 Date 05/04/2021 Certificate Reference CIR 21446355chafford

# FIRE DETECTION AND ALARM SYSTEM INSPECTION AND SERVICING REPORT

|  |  |
| --- | --- |
| A. DETAILS OF THE CLIENT | Essex , RM6 2EJ |
| Name: Mercy Gold LimitedAddress: 1 Chafford Way, Grays,  |
| EXTENT OF INSTALLATION AND LIMITATIONS COVERED BY CERTIFICATE | limitations of the inspection servicing and with whom agreedfloor and concealed cable. |
| Extent of the fire detection and alarm system covered by this report: Agreed and operational This inspection report cover smoke and heat alarm. Unable to check under  |
| DETAILS OF THE FIRE DETECTION AND ALARM SYSTEM | Address3 Chafford way, Grays, Essex , RM6 2EJ |
| Details of systemThis system installed in premises is LD2 grade A. (Two Zone) |
| DETAILS OF THE ELECTRICAL CONTRACTOR |  Name N. Khan Position Supervisor Date 05/04/2021 Signature signatures below) for the servicing of fire detection and fire alarm system, particulars of which are set out below, CERTIFY best of my/our knowledge and belief with the recommendations of Clause 45 of BS 5839 2019 quarterly inspection of vented period (delete as applicable), except for the variations, if any. stated in this certificate. |
| Trading TitleGB Electrical127 Woodland Road llford EssexIGI 2JPllwe being the competent person(s) responsible (as indicated by my/our that the said work for which l/we have been responsible complies to the batteries/periodic inspection and test inspection and test over a 12 month  |
| RELATED REFERENCE DOCUMENTS | coveringN/ANote 1 |
| Report number and/or date of most recent, the existing fire detection installation - see Other documents (if any) please state |
| NEXT INSPECTION | taking into account the type of system and the environment, me recommend that this instanatbn is:(Interval in terms of years. rnonths weeks. as appropriate)responsible (as indicated by mylour signatures below) for the servicing of Rm detecdon and fire alarm system, partiaalars of which are cet out below, CERTIFY uw bean responsible compiles to the best of mylour knowledge and bellef with recommendations of Clause 46 of BS 6839-1:2010 quartody inspection of vented test Inspection and test owr e 12 month period (Étet• as applicable), except foe vr•mions, If any, stated certificate. Variations from the mcommendatbns of periodic or annual inspection and test (as applicable): |
| Based upon risk assessment, 05104/2022belng the competent person(s) eut the said for wNch Ilw•e batterieslperiodlc hspection and Clause 45 of BS 6839-2019 for  |

1

|  |  |
| --- | --- |
| SUMMARY OF THE INSPECTION AND SERVICING | installationINSTALLATION IN TERMS OF ITS SUITABILITY FOR CONTINUED USE:(code been entered in the system log book (clause 40.2)per 100 automatic fire detectors per annum, (Catagory M Systems not applicable) |
| General condition of the fire detection and alarm OVERALL ASSESSMENT OF THE  N/A Outstanding defects reported to responsible person N/A Relevant details of the work carried out and faults have During the past 12 months: 0•00 false alarms occuredThe number of false alarms equates to: 0.00 false alarms  |

|  |  |
| --- | --- |
| SCHEDULE OF ITEMS INSPECTED | No partitions within 500mm horizontally of any automatic fire detector (Clause 22.3g)No storage within 300mm of ceilings (Clause 22.3i)Clear space of 500mm exists below each automatic fire detector(Clause 22.3n)manual call points Each automatic fire detectors ability to recive the stimulus it is designed to detect not impeaded by other meansbuilding use or occupancy Building use or occupancy does not make existing types of automatic fire detector unsuitibte for detection of fire or prone to unwanted alarmsAdditional fire detection and alarm equipment provided in any extensions or alterations in theAny faults recorded have been attended toaccordance withRate of false alarms during previous 12 monthscomplies with recomendations of (Clause 30.2j) |
| PremisesNIA Manual call points suitably sitedNIA Manual call points suitably unobstructedManual call points conspicuousN/A All exits, including new exits have Automatic fire detectors suitible for Automatic fire detectors suitably sitedFire alarm devices suitably sitedDocumentationSystem log book examinedFalse AlarmsRecord of false alarms checked in (Clause 30.2i)N/A \*Action taken in respect to false alarms \*Details of action taken if applicable |

