



KD
GRAMMAR
SCHOOL
FOR BOYS

FAITH • LEARNING • LIFE

Kassim Darwish Grammar School for Boys

Fire Safety Policy

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Aims and objective

The aim of this policy is to state how KD Grammar School for Boys encompasses requirements of the law regarding fire precautions and prevention and enforces and maintains them within school. This policy seeks to:

- Have an effective and proactive system of fire prevention, aimed at identifying those circumstances that could lead to a fire if not recognised.
- To have a well organised means of safe evacuation of all persons on the premises and from all buildings to a point of safety in the event of any emergency.
- To have a means by which fire and rescue services required to enter the building during a fire, can quickly, safely and accurately navigate their way around and be fully informed of any persons not accounted for in the evacuation.
- Our primary objective is to minimise the risk to life and to reduce injury by maintaining the physical fire and the safety of the school, in ensuring that staff, students and visitors do not add to the fire risk through safe evacuation of the school should a fire break out. The fire safety policy, procedures and risk assessments at KD are designed to respond calmly and effectively in the event of fire breaking out on or around the premises.

In order to do so we will comply with the appropriate legislation in compiling an Emergency Plan from a structured and systematic Fire Risk Assessment of our workplace by:

- Identifying the fire hazards
- Identifying who is at risk from each fire hazard
- Evaluating if existing control measures reduce risk to adequate levels
- Determining what additional measures are required, in particular;
- Means of escape
- Means of detection and giving warning in case of fire
- Means of fighting the fire
- Planning, Training and Maintenance

Arrangements

The following arrangements/activities are established in order to meet the above policy requirements:

- A risk assessment system that includes assessment of the risk from fire and the identification of adequate preventative controls carried out by a fire consultant annually.
- Clearly defined Fire Evacuation Procedures tailored to each area to be maintained and kept up to date.
- Ensuring all persons with responsibilities clearly understand their duties
- A reporting system that enables any staff member to raise any concerns regarding the current fire precaution arrangements
- Equipment for dealing with a fire that might break out and the appropriate positioning of such equipment to enable quick and easy access to it. Serviced annually in accordance with relevant standards, e.g. BS306/part3 for extinguishers.
- Fire detection smoke alarms are appropriately positioned in key locations that assist in giving early detection and warning of fire or smoke. 100% of devices are tested annually.

- A fire alarm system by which the entire school can be alerted to the outbreak of any fire, with appropriate call points at each exit point
- Signs clearly displayed to enable all persons to follow a safe route to the nearest exit in the event of a fire
- Warning notices posted on fire doors, fire exit points and external locations to ensure that exit routes are not restricted or blocked.
- A system of regular in-house testing of fire alarms to ensure that any faults that may develop are detected and rectified in a timely manner (every week)
- A schedule of service and maintenance for the fire alarm system and all linked and ancillary equipment, such as emergency lights, smoke alarms, fire panels etc.
- A system of by-weekly testing of the emergency lighting to ensure its functional availability both during a fire or during loss of power; battery run function 1hr test every year with a three hour function test annually.
- A ramp is available for visitors who require the use of a wheelchair. The caretaker will ensure that the ramp is in place and secure for safe access/egress. KD will endeavour to put personal evacuation in place for any person who is mobility impaired.
- A system of carrying out fire drills every academic term involving all personnel on the premises to ensure the safe and swift evacuation to a pre-designated point of safety.
- A system of reporting on and reviewing fire drills to ensure the detailed instructions Fire Evacuation Procedure remain relevant and accurate.
- A schedule of service and maintenance of all fire extinguishers on the premises to prevent deterioration of the functionality of the extinguishers takes place annually.
- KD has a no smoking policy on the premises to significantly reduce the risk of a fire starting from non-extinguished cigarette ends in addition to other risks from smoking.
- A system of testing and examination of all portable electrical appliances to significantly reduce the risk of fire from electrical faults is carried out annually by an approved appointed contractor annually.
- Certification of the electrical distribution system to significantly reduce the risk of an outbreak of fire through deterioration of the cabling and switches is undertaken every 5 years and whenever a new installation is added.
- A system of waste management minimises the amount of rubbish and waste materials allowed to build up in order to remove as much flammable materials from the premises waste receptacles are kept in a designated area to prevent arson to the building.
- The provision of appropriate storage cabinets in order to store those materials and substances that are known to be flammable.
- A system by which all visitors and contractors required to enter the premises are informed of the key points regarding fire precautions and the rules by which they must abide by using the school visitor book & fire register kept in reception.
- An induction programme for all new staff joining the organisation (whether temporarily or otherwise) that includes information and instruction on fire precautions and the rules by which they must abide. Fire tours showing them escape routes and final exit doors.
- The provision and updating of a diagram of the premises showing the internal layout, including rooms and corridors, and the location of all relevant and applicable fire equipment and installations. The location of any specific hazards or hazardous areas, such as chemical laboratories are included.
- Annual record of gas appliance servicing, Lightning conductors, Gas shut off devices, Kitchen extract servicing and deep clean etc. on inspection of metal fire escapes. Security locks on escape route, upholstered furniture.

