life Risk
 -17.1

 Actual Risk Score
 3.79

 Risk Score
 3.75

Audit Timings

Audit Duration Travel Time Post Audit Processing Duration 360 90 300

Fire Safety Audit Page 1 of 12



Fire Safety Audit Report

Audit Information

Audited By

Audit Completed 7 April 2022

Location summary

 File No
 20/012433

 UPRN
 10095494532

 Building Name
 TEN DEGREES

Address 100A GEORGE STREET

CROYDON CRO 1PJ

Borough Croydon

Use D - Purpose Built Flats>=4 floors
Responsible Team FSR Croydon, Bromley & Sutton

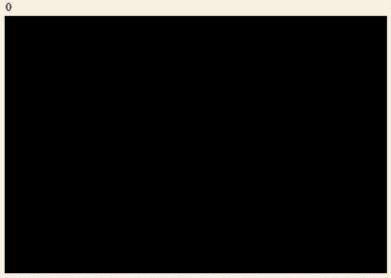
Station Ground H31 - Croydon

Site Risk Score 4.00 Total Floors 43

Total Floors 43 Basement floors 2

Estimated number of sleeping

Special Features
Additional detail



Premises Description

IMPORTANT: THIS IS A FIRE ENGINEERED PREMISES ANY MINOR /MAJOR FIT OUTS AND OTHER CONSULTATIONS MUST BE REFERRED TO THE FIRE ENGINEERING GROUP.

Ten Degrees comprises two

Tower A is 43 storeys and comprises 294 apartments, Tower B is 37 storeys and comprises 252 apartments. Both share the podium (ground floor); incorporating the reception/concierge area, dog parlour a mezzanine floor, offices and two retail units plus basements 1 & 2 which contain a car park, plant rooms and refuse stores. Both towers have four lifts serving all floors, one being a firefighting lift and another an evacuation lift. The final exit from Tower A is on the ground floor via a

Fire Safety Audit protected corridor leading to College Road, an alternative exit is through reception to George Street. The final exit from Tower B is on the ground floor via a protected corridor leading to the pedestrian walkway between George Street and College Road, an alternative exit is through reception to George Street. **Environmental Risks** NONE Features assisting fire spread NONE Site Reinspection date **Heritage Building** No Petroleum redevelopment? No Known firesetting in area? No Site lone worker risk

Property Detail (DEFAULT PROPERTY)

ALTERATIONS NOTICE PRESENT ON PROPERTY

Occupier Contact Default Property
Address 100A GEORGE STREET

CROYDON CR0 1PJ

Responsible team FSR Croydon, Bromley & Sutton

Occupancy Type Sole Occupier

Property Use D - Purpose Built Flats>=4 floors
Valuation Office R3 - Flats/Mais 4 Flrs and over PB

Original Risk Score 3.75

Reinspection Date N/A (SAMPLE)
Last Inspection 7 December 2021

Total Capacity 0

Maximum number of people >100

Property Size for use Extremely Large

>12601m²

Environmental Risks NONE

Occupant Mobility Average

Fire Loading Average

Additional detail

Specific lone worker risk

Primary Authority Partnership N/A

Protection Data (SHARED)

Fire Protection & Warning Adequate
Unwanted fire signals count
AFD remote monitoring No
Smoke ventilation Mechanical

Covers MOE/Common areas? Yes

Fire Safety Audit Page 3 of 12 Sprinklers Installed? Yes Wet Pipe Sprinkler Type Coverage % 100 False activations in past 3 years Fire activations in past 3 years Access for fire-fighting Average Water supplies Average **Special Features** # Fire fighting shafts **Engineered solution?** YES Trade off measures? No **Evacuation type** Defend in place -Stay Put History of fires? No

Contacts

Occupier

Name Default Property
Address 101 George Street

Croydon Surrey CR0 1LE

Owner/Co-Owner

Name Greystar Europe Holdings Ltd
Position Company Secretary
Address Finsbury Circus House
15 Finsbury Circus
London

EC2M 7EB

On Site Representative

Name Greystar Europe Holdings Ltd

Responsible Person
Position Facilities Manager
Address Ten Degrees

100A George Street Croydon

Surrey CR0 1GP Telephone

Other relevant contact

Email

Name Greystar Europe Holdings Ltd
Responsible Person

Position Director of Operational Risk Management

Address Finsbury Circus House

15 Finsbury Circus London EC2M 7EB

Telephone Email

Fire Safety Audit Page 4 of 12

Enforcement history

Alterations Notices

Date Issued 16 September 2021 RA Required? YES

Articles

Article 9 - Risk assessment

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Comprehensive fire risk assessment completed by of Arcadis (UK)
Ltd. Significant findings and an action plan are recorded and the building
remedial work required is being carried out by the builders Tide Construction as
part of the one year handover program. The management systems requiring
action are being completed by Greystar Europe.