 @Copyright {Certifi, Electrical Certificates for IOS of

|  |  |  |  |
| --- | --- | --- | --- |
| SCHEDULE OF ITEMS TESTED | checked by operation of at call point in each circuit and indicating which initiating devicesat CIE checked for correcttestedand tests performedcircuits checked by simulation ofalarm signal to receiving centreother signals such as fault | NIANIANIA | Radio systems serviced in accordance with manufacturers recommendationsFor other equipment, manufacturer's checks and tests performedPrinters checked for correct operationPrinters checked that characters are legiblePrint consumables available in sufficient quantities to ensure operation until next visitStandby battery disconnected and full load alarm simulatedSpecific gravity of each cell of vented batteries checkedMains disconnected and batteries momentarily load tested (other than those within devices such as manual call points, detectors and fire alarm sounder of a radio linked system |
| Fire alarm functions of CIE NIA least one detector or manual entry made in log book Operation of fire alarm devicesControls and visual indicators operationAncillary functions of CIE For CIE, manufacturers checks Fault indicators and their N/Afault conditions N/A Automatic transmission of Automatic transmission of signals to receiving centre |



|  |  |
| --- | --- |
| OVER A 12 MONTH PERIOD - SCHEDULE OF ITEMS INSPECTED | Lenses of visual fire alarm devices are cleanReadily-accessible cable fixings secureReadily-accessible cable fixings undamagedCause and effect programme confirmed as being correct |
|  NIA Automatic fire detectors unpainted NIA Automatic fire detectors undamaged •J Ancillary functions of CIE testedVisual fire alarm devices not obstructed | NIA |
| OVER A 12 MONTH PERIOD - SCHEDULE OF ITEMS TESTED | NIANIA | CIE manufacturer's annual checks and tests carried outRadio signal strengths checked for adequacyFor fire detection systems that enable analogue values to be determined it should be confirmed that each analogue value is within the range specified by the manufacturerStandby power supply capacity checkedChecks recommended by manufacturers of other components of system carried out |
|  NIA Switch mechanism of every manual call pointFire alarm devices checked for correct operationAutomatic fire detectors functionally tested, including heat detectors, point smoke detectors, optical beam smoke detectors, aspirating fire detection systems, carbon monoxide fire detectors, flame detectors and multi-sensor detectorsAll unmonitored, permanently-illuminated filament lamp indicators at CIE replaced |
| ADDITIONAL CHECKS UPON CHANGE OF SERVICING ORGANISATION | power supplied providedpower supplies comply with Clause 25.4to false alarms is not excessive (see Section 3)records checkedbook available. (It not available, a suitable tog book be provided by the servicing organisation).Clause 48.2) |
|  NIA Adequate number of call points (Clause 20.2) Standby Adequate provision of fire detection for the category ofStandby system Sound pressure levels comply with Clause 16.2 Exposure Changes in use, layout or construction of the premises have not reduced system effectiveness Existing Cabling has fire resistance complying with Clause 26.2 Log should (See Circuits monitored in compliance with Clause 12.2Requirements of BS 7671 are met (Clause 29) |

