

Piccadilly Warehouse Refurbishment Project NBS Specification

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Furniture/Equipment

N15

Internal fire and safety signage systems

N15 Internal fire and safety signage systems

To be read with Preliminaries/ General Conditions.

GENERAL

110 FIRE AND SAFETY SIGNAGE SYSTEMS FOR ESCAPE ROUTE

- System manufacturer: Contractor's choice.
 - System reference: Submit proposals.
- Locations and layout: Submit proposals.
 - Language: English.
- Material: Submit proposals.
 - Other properties: As required by the preferred signage manufacturer.

125 PHOTOLUMINESCENT WAY GUIDING SYSTEM GENERALLY

- System manufacturer: Contractor's choice.
 - System reference: Submit proposals.
- Locations and layout: Submit proposals.
- Material: Manufacturer's standard.

SYSTEM PERFORMANCE

205 DESIGN OF INTERNAL SIGNAGE SYSTEMS FOR ESCAPE ROUTE

- Design: Complete detailed design and submit before commencing work.
- Content: Signs including facing information, components, inserts, accessories and fixings necessary to complete the system.
- Proposals: Submit drawings, schedules, technical information, calculations and manufacturer's literature before commencing work.

210 GENERAL REQUIREMENTS

- Signage and way guiding system design: In accordance with Building Regulations and the Hydrock Fire Strategy Report.
 - For fire escape and evacuation signage: In accordance with: BS 5499-4 or BS ISO 16069.
 - For way guiding systems: In accordance with BS ISO 16069.
 - For safety signs other than escape route signage: In accordance with: BS 5499-10.
- Comply with the requirements of: In accordance with Building Regulations and the Hydrock Fire Strategy Report.

220 SIGN DESIGN AND FORMAT FOR ESCAPE ROUTE

- Format: In accordance with Building Regulations and the Hydrock Fire Strategy Report.
- Geometric shapes, colours and layout: In accordance with BS ISO 3864-1.
- Design principles for graphical symbols: In accordance with BS ISO 3864-3.
- Colorimetric and photometric properties of safety sign materials: In accordance with BS ISO 3864-4.
- Water safety: In accordance with BS ISO 20712-1.

260 PHOTOLUMINESCENT PROPERTIES FOR ESCAPE ROUTE SIGNAGE

- Luminance decay classification to BS ISO 17398: submit proposals.

270 FIRE REACTION OF FIRE ESCAPE SIGNAGE SYSTEM

- Non flammable surface:
 - Standard: To Building Regulations Approved Document B and in accordance with the Hydrock Fire Strategy.

280 DESIGN LIFE OF FIRE ESCAPE SIGNAGE SYSTEM

- Duration: 10 years.
 - Subject to reasonable wear and tear.
- Condition of use: Subject to regular maintenance.

290 SIGNAGE SAMPLES

- Sign type: Fire escape.
 - Action: Submit labelled samples.
 - Conformity: Retain samples on site for the duration of the contract or until instructed to remove.
 - Delivered products: To conform with labelled samples.

EXECUTION

610 FIXING SIGNS GENERALLY

- Installation: Secure, plumb and level.
- Fasteners and adhesives: As section Z20.
- Strength of fasteners: Sufficient to support live and dead loads.
- Fixings showing on surface of sign: Must not detract from the message being displayed.

COMPLETION

910 DOCUMENTATION

- Submit:
 - Manufacturer's maintenance instructions.
 - Guarantees, warranties, test certificates, record schedules and logbooks.

920 SPARES

- Supply as follows:
 - Type: All Fire and Safety Signage Systems.
 - Quantity: One set.

930 SPECIALIST TOOLS

- Supply as follows: One set suspension adjustment tools.