The FRA is due to be reviewed June 2022 by Compliance Solutions.

Article 11 - Fire Safety Arrangements

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

A comprehensive fire risk assessment has been provided with significant findings and an action plan.

Weekly checks of the AFA/AFD system, the emergency lighting, AOV's, sprinkler systems and general condition of the escape routes is carried out by the onsite maintenance team with records and defects kept.

Competent persons appointed - maintenance engineer, fire risk assessor, external approved contractors.

Complete Detection Systems Ltd have been employed to continue this maintenance regime with a 3 hour turnaround of any problem found.

There is a comprehensive Fire Emergency Management Plan which details all of the requirements of the management team and staff.

When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade, this also contains:

- As built plans
- · Compartmentation plans
- · Firefighting lift keys
- · Keys to access all risers, service cupboards and plant rooms
- Information documentation on how to shut down the mains gas, electric and water
- Summary of the smoke control measures
- · Master Key to all apartments

PIB's are located adjacent to the final escape corridors and contain the same information as above, except they do not have the Master Key.

All team members are required to have undertaken training, this is recorded and at this present time is ensuring that all staff receive

Fire Safety Audit Page 5 of 12

Article 11 (continued) continuous training monthly to ensure their knowledge is maintained, this will be reduced to six monthly over time.

The Greystar fire management system is designed to adhere to Management Article 13 - Detection and warning

SAFETY CRITICAL Safety Evaluation **Broadly Compliant**

Observations

A BS5839-1 L5 system installed within the residential corridors to operate the mechanical smoke control system only. A BS5839-1 L3/M system installed in all amenity spaces and basement car park, those detectors within the car park operate pulse fans to clear the area of smoke. A BS5839-6 LD1 system is provided in each residential flat.

The main panel is located in the reception area, with repeater panels located in the final escape corridors for Towers A & B. At the time of inspection the system was in full working order with no faults showing.

Article 14 - Emergency routes and exits

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

All the components of the means of escape are present. Emergency routes maintained clear with adequate emergency lighting and signage. Those doors inspected are of a FD30 standard fitted with overhead closers. Weekly checks of the emergency lighting and general condition of the escape routes including the fire doors is carried out by the on-site maintenance person with records of defects/remedial action kept. All other final exit doors are fitted with easy to open mechanisms. Within each storey landing in both towers a refuge point has been provided with emergency voice communication (EVC) linked to the reception/concierge control panel.

Separation from the Tower A & B ground floor corridors from the reception area is provided by fire and smoke curtains - there are manual overrides provided adjacent to each curtain. The ground floor final escape corridors in Towers A & B, the lifts are provided with fire and smoke curtains - there are manual overrides provided adjacent to each curtain.

Fire Safety Audit Page 6 of 12

Article 15 - Procedures for serious and imminent danger and for danger areas

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

The procedures to be followed in the event of fire is twofold i.e. A 'Stay Put' plan is in place for unaffected flats; with single stage evacuation of the amenity/communal areas and any affected flat. This was backed up in writing and provided to residents when they enter into a contract. I spoke to a resident, who confirmed their understanding of the emergency plan. If the alarm sounds within the amenity/communal areas the management team will identify its location and commence evacuation of the fire floor first. A key fob system has been introduced to allow the management team to monitor the use of the communal areas on the top floor of each tower, thus allowing them to make the decision as to whether to send a team member to the top floors if not required to do so. CCTV also allows them to monitor these spaces. An evacuation lift is provided for the management team to access those storey landings as required if communication has been received via the emergency voice communication system, in addition it will allow them to access the upper amenity/communal floors if they are required to sweep them. A disabled evacuation chair has been provided for the mezzanine floor and all

staff are trained to use this piece of equipment.

