

Regulatory Reform (Fire Safety) Order 2005

Fire Risk Policy and Assessment

This document has been equality impact assessed in line with Avon Fire and Rescue Services procedure

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For further assistance, please refer to the Avon Fire & Rescue Service Fire Risk Assessment Template Guidance at the back of this document.

Mr James Caddy Chair of Governors

Responsible Person

(Employer or other person having control of the relevant premises)		Clifton High School		
	,			
Address of Premise	es	Clifton High School College road Clifton		
Postcode		BS83JD		
Assessor:		Daryll Hodder of Socot	ec Limited	
_		I .		
Date of Fire Risk Assessment		13 th Sept 2016 Revised 28 Dec 2016, 10 Jan 2017 and 19 June, 27 July 2017, 15 th May 2018, 18 th Sept 2018, 01 st Feb 2019, 02 Feb 2020 4 June 2020 (COVID)		
	nt should be reviewed annu r there has been a significa			
Previous Review D	pates			
Reviewed by	D Hodder CMIOSH G Pow	er	Date 4 th June 2020	
Reviewed by	K Sellick CMIOSH G Cowper		Date 18 Oct 2015	
Reviewed by	K Sellick CMIOSH G Cowpe	er	Date 17 Sept 2014	
Reviewed by	K Sellick CMIOSH G Cowpe	er	Date 16 Sept 2013	

General Information

The Premises See Appendix 1 Architec	ts Plans
Brief details of construction: (Date of construction, brick, timber, purpose built or converted)	Clifton High School occupies Ten major buildings around a large lawn. There are approximately 500 pupils and 160 staff and three permanently occupied residential flats. School operates for approximately 34 weeks in any year. The buildings vary in age with former domestic dwellings dating from the 1850's up to 1960's. The site is based in Victorian Clifton and there is no capacity to build on the site in this protected area.
	Main building: Constructed in stone and brick work with the majority of floors in wood. Main Hall is raised wooden floor. School Green: Formerly three Victorian stone build houses now joined together with concrete stairwell in between each building. Science block: Addition in sixties brick single story concrete floor.
	 Biology Lab: Brick and stone construction concrete stairwells and floor. Music block: Sixties built concrete floors and stairwells. Woods house: Two Georgian houses converted for school use. Stone built but
	 with wooden flooring throughout. Contains one flat. Rose Theatre: Sixties built extension. Brick built with wooden floors. Two flats on first floor. Prep:
	 Georgian house converted for school use. Has wooden floor and large basement. Art block: Brick concrete sixties extension to above. Swimming pool gym complex:
	Sixties built concrete. Gym has sprung wooden floor. Health and Wellbeing Suite: Fire detection system installed, calibrated and certified completed 04 January 19.
Primary usage: (eg Hotel, Shop)	Day School

Occupancy Profile				
Maximum number of	WEEKDAYS		WEEKENDS	
persons in the	0000 to 0400	А	0000 to 0400	А
most highly occupied	0400 to 0800	А	0400 to 0800	А
compartment	0800 to 1200	D	0800 to 1200	А
to be affected by an	1200 to 1600	D	1200 to 1600	А
uncontrolled fire	1600 to 2000	С	1600 to 2000	A
within 30 minutes,	2000 to 2400	А	2000 to 2400	А

assuming no evacuation.	Enter range –	- A= <10	, B=20-49, C=50-150,	D=<650,		
Description of Occupants: Pupils Teachers Visitors including those groups who hire facilities	Mobility Issues The nature of the buildings means that there are no mobility issues	Nil	Average Mobility High	High	Vulnerability Issues	Approx. 30young children 3-4 years