Label Completed using iCertifi Electrical Certificates for IOS Of

 Date 0510412021 Certificate Reference CIR 98729065.chafford

EMERGENCY LIGHTING PERIODIC

# INSPECTION AND TESTING CERTIFICATE

|  |
| --- |
| DETAILS OF THE CLIENT |
| Name: Mercy Gold LimitedAddress: 1 Chafford Way, Grays, Essex, RM16 2EJ |
| PURPOSE OF CERTIFICATEEXTENT OF INSTALLATION COVERED BY THIS CERTIFICATE |
| To certify continued compliance Periodic inspection & testing - 100% of the existing emergency lighting installation for of an existing Installation compliance with the current regulations. |
| ADDRESS OF THE EMERGENCY LIGHTING INSTALLATION |
| Address: 3 Chafford way, Grays, Essex, RM16 2EJ |
| CERTIFICATION |
| Trading Title GB ElectricalContractor responsible for carrying out the 127 Woodland Road llford Inspection and testing (address) EssexlG1 2JPI I we e hereby certify that the emergency lighting system installation at the above premises has been inspected and tested by me/us• in accordance with the 'Results Schedule of items inspected and tested' on page 2, and to the best of my I our• knowledge and belief, the installation complies at the time of my/our• inspection and testing with the recommendations given in BS 5266-1: 2016 Emergency lighting Part 1: Code of practice for the emergency lighting of premises, BS EN 1838: 1999 | BS 5266-7:1999 Lighting applications - Emergency lighting and BS EN 50172: As amended I BS 5266-8: 2As amended Emergency escape lighting systems , except as stated in section D.Inspectors SignatureName (capitals) N. KhanDate 05/04/2021  |
| RELATED REFERNECE DOCUMENTSPeriodic Inspection Report No. endlor date of most recent, covering the existing emergency lighting Installation - see Note 1Other documents (if any) please stateNIA |
| NEXT INSPECTION |
| Enter interval in accordance with Clause 7.2 of BS EN 50172: As amended I BS 5266-8: As amendedl/We% the person identified in C, RECOMMEND that this installation12 MonthsIs further inspected and tested after an interval of not more than |

The wiring system of an existing emergerry lighting system should have been periodically inspected and tested in accordance with BS 7671 and a Periodic Inspection Report issued. Wtwre applEable and where availabk. the serial number and/or date of the mast recent report shou'd be recorded in the space prwided.

|  |
| --- |
| PURPOSE OF INSTALLED EMERGENCY LIGHTING SYSTEM |
|

|  |
| --- |
| NIA |

Emergency escape lightingStandby lighting

|  |
| --- |
| NIA |

Escape route lightingPartial standby lighting

|  |
| --- |
| NIA |

Open area lightingHigh risk task area lighting |
| EMERGENCY LIGHTING INSTALLATION ARRANGEMENT  |
|

|  |
| --- |
| NIA |

Self-contained emergency luminaireStandby generator system Central battery system Combined emergency luminaire |
| EMERGENCY LIGHTING INSTALLATION ARRANGEMENT  |
|  Typel Mode Facilities Duration Maintained Key switches 1 Hour Type Mode Facilities Duration Non maintained Isolation of protective divice 1 Hour |
|  |
|  Instrument 1 (light meter) Model Serial No Instrument 2 (if any) Model Serial No 87521 87521 87521 87521Where periodic requirement P2 is carried out by measunment, details of instruments MUST be recorded |