When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade.

Article 17 - Maintenance

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Weekly checks of the AFA/AFD system, the emergency lighting, AOV's, sprinkler systems and general condition of the escape routes is carried out by the onsite maintenance team with records and defects kept.

Complete Detection Systems Ltd have been employed to carry out the maintenance regime with a 3 hour turnaround of any problem found. All fire life safety maintenance records are kept on the Facility Managers computer matrix.

Fire Safety Audit Page 7 of 12

Article 21 - Training

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

All team members are required to have undertaken the following training, some is provided by outside contractors the remainder by

- · Fire Safety at Work Green Cross
- · First aid training Green Cross
- · Property Specific Life Safety Systems -
- · Location of all main intakes -
- The Fire Emergency Plan -
- · Evacuation Lift Kone
- · Disabled Evacuation Chair Green Cross
- Fire Fighting Equipment CDS Maintenance Ltd

All training is recorded and at this present time as a second is ensuring that all staff receive their training every six months.

Article 8 - General fire precautions

Safety Evaluation Not Applicable Observations

None

Article 10 - Principles of prevention to be applied

Safety Evaluation Not Applicable Observations

None

Article 12 - Elimination or reduction of risks from dangerous substances

Safety Evaluation Broadly Compliant

Observations

200 litres of diesel for use in powering the back-up pumps, is being stored in a bunting tank, on the ground floor, under the mezzanine garden in an area of natural ventilation. A spill kit is located next to the drum.

Fire Safety Audit Page 8 of 12

Article 13 - Fire Fighting Equipment

Safety Evaluation

Observations

Not Applicable

None

Article 16 - Measures for dealing with dangerous substances affecting general fire precautions

Safety Evaluation

Observations

Not Applicable

Article 18 - Safety assistance

Safety Evaluation

Observations

Broadly Compliant

Competent persons appointed - maintenance engineer, fire risk assessor,

external approved contractors.

Article 19 - Provision of information to employees

Safety Evaluation

Observations

Not Applicable

None

Article 20 - Provision of information to employers and the self employed from outside undertakings

Safety Evaluation Broadly Compliant Observations

Information is provided as required and is comprehensible, relevant and sufficient. There is a dedicated visitor signing in/out procedure. Emergency notices are prominently placed and only established, recognised and approved contractors are employed.

contractors are employed.

Fire Safety Audit Page 9 of 12

Article 22 - Co-operation and co-ordination

Safety Evaluation

Observations

Not Applicable

None

Article 23 - General duties of employees at work

Safety Evaluation

Observations

Not Applicable

None

Article 37 - Fire fighters switches for luminous tube signs

Safety Evaluation

Observations

Not Applicable

None

Article 38 - Maintenance of measures provided for protection of fire fighters

Safety Evaluation

Broadly Compliant

Observations

- A BS EN 12845 sprinkler system is installed to protect the ground floor podium and Basements 1 & 2 - shut off valve located adjacent the reception desk.
- 2. A BS 9251 residential sprinkler system is installed to protect the residential apartments shut off valves located within each storey landing.
- 3. Separation from the Tower A & B ground floor corridors from the reception area is provided by fire and smoke curtains - there are manual overrides provided adjacent to each curtain.
- 4. The ground floor final escape corridors in Towers A & B, the lifts are provided with fire and smoke curtains - there are manual overrides provided adjacent to each curtain.
- The stair lobbies and residential corridors are fitted with a mechanical smoke control system.

Inlets to supplement the wet riser supply tanks are located in George Street, College Road and the pedestrian walkway between George Street and College Road.

Complete Detection Systems Ltd have been employed to carry out the maintenance regime with a 3 hour turnaround of any problem found. All fire life safety maintenance records are kept on the Facility Managers computer matrix.