Occupants Especially At Risk From Fire	
Sleeping occupants (Details of numbers - public/staff)	1 x Estates Manager 3 days per week NB wife plus 2 x adult daughters are very occasional residents
Disabled occupants (Personal Emergency Evacuation Plans in use when necessary)	Nil
Occupants in remote areas (Lone working/isolated areas)	Pool Plant room and lock down each evening NB We have lone worker support in place from Bristol City Council
Young person's (Individual Risk Assessment provided for those persons under 16 yrs)	Approx. 590 pupils from nursery school (3-4 to sixth form) (18 to 19) and up to 150 staff However very practiced in fire drills. Adult Fire marshals on site at all times during the school day. COVID WEF 8 th June numbers of staff and pupils heavily restricted estimated <150 souls on site until end of term 8 th July 2020
Others (Details of Elderly/Infirm/Mental Ability)	Nil. For example when we have an event and are aware of a visitor in the category School produces A personal emergency plan (PEP) is produced for each visitor that has mobility or visual difficulties. This also applies to children and staff with injuries which inhibit mobility. Examples are available from the Director of Operations.
Visitors / Contractors	Yes– all signed in, accompanied given badges and made aware of fire / other procedures.
Occupants whose first language is not English	< 70 NB entry to School is dependent on being able to access the English curriculum.
	Please Note we have a large French contingent of approx. 55 pupils many of whom are bi-lingual

Identified Fire Hazards And Primary Control Measures

Note: On the following pages, where the answer is 'Yes', please describe in the Identified Hazards boxes below.

Where the answer is 'No', please complete the deficiencies boxes below.

Where the answer is 'N/A', please describe in the General Comments box provided.

Electrical Sources Of Ignition		
Measures taken to prevent fires of	electrical origin.	
Fixed installation periodically inspected and tested? (e.g. every 5 years)		YES Elite Electrics completed for all buildings in September 2019 Pool annually Plantroom i.e pumps control panels. Elite are working on category B faults annual expenditure £25k
Portable appliance testing carried c	out on a risk assessed basis?	YES / Risk and test period managed by NEC EIC Electrician from Elite
Suitable policy in place regarding th appliances? No appliances permitte to students/ children who must get have the device tested. Permission Hairdryers, hair straighteners are ba	ed unless PAT tested. This applies permission from a teacher and will not normally be given. Eg	YES
Suitable limitation and managemer		YES Extensive re cabling has and is and PAT tested taken place to eliminate this risk. Block adaptors restricted
	a rolling programme with our sup and are working to address the co ongoing refurbishment programm extensively refurbished during sur redeveloped in 2015 and 2016. 1	ises is test due in Sept 2024. We have plier. We have eliminated all code 1's ode 2's. This is coordinated with the nes. EG School green buildings were mmer of 2015. Music block has been x Physics and 1 x Chemistry labs were nysics lab was redeveloped in Summer gas and electricity cut off devices

Arson/Deliberate Igr	nition		
	olem in UK schools. We assess the risk	of arson by a pupil to be	YES
	ty of any arson taking place by a memb		
community to be low			
measures in place:			
•	tinue to expel children with behavioura	al problems. We also	
	ouncillors in support of children with e	-	
	mber of staff on mobile duty during scl	-	
-	y we have prefects and duty teachers.		
U U			
•	with high expectations for the standard		
	; / expelling pupils who cannot meet ou	ir nign benaviourai	
expectations.			
	n duty in School hours and after schoo		
	ce. School buildings are not easily acce	ssible from public roads	
although this can be	achieved by a determined person.		
We assess the risk of	arson from a member of the public to	be low. Entry to the	
School site is possible	e but entry to buildings is difficult as all	buildings protected by	
ABLOY locks and num	nber coded locks.		
Is there the potential	for fire load/combustibles in close pro	ximity to the premises?	YES
available for ignition	•	, ,	
	Road are only visible from College road	at an acute angle. They	
-	ised screen to deter any combustible r	- .	
	to them. This was an insurance require	_	
-	e a 3 m wall between them and the str		
	he bins in both locations have lids which		
Identified Hazards	Existing Control Measures	Are there any improvem	ent
		recommendations	
	Fire marshals are also lab	No	
Practical Chemistry	technicians assist fully qualified	110	
experiments	teachers with all experiments.		
experiments			
	All experiments have a risk		
	assessment. These are available		
	from the Head of Chemistry.		
	Fire control measures in place in		
	purpose-built labs. Annual gas and		
	PAT inspections on all cookers		
	All devices inspected and		
	maintained in accordance with		
	manufacturer's instructions.		
	Suitable Shut Down devices for gas		
1	8000		
	and electricity are in place in Food		
	and electricity are in place in Food technology and Chemistry Biology		
	and electricity are in place in Food technology and Chemistry Biology and Physics laboratories		