20f

|  |
| --- |
| RESULTS OF INSPECTION AND TESTING  |
| • Where "No" or column Is selelcted, the deviation must be recorded In DETAILS OF DEVIATIONS FROM THE CURRENT STANDARDS | System Conforms | 'Does not conform: X or No | Not Applicable:NIA |
|  |
| as saw.' | REQUIREMENTS | System |
| 4.2  | Pl- Plans are available and correct |  |
| clause e  | P2- Under test conditions. adequate "illumlnation provided for safe movement on the escaperoute and open areas |  |
| 6.3 | P3- Luminalres correctly posttioned and oriented as shown on plans |  |
| 6.3 | Original design still valid | NIA |
| 6.6 | P5- All escape route safety signs and fire fighting equipment location signs visible with the normal |  |
| 7.8 | P6- Correct application and siting of additional emergency lighting |  |
| 7.9 | 7- Luminalres conform to BS EN 60598-2-22 |  |
| 9.1 | P9- Wiring systems comply with the requirements if BS 7671 |  |
| 9.2 | PIO- Fire protection of central wiring systems satisfactory |  |
| 9.2.5 | Pll- Emergency circuits correctly segregated from other supplies |  |
| 9.2.12 | P12- Wiring to emergency lighting supply power sources a fixed Installation, where a specialist plug and socket arrangement is used, it is protected against unauthorised Interference |  |
| 9.3.3 | P13- System has a suitable test facility for the application |  |
| 9.3.5 | P14- Central power system output voltage range is compatible with the supply voltage range of the lumlnaires, taking into account supply cable voltage drop |  |
| 10.1 | PI 5- Lumlnaires tested and found to operate for their full rated duration |  |
| 11.6 | P16- Operation and maintenance |  |
| 12 | P17- Test records In the log book complete and satisfactory |  |
| 12.3 | PIB- Instructions together with a suitable log book showing a satisfactory commissioning test avallabte for useb the buildin occupier |  |
| 13 | P19- Luminaires clean and undamaged with lamps In good condition |  |
| 13 | P20- Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a current maintenance contract is in place |  |
| 13.2 | P21- Evidence of servicing of Central Battery System (in line with manufacturers procedures); Inhouse or current maintenance contract is in lace |  |
| 13.3 | P22- Evidence of servicing of Standby Generator System (in line with manufacturer's procedures); Inhouse or current maintenance contract is in lace | NIA |
|  | P23- After test, the charging indicators operate correctly |  |
| NotesN/A |

3

# NOTES FOR RECIPIENT

## THIS CERTIFICATE IS A VALUABLE DOCUMENT AND SHOULD BE RETAINED FOR FUTURE REFERENCE

This 'Emergency Lighting Periodic Inspection and Testing Certificate' consists of numbered pages. Any missing pages of this certificate would render the certificate invalid. If any of the boxes have been left blank without reasonable justification, you should ask the Contractor as to the reasons why

This certificate Is to be issued only for the periodic inspection and testing of an existing emergency lighting installation to verify compliance of the Installation to current standard BS 5266

This certificate is been issued to provide evidence (along with the client's current 'Fire Risk Assessment'), to enable the Responsible Person or Competent Person acting on their behalf, (as required by the Management of Health and Safety at Work Regulations 1999 and the

Regulatory reform (Fire Safety) Order 2005 in England and Wales) or The Employer or Other Persons who have duty over the premise to any extent and any person who through contract or tenancy have obligations in respect of maintenance or safety (as required by Fire (Scotland) Act 2005) or The Employer or Nominated Employee who has special responsibility for fire safety (as required byThe Fire Precautions

(Workplace) Regulations (Northern Ireland) 2001) and The Management of Health and Safety at Work regulations (Northern Ireland 2000), to continue to declare, the existing emergency lighting system has been inspected and tested in accordance with BS 5266 Emergency Lighting Part 1: 2016 Code of practice for the emergency lighting of premises, BS EN 1838: 1999/BS 6266-7: 1999 Lighting applications Emergency lighting, and BS EN 50172: As amended/ BS 5266-8: As amended Emergency escape lighting systems, to verify that the emergency lighting installation continues to comply with these standards.

NOTE If you were the person ordering the work, but not the user of the installation, you should pass this certificate, immediately to the Responsible Person or Competent Person (England and Wales). Employer or Other Persons (Scotland) or the Employer or Nominated Employee (Northern Ireland) for the premises.

The certificate should be retained in a safe place and shown to any person inspecting or undertaking further work on the emergency lighting installation in the future. If you later vacate the property or building, this certificate will demonstrate to the new Responsible Person or Competent Person (England and Wales), Employer or Other Persons (Scotland) or the Employer or Nominated Employee (Northern Ireland) for the premises that the emergency lighting installation continues to comply with the requirements of BS 5266 Parts 1, 7 and 8 and with BS 7671 Requirements for Electrical Installations, at the time the certificate was issued (if accompanied with a current 'Periodic Inspection

Report' on the electrical installation, as prescribed by BS 7671). If there is a change of use of the building or a change in occupancy, a new 'Fire Risk Assessment' should be carried out

4 of