Fire Safety Audit Page 10 of 12

Article 24 - Power to make regulations

Safety Evaluation

Observations

Not Applicable

None

Article 27 - Powers of inspectors

Safety Evaluation

Observations

Not Applicable

None

Article 29 - Current alterations notices

Safety Evaluation

Observations

Not Applicable

None

Article 30 - Current enforcement notices

Safety Evaluation

Observations

Not Applicable

None

Article 31 - Current prohibition notices

Safety Evaluation

Observations

Not Applicable

None

Article 32 - Offences

Safety Evaluation Not Applicable

Observations

None

Fire Safety Audit Page 11 of 12

Overall safety standard

Broadly Compliant

Management compliance level

Management Compliance Level 1 - Well above average

Initial Expectation Verbal action

Considered EMM? Yes

Confirmed Action Verbal action

Audit Conclusion

07/04/2022 15:58

Programmed inspection carried out with the Facilities manager. This included the inspection of were the compartment walls had been opened to allow access to the steel structure following a complaint from the resident. The wall has been re-built to the appropriate standard and Greystar await the report on the findings. This will be forwarded to LFB for our records.

Ten Degrees comprises two

294 apartments,

tower blocks. Tower A is 43 storeys and comprises

Tower B is 37 storeys and comprises 252 apartments. Both share the podium (ground floor); incorporating the reception/concierge area, dog parlour a mezzanine floor, offices and two retail units plus basements 1 & 2 which contain a car park, plant rooms and refuse stores. Both towers have four lifts serving all floors, one being a firefighting lift and another an evacuation lift. The final exit from Tower A is on the ground floor via a protected corridor leading to College Road, an alternative exit is through reception to George Street. The final exit from Tower B is on the ground floor via a protected corridor leading to the pedestrian walkway between George Street and College Road, an alternative exit is through reception to George Street. Tower A & B both have firefighting staircases with wet rising mains and outlets on each floor, inlets to supplement the wet riser supply tanks are located in George Street, College Road and the pedestrian walkway between George Street and College Road. Within each storey landing in both towers a refuge point has been provided with emergency voice communication (EVC) linked to the reception/concierge control panel. There are additional communal areas on the top floors of both towers, Tower A: a cinema room and private dining room, Tower B: a gym.

Competent persons appointed - maintenance engineer, fire risk assessor, external approved contractors etc. Complete Detection Systems Ltd have been employed to carry out the maintenance regime with a 3 hour turnaround of any problem found. All fire life safety maintenance records are kept on the Facility Managers computer matrix.

There is a comprehensive Fire Emergency Management Plan which details all of the requirements of the management team and staff.

When a disabled or disability impaired residents sign a lease contract a PEEP will be agreed and documented with the resident, placed in a sealed envelope and held in the 'Emergency Go Box' located in the reception, for use by the fire brigade, in addition to the information we would expect it contains the Master Key for all apartments.

PIB's are located adjacent to the final escape corridors and contain the same information as above, except they do not have the Master Key.

All training is recorded and at this present time is ensuring that all staff receive their training every six months.

I inspected the communal areas, basement car park, escape routes, all internal stairs and the final exits. 07/04/2022 15:58

Initial Expectation: Verbal action

Fire Safety Audit Page 12 of 12

Verbal Advice Given

None given

Other Authorities to notify

None

Weeks to Complete Work

N/A

Specific instructions for Admin to Action

None

Compliance calculation & signature

Compliance Level 1 - Well above average

Property Risk Group B - Sleeping familiar or Licensed Premises

 Life Risk
 -17.1

 Actual Risk Score
 3.79

 Risk Score
 3.75

Audit Timings

Audit Duration Travel Time Post Audit Processing Duration 300 60 240

Fire Safety Audit Page 1 of 10



Fire Safety Audit Report

Audit Information					
Audited By					
Audit Completed	28 September 2023				
Location summary					
File No	20/267017				
UPRN	10096150276				
Building Name	Enclave Building				
Address	RECEPTION A				
	ENCLAVE BUILDING, 23 COLLEGE ROAD				
	CROYDON				
	CR0 1NN				
Borough	Croydon				
Use	D - Purpose Built Flats>=4 floors				
Responsible Team	FSD CROY-BROM-SUT-MERT				
Station Ground	H31 - Croydon				
Site Risk Score	4.25				
Building Height band	50+				
Total Floors	52 Basement floors 2				
Estimated number of sleeping	0				
Special Features					
Additional detail					
Premises Description					
	PDL Generated 28 September 2023				

Fire Safety Audit Page 2 of 10

Exterior Wall Cladding

Exterior Wall Insulation Unknown

Cladding/Insulation details confirmed by O&M Manuals

Environmental Risks NONE

Features assisting fire spread NONE

Site Reinspection date

Heritage Building No
Balconies present? No
Gas Supply present? No
Petroleum redevelopment? No
Known firesetting in area?