Portable Heaters			
which supplement co are being gradually p fuelled radiator syste tested. School opera	aters used within the premises are entral heating during extremely col- hased out in parallel with improve ems. All remaining oil filled radiator tes a policy that where an oil fuelle r at evening lockdown it is removed	d weather. These ments to the gas s (5) are PAT d rad is found on	YES All non-wall mounted fan heaters have been replaced by oil filled radiators during September 2015
Is the use of the mor avoided?	e hazardous type (i.e. radiant bar fi	res or LPG appliances)	Yes
Are suitable measure materials due to the	es taken to minimise the hazard of i se heaters?	gnition of combustible	N/A
	d lock down each evening means al led radiators are PAT tested annual		RW Heating Bristol LTD
-	ng systems are maintained by a con viced each summer /autumn. Reco		07799415198
the Estates Manager			In red folder named "GAS"
Identified Hazards	Existing Control Measures	Are there any improve recommendations	ment
Electric Fan / Convector heaters in certain offices.	Teachers only Not allowed to be left unattended Cleaners check and Duty caretaker lock down each night	insulation, replacing of double glazing units. Significant time expend children and staff in the preserving energy which supplementary heating	ded on to educate e importance of ch will in time mean that

Fixed Heating Installations	
Fixed heating installations such as boilers are used within the premises.	YES
Are fixed heating installations subject to regular maintenance?	YES
Are suitable measures taken to minimise the hazard of ignition of combustible materials due to these heaters?	YES
Gas boilers maintained and serviced by competent persons in accordance with manufacturers instruction. Boiler rooms are being fitted with alarms and emergency controls to switch off gas.	YES

Cooking	
Measures taken to prevent fires as a result of cooking.	
Filters cleaned or changed and ductwork cleaned regularly?	YES Termly deep clean and filters checked by competent persons Annual duct clean by competent persons
Suitable extinguishing appliances available? (e.g. Fire blanket, Wet	YES Executive Chef and porter are fire marshals Fire suppression on all open cooking areas. B
Suitable Shut Down devices Procedures in place?	YES

Lightning	
The School buildings have a lightning protection system.	Yes Main building has a
	lightning conductor. This
	has been replaced in
	December 2016
Is the lightning protection system subject to a suitable maintenance regime?	Yes Inspected Dec 2019

Yes
YES off site

Dangerous Substances	
Dangerous substances are, or could be used or stored, within the premises?	YES The contents of the
The chemistry department has a secure area accessible only by a competent person (Lab technician or Science Teacher) All items stored under CLEAPSS (Consortium of Local Education Authorities for the Provision of Science Services) regulations	secure area are listed and available digitally to Fire and Rescue Service A map of the layout is
A copy of the chemical store layout has been made available to the fire and rescue service. We understand that this is digitised and available as the paper copy on the door could be easily destroyed in a fire emergency and services may not have the time to stop and read door notices should an emergency occur within the corridor	on the exterior of the storage facility.
A risk assessment has been carried out as required by the Dangerous Substances and Explosive Atmospheres Regulations 2002.	YES
Stored in suitable and separate areas and containers away from potential sources of ignition, to include issues of chemical reactivity and compatibility.	YES

Housekeeping			
Standards of housekeeping. A professional cleaning company, Glen Cleaning Itd is responsible for the			
cleaning of the school. This contract is reviewed annually.			
Combustible materials appear to be separated from ignition sources?	YES		
Appropriate storage of hazardous materials?	YES		
Escape routes kept clear of any combustibles? (Storage /furniture)	YES Daily checks by fire		
	Marshalls and Estate		
	staff.		
Appropriate measures for the safe storage and disposal of waste?	YES		

Hazards Introduced By Contractors And Building Works	
Fire safety conditions have been imposed on both external contractors and in-house maintenance staff.	YES
Is there satisfactory control over works including use of hot work permits, where appropriate, carried out in the building by external contractors?	YES
Give details: Each job requiring hot working is assessed by Estates manager. A daily Hot works permit is issued by Estates Deputy Estates manager. 4 See (if required). Each contractor must provide a method statement risk assessment to the Estates manager before commencing work. Example Re roofing part of main building roof December 2016 and surfacing Multi User Games Area Summer 2012,	
If there are in-house maintenance personnel, are suitable precautions taken during works carried out by them, including use of hot work permits, where appropriate?	Yes

Give details: Yes In House maintenance personnel have had training on Hot works permits and these are in use and re submitted on a daily basis, for example when grinding tools are used. Works requiring heat will be contracted to competent contractors once appropriate paperwork completed	
Other Significant Fire Hazards That Warrant Consideration	
Are there any other fire hazards that warrant consideration within the premises?	No
DoE requires pupils to work with Trangia gas stoves. The gas containers required to supply these stoves are housed in purpose built and padlocked container located outside the science block and secured to an external wall in the workshop access bay. This is out of sight to the casual or unwanted visitor.	

Arrangements for Evacuation

Evacuation Strategy

Typical evacuation strategies within the premises are likely to involve one or more of the following arrangements:

COVID 19 Re opening

The evacuation muster positions on the lawn and MUGA will need to change as school numbers increase in line with Government requirements.

As at today's date there is no issue with accommodating the reduced number of pupils and staff from 8th June 2020 or anticipated to the end of term 8th July 2020

Other arrangements may need to be looked at in due course as it is likely that the whole School compliment (pupils and staff c750) will not fit within the grounds with two meter spacing less on the drive due to the Fire Brigade exit entrance requirements.

The fire alarms are tested every Tuesday at 09:30. Reversionary modes (air horns) are also available in case of bell failure.

The whole school practices a full-scale evacuation to the main lawn and playground at least three times a year

Each Spring and Summer term there is at least one unannounced fire practice. The entire School musters on the lawn and MUGA

These are evaluated and recorded. (See fire folder) Any lessons learned are briefed to the relevant parties. Evacuation of the buildings can be completed on average within six minutes of the alarms sounding.

A full school evacuation to one of three alternative locations is practised in slow time biennially. This usually takes place in the summer term.

All third parties hiring Swimming pool Gym complex or other room are required to take responsibility for reading, understanding and briefing their clients. The terms and conditions for hire require a signature. In the event of an alarm sounding the responsible person for that club or activity will confirm to the Brigade / Duty caretaker that the area is clear.

Single Stage Evacuation	YES
It is reasonably expected that all relevant persons in the premises are able to (and will) evacuate immediately to a place of total safety.	

Written copies of Evacuation Procedures are available
Detailed evacuation procedures are written for full scale site evacuation to Clifton College. Alternate sites
are identified as the RC Cathedral and Christchurch.

Means Of Escape				1
It is considered that t escape in case of fire	YES			
Adequate design of e	YES			
Reasonable distances	of travel wh	nen:		
Where there is es maximum travel.	YES 10m			
Where there are maximum travel.	alternative r	neans of escape? State	e the distance of	YES 10m
Suitable protection o	f escape rou	tes? (Fire resisting con	struction)	YES
Adequate provision o	of exits			YES
Exits easily and imme key?	diately oper	a-able where necessary	/ <u>without</u> the use of a	YES
Escape routes unobst	ructed?			YES Fire marshals' responsible for checking and reporting obstructions in their area at all times
It is considered that the premises are provided with reasonable arrangements for means of escape for disabled people? Describe the arrangements below.			YES	
Wheel chair access is Exit is through the do	only permit	ted in one area. This is ors to Clifton Park Road chair users are seated	the Main hall d and then to muster	YES
Identify dead end cor	ridors. Are t	he appropriately cover	red?	YES
Identify inner rooms.	Are the app	ropriately covered?		YES
Identified Hazards	Existing Co	ntrol Measures	Are there any impro-	vement recommendations
Deficiencies:Remedial ActionAs far as is reasonably practicable and mindful of the alarm systems the risks the regular practices and the expenditure on competent persons to keep the school buildings safe we have not identified any further risks to life or property.		Remedial Action Red	juired:	

Measures To Limit Fire Spread And Development	
It is considered that there are adequate resources correctly placed and maintained	
to limit the spread of fire. Recent improvements include collars around pipes in	
boiler rooms which prevent fire spreading upwards into voids and a fire suppression	
system in the kitchen above the hobs and fryer.	