Site lone worker risk

Property Detail (DEFAULT PROPERTY)

Occupier Contact Default Property
Address RECEPTION A

ENCLAVE BUILDING, 23 COLLEGE ROAD

CROYDON CR0 1NN

Responsible team FSD CROY-BROM-SUT-MERT

Occupancy Type Occupier - multi or single occupancy
Property Use D - Purpose Built Flats>=4 floors
Valuation Office R3 - Flats/Mais 4 Flrs and over PB

Original Risk Score 4.25

Reinspection Date N/A (SAMPLE)
Last Inspection 16 August 2023

Total Capacity Maximum number of people

>100

Property Size for use Very Large

10301m2 to 12600m2

Environmental Risks NONE

Occupant Mobility Average

Fire Loading Average

Additional detail

Specific lone worker risk

Primary Authority Partnership N/A

Protection Data (SHARED)

Fire Protection & Warning Adequate
Unwanted fire signals count 0
AFD remote monitoring No
Smoke ventilation Mechanical

Fire Safety Audit Page 3 of 10

Covers MOE/Common areas? Yes
Sprinklers Installed? Yes
Sprinkler Type Wet Pipe
Coverage % 90
False activations in past 3 years 0
Fire activations in past 3 years 0
Access for fire-fighting Average
Water supplies Average

Special Features

Fire fighting shafts 1
Engineered solution? YES
Trade off measures? No

Evacuation type Defend in place -Stay Put

History of fires? No

Contacts

Occupier

Name Default Property
Address ENCLAVE BUILDING
23 COLLEGE ROAD

CROYDON CR0 1NN

Owner/Co-Owner - NEW

Name UK Modern Living Developments L.P

Address Forum 4

Solent Business Park, Parkway South, Whiteley Fareham, United Kingdom, PO15 7AD

Managing Agent - NEW

Name Outpost Management Limited

Address 2 Stephen St London W1T 1AN

On Site Representative - NEW

Name Enclave Croydon
Person
Position Residence Manager

Address Tower A

Enclave Building 23 College Road CR0 1NN

Email

Enforcement history

Fire Safety Audit Page 4 of 10

Articles

Article 9 - Risk assessment

SAFETY CRITICAL Observations

Safety Evaluation Pre occupation Fire Safety Survey carried out by Broadly Compliant

23/08/2023 - inspection took place on 06/09/2023 with residents due to move

in at the end of September.

I advised the RP that the FRA should be revised once the units start to be

occupied.

Significant findings and an action plan given with photographs and timescales

for remediation.

Article 11 - Fire Safety Arrangements

SAFETY CRITICAL

Observations

Safety Evaluation Broadly Compliant

Verbal Advice Given

This premises is a new construction and fire safety systems have not yet had a service.

Verbal Advice Given

Completion certificates have been provided for

Wet riser pressure test - Triangle Fire Systems 14/06/2022

Jockey pumps - Triangle Fire Systems 02/05/2022

Diesel standby pumps - Triangle Fire Systems 08/06/2022 Wet riser electric pumps - Triangle Fire Systems 08/06/2022

Water tanks - Balmoral 17/10/2022

Electric consumer units - We Love Solutions 05/04/2023

NICEIC 5 year electrical certs - Red Electrical carried out between 01/08/2023

and 07/08/2023

EL certificates by Red Electric Design Ltd on 07/08/2023

3 x fire curtains - Blaze Fire Technology 09/08/2023

Fire dampers - Red Group 10/08/2023

2 x FF lifts and 2 x evacuation lifts - Kone August 2023

Smoke control system - Certificate of Design and Certificate of Commissioning -

Red Electric Designs and Orion Contract Services 14/08/2023

Residential sprinkler system - Triangle Fire Systems between May and June

Commercial dry pipe sprinkler system covering Basement levels - Triangle Fire

Systems 09/2022

Diesel backup generator - Red Electric 01/03/2022

PIB installed which contained A3 laminated plans and key fobs. 24/7 concierge on site. RP advised that all residents are to be given a welcome pack which

contains fire safety information.

At time of inspection the residential units were not occupied and only management staff and contractors were on site. The premises was well managed with escape routes clear of obstructions and combustible items.

Fire Safety Audit Page 5 of 10

Article 13 - Detection and warning

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Alarm panel behind in GF corridor with slave panel behind concierge desk - RP advised that faults showing on system due to ongoing commissioning works. Adjacent to the Main alarm panel are an AOV indicator panel, refuge communications panel, PIB and BS8629 mass evac system. RP advised that sprinkler flow switches are wired into the alarm panel.

Amenity and communal spaces on floors GF, 1, 2, 3, 47, 48 and 49 have detection and sounders to support sim evac from these areas - RP advised that any actuation in these areas causes a full alarm to sound in all communal/ amenity spaces within the premises.

Fire strategy states that all flats should have an LD1 system as they are open plan designs - sampled flat had an LD1 system installed.

Article 14 - Emergency routes and exits

SAFETY CRITICAL

Safety Evaluation Broadly Compliant

Observations

Single concrete stair has AOV at head and at basement level - tested ok. 6 final exit doors available on GF.

Upper floors with amenity areas have mechanical extraction - 2 vents to extract and another vent to provide make up air. Further make up air is provided by doors feathering to the stair.

Residential floors have mechanical extraction and a TD of up to 15m - this is acceptable with sprinklered flats and mechanical extraction.

Basement areas have mechanical extraction and impulse fans.

GF and 1st floor are one compartment with an additional helical stair between these floors. A fire curtain on GF separates the entrance lobby/1st floor compartment from the FF/evacuation lifts.

An alternative stair is provided between the 3rd floor gym/sauna/steam room and a GF final exit.

Mechanical extraction tested on floors 40 and 48 - system triggered by cold smoke rather than test buttons.

Article 15 - Procedures for serious and imminent danger and for danger areas

SAFETY CRITICAL Safety Evaluation Broadly Compliant

Observations

Fire action notices clearly displayed showing the relevant fire strategy - sim evac in communal/amenity areas and stay put in flats.

Verbal Advice Given

No drills have been carried out.

Fire Safety Audit Page 6 of 10

Article 15

(continued) PIB installed which contained A3 laminated plans and key fobs. 24/7 concierge

on site. RP advised that all residents are to be given a welcome pack which

contains fire safety information.

Article 17 - Maintenance

SAFETY CRITICAL Safety Evaluation

Verbal Advice Given

Observations

Front door to sampled flat did not fully self close into its frame. RP advised Broadly Compliant

that a full survey of flat front doors and required remediation works are ongoing. As this was the only deficiency found I have scored this Article as

Broadly Compliant.

Completion certificates have been provided by the RP and most systems are not

yet due for annual maintenance - see article 11.

Article 21 - Training

SAFETY CRITICAL

Safety Evaluation Broadly Compliant

Observations

RP confirmed that all staff receive basic fire safety training - no documentation

supplied.

Article 8 - General fire precautions

Safety Evaluation

Observations

Broadly Compliant Intumescent collars fitted around plastic pipes as required. Electric utility riser cupboards are fire stopped on all floors.

Verbal Advice Given

Fusible link shutter fitted to bottom of waste chutes in basement B1.

GF unoccupied commercial unit not inspected but separation appears adequate.

Article 10 - Principles of prevention to be applied

Safety Evaluation

Not Applicable

Observations

None

Article 12 - Elimination or reduction of risks from dangerous substances

Safety Evaluation

Observations

Not Applicable

None

Article 13 - Fire Fighting Equipment

Safety Evaluation

Observations

Not Applicable

None

Fire Safety Audit Page 7 of 10

Article 16 - Measures for dealing with dangerous substances affecting general fire precautions

Safety Evaluation

Observations

Not Applicable

None

Article 18 - Safety assistance

Safety Evaluation

Observations

Not Applicable

None

Article 19 - Provision of information to employees

Safety Evaluation

Observations

Not Applicable

None

Article 20 - Provision of information to employers and the self employed from outside undertakings

Safety Evaluation

Observations

Not Applicable

None

Article 22 - Co-operation and co-ordination

Safety Evaluation

Observations

Not Applicable

None

Article 23 - General duties of employees at work

Safety Evaluation

Observations

Not Applicable

None

Article 37 - Fire fighters switches for luminous tube signs

Safety Evaluation

Observations

Not Applicable

None

Article 38 - Maintenance of measures provided for protection of fire fighters

SAFETY CRITICAL

Observations

Safety Evaluation Broadly Compliant

Verbal Advice Given

Attempted to test FF and evacuation lifts during my first visit on 06/09/2023 - at this time there was not a door close button fitted to these lifts so it was

unclear how to operate the lift when in FF mode.