Compartmentation or compartmentation. A Architect. The details identified that the do replaced as part of a maintenance can be of Reasonable limitation	YES Fire doors in place throughout school as directed by the School Architect an as inspected by the School's retained HS&E advisor. YES			
	-		o assess loft spaces boiler	115
Identified Hazards	Hazards Existing Control Measures Are there any improvement recon			recommendations
Loft spaces Brick walls				
Deficiencies:Remedial Action Required:Inspection 22 Nov 2016Additional fire smoke detection fitted by Haven in January and Au2017			January and August	
2016 This has stimula spaces to eliminate r Collars now fitted in	ated a revie isk of fire s all boiler ro end IOSH ac is FRA in Au Socotec in d this FRA ir	w of this risk assessm preading laterally as v oms credited Fire Risk Ma gust 2017 July 18 N September 2018	sessment course provided by IC nent and an inspection of voids well as vertically. Inagement course in July 2017	• •

Emergency Escape Lighting	
It is considered that there is a reasonable standard of emergency escape lighting to	YES Emergency
ensure safe use of escape routes complying with BS5266?	lighting throughout
The lighting system is inspected by Elite electrics as defined in BS5266.	school
	Duty Caretaker checks daily on his
	rounds
	Fire marshals
	Cleaning contractors briefed to report any fault

Fire Safety Signs And Notices				
It is considered that there is a reasonable standard of fire safety signs and notices? YES			YES	
This to include fire exit, fire resisting door and hazard signage. The signage should				
comply to Health & Safety (Signs and signals) Regulations BS1996				
Identified Hazards	ied Hazards Existing Control Measures Are there any improvement recommendations		ent	

Nil		
Deficiencies:	Remedial Action Requir Rolling programme to st	ed: andardize signage to EU standard

Means Of Giving Warning In Case Of Fire	
Reasonable manually operated fire warning system provided?	YES
If yes give details: Break glass call points, installed and serviced by a competent contractor Haven. Avon a Prevention officer has approved. 4 See Health and Safety advisor conducts termly check required.	
Automatic fire detection provided? If yes, to what Standard? (e.g. BS 5839 Part 1Grade L1/L2 etc) A rolling programme of replacing heat and smoke detectors in is in place with £5,000 per year available Detailed records of the units that have been replaced and Haven notes are in the fire files	YES Haven
Alarm system is fitted throughout Premises	YES
Extent of automatic fire detection generally appropriate for the occupancy and fire risk? Additional sensors fitted throughout science dept as requested to fulfil the requirements suggested by the insurance company. Completed Easter 2017.	YES Alarm system is fitted throughout Premises
Remote transmission of alarm signals to a monitoring station or other?	YES

Manual Fire Extinguishing Appliances	
Reasonable provision of portable fire extinguishers?	YES
Are all fire extinguishing appliances readily accessible and unobstructed? (i.e. mounted on walls or on appropriate bases)	YES
Is suitable wall signage provided relevant to extinguisher?	YES
Are hose reels provided?	NO

YES

Firefighter Switch – High Voltage Luminous Tube Signs Etc	
Suitable provision of fire fighters switche(s) for high voltage luminous tube signs, etc (to include location)?	Νο
Fire and rescue services invited to exercise at School. Fire and rescue services have digitised maps of site, code numbers for main gates and details of where emergency cut-off switches handles are located	Emergency panels for alarms are clearly marked