I re-inspected the lifts on 25/09/2023 with the RP and Kone lift engineers - a door close button had been fitted to all lifts and the lifts were all tested ok. I

Fire Safety Audit Page 8 of 10

Article 38 (continued)

advised the RP to get a laminated aide memoir to assist crews using the lifts as a combination of buttons is required due to the height of the premises. Kone engineers stated that all the lifts were now fully compliant with installation/completion certificates issued.

PIB installed which contained A3 laminated plans and key fobs. 24/7 concierge on site. RP advised that all residents are to be given a welcome pack which contains fire safety information.

Article 24 - Power to make regulations

Safety Evaluation Observations

Not Applicable None

Article 27 - Powers of inspectors

Safety Evaluation Observations

Not Applicable None

Article 29 - Current alterations notices

Safety Evaluation Observations

Not Applicable None

Article 30 - Current enforcement notices

Safety Evaluation Observations

Not Applicable None

Article 31 - Current prohibition notices

Safety Evaluation Observations

Not Applicable None

Article 32 - Offences

Safety Evaluation Observations

Not Applicable None

Overall safety standard

Broadly Compliant

Management compliance level

Management Compliance Level 1 - Well above average

Initial Expectation Verbal action

Considered EMM? Yes

Confirmed Action Verbal action

Fire Safety Audit Page 9 of 10 Audit Conclusion Date audit carried out 06/09+25/09/23 Time of audit 10.00 Reason for audit; New build high rise residential premises has never been inspected. Conclusion Fsign 213, PBBF and NFCC guidance referred to. Extent of premises audited Whole of GF and 1st floor common parts and risers. B1 bin store and plant, B2 residents parking and plant rooms. 1st, 2nd, 3rd, 47th and 48th floor communal/amenity spaces. 49th floor plant areas. Corridors to flats randomly sampled. Single stair sampled over multiple floors. Alternative stair from 3rd floor walked in its entirety. All GF final exit doors checked. Single concrete stair has AOV at head and at basement level - tested ok. Mechanical extraction tested on floors 40 and 48. Sampled front door to flat Justification of audit outcome Inspection carried out by on 06/09/2023 - accompanied by new fire engineer team members, . We were all able to witness the mechanical extraction system working on floors 40 and 48. This is a new build premises which was only occupied by staff and contractors during my first visit. I returned on 26/09/2023 to check the FF/evacuation lifts and the RP advised that 87 units were occupied at that time. Main alarm panel, AOV indicator panel, refuge communications panel, PIB and BS8629 mass evac system sited in GF corridor. RP advised that sprinkler flow switches are wired into the alarm panel. Amenity and communal spaces on floors GF, 1, 2, 3, 47, 48 and 49 have detection and sounders to support sim evac from these areas - RP advised that any actuation in these areas causes a full alarm to sound in all communal/amenity spaces within the premises. This is a well managed premises with no notable issues found during my inspection - some minor snagging works are ongoing. Tower B and the GF commercial unit will be subject to separate inspections. Alterations notice issued due to the reliance on fire engineered solutions - RP supplied Freeholder and Managing Agent details.

Times include review of extensive documentation and revisit to premises.

Fire Safety Audit Page 10 of 10

Verbal Advice Given

None recorded

Other Authorities to notify

None

Weeks to Complete Work

N/A

Specific instructions for Admin to Action

None

Compliance calculation & signature

Compliance Level 1 - Well above average

Property Risk Group E - High Rise Residential Building (HRRB specific)

 Life Risk
 -6.1

 Actual Risk Score
 4.24

 Risk Score
 4.25

Audit Timings

Audit Duration Travel Time Post Audit Processing Duration 360 420

Potential Ops Risks

Identified Potential Issues

Sprinklers/riser/fixed installation present Premises Information Box installed