Management of Fire Safety

Procedures And Arrangements				
Fire safety is managed by: Duty Holder, Competent person: Guy Cowper,				
Deputy, assistant or Estates Manager: Steve James competent person:				
Are competent person(s) appointed to assist in undertaking the preventative and protective measures (i.e. relevant general fire precautions)? Training records are available on request. State name and responsible element of fire safety				
Haven Ltd – Fire alarm systems				
Is there a suitable record of the			YES	
Appropriate fire procedures in p			YES	
	ire appropriate and properly docu		YES YES	
Are there suitable arrangements for summoning the Fire and Rescue Service? Are there suitable arrangements to meet the F&RS on arrival and provide relevant information? including that relating to hazards to fire fighters?			YES	
	lable indicating basic layout and a	ny areas of significant risk?	YES	
Are there suitable arrangement	or ensuring that the premises have	e been evacuated?	YES	
Is there a suitable fire assembly point(s)?			YES	
Are there adequate procedures for evacuation of any disabled people who are likely to be present?			YES	
Persons nominated and trained to assist with evacuation, Including evacuation of disabled people?			YES	
Appropriate liaison (if necessary) with Fire and Rescue Service Rescue Service crews visiting for familiarisation visits? At time of review there are No hearing-impaired persons in residential properties?			YES	
Termly routine in-house inspections of fire precautions (eg in the course of health and safety inspections)?			YES	
Training And Drills				
Fire safety training is managed by: Steve James: Estates Manager				
Deputy or assistant: Matthew Lane Assistant Estates Manager				
Are all staff given adequate fire safety instruction and training on induction?			YES	
Are all staff given adequate periodic 'refresher' training at suitable intervals? Fire Safety is a feature of continuous professional development sessions in September			YES	

and January each year	
Are all staff with special responsibilities (e.g. fire marshals and staff who assist with? disabled people) given additional training?	YES
Does all training for staff provide information, instruction or training on the all the following	ng?
Fire risks in the premises? The general fire precautions in the building? Action in the event of a fire? UPDATED FOR COVID LAYOUT Action on hearing the fire alarm signal? Method of operation of manual call points? Location and use of fire extinguishers? Means for summoning the fire and rescue service? Identity of persons nominated to assist with evacuation? Identity of persons nominated to use fire extinguishing appliances?	YES
Are fire drills carried out at appropriate intervals and a record of such drills maintained? Drills carried out at least termly	YES
Is there sufficient and adequate channels of communication of fire safety information between employer and employee (e.g. Health & Safety meetings, notice boards etc)	YES
When the employees of another employer or visitors work in the premises, are they provided with adequate instructions and given appropriate information (E.g. on fire risks and fire safety measures)?	YES

Testing And Maintenance			
Testing and Maintenance is managed by:	Steve James Estates Manager		
Deputy or assistant :	Matt Lane Assistant Estates Manager		
Adequate maintenance of workplace?		YES	
Weekly testing and periodic servicing of fire detection and alarm system to include ancillary equipment including automatic door closers		YES	
Monthly and annual testing routines for emergency escape lighting?		YES	
Annual maintenance of fire extinguishing appliances?		YES	
Periodic inspection of external escape staircases and gangways?		YES	
Routine checks of final exit doors and/or security fastenings?		YES	
Other relevant inspections or tests: Lab Technicians, Executive Chef, Design and Innovation, Food and Nutrition all monitor their areas.		YES	

Recording	
Appropriate records held for:	
Fire drills?	YES
Fire training?	YES

Fire alarm tests?	YES
Emergency escape lighting tests?	YES
Maintenance and testing of other fire precaution systems?	YES

Deficiencies and recommendations identified earlier within this risk assessment should be copied into the following Remedy Action Plan and appropriate action taken.

For an example, see page 32.

Significant Findings – Remedy Action Plan					
No	Action to be Taken	Priority	Target Completion Date	Action by	Date Action Completed
1	Actions on Fire Mark Cooper (Gardner) will be located at Main Gate to guide Brigade and prevent any access from public. Steve Kilty (Porter) will be located at Pool Gate. Nominated persons (fire marshals) will be sent to 3 o clock gate once the situation has been assessed and brigade on site.	1	Done	Corportor	1 Sept 2013
2	Door closers Missing door closers to be fitted in line with on-going project to replace fire doors with asbestos linings. We cannot fit closers to asbestos doors. Integrity of fire doors is good.	1	On going project Latest works complet ed May 2020	Carpenter Asbestos removal contractors.	
3	Acoustic door closers trialled and found to be successful. These devices are being deployed across high use areas as this eliminates crush and impact injuries to pupils in high use areas.				June 2017
4	4Seeltd review 17 th August identified more detail on contract cleaners procedure for ducting in kitchen and records of emergency lighting checks Regular Pool Gym users to have formal briefing annually				