Staff Responsibilities

The H&S Officer undertakes the role of School Fire Officer. They are the person responsible for Fire Safety at KD.

All staff have the following responsibilities:

- Take responsibility for any pupils and students in their charge at the time of any fire or emergency and ensure they are safely guided out to the pre-designated assembly point.
- Keep all fire exit routes clear and free from obstacles and waste materials in their approximate vicinity.
- Not to restrict access to or reduce vision of any mounted fire extinguishers.
- Not to prop fire doors open, unless fitted with an automatic closer device linked to the fire alarm
- Fully co-operate evacuation drills – usually one per term
- Store all flammable substances and materials in appropriate locations after use
- Not to create fire hazards by overloading plug sockets and using multiple extension leads (daisy chaining)
- Ensure any visitors and contractors in their charge are made aware of fire safety procedures.
- Ensure any visitors or contractors under their charge at the time of any fire or emergency are safely guided out to a pre-designated assembly point
- Take note and comply with all signs posted around the premises
- Maintain vigilance for any potential fire hazards and to report them at the earliest opportunity to the school caretaker/H&S Officer
- To ensure safe access and egress to and from the premises

Training and Prevention Methods

- Training in the safe and speedy emergency evacuation procedures is given to all staff and students through regular fire drills. Further information and guidance can be obtained from the H&S Officer.
- Staff representing all areas of the school will be trained in the basics of fire prevention and precautions through arrangement of a competent external organisation. Annually, records will be kept by the H&S officer
- All staff are made aware that their primary duty under health and safety legislation is the safe evacuation of themselves, students and other employees. They also have a duty to visitors, parent helpers and contractors.
- Specialist fire equipment is required in places such as laboratories and kitchens and staff who work in these areas are to be aware of the particular hazards which exist and receive additional training as required.
- Key staff, as identified by the H&S officer, will be trained in the use of fire extinguishers
- Fire risk prevention is promoted through the following: a no smoking policy within the building; discouraging pupils from bringing lighters and matches (banned substances) to school; applying disciplinary measures in cases where pupils have been found smoking or using lighters/matches on site; ensuring all hazardous activities are risk assessed and control measures put in place before the activity commences; ensuring there is a culture of safety awareness amongst the staff and students

Practice Fire Drills

- Emergency drills will be carried out at least once a term and, in particular, at the beginning of the academic year, so that all new teachers, non-teaching staff, parent helpers and pupils are aware of the procedures. It is suggested that an emergency drill is carried out in the 2/3 weeks of each term. When new members of staff arrive at school or when temporary or supply teachers and non-teaching staff are appointed they should be instructed in the emergency procedure by those staff responsible for induction training.
- Induction Trainers should also conduct the new member(s) of staff around all exit routes. This should take place as soon as possible after their arrival at the school. During the "walkabout" all exits should be opened/shown to ensure that they are available for use.
- The H&S Officer, who will not normally inform other members of staff, will instigate emergency drills. However, the person who is responsible for calling the emergency services will always be aware that an emergency drill is to take place, and the alarm monitoring company should be asked to put the alarm in test mode for the duration of the test. This is so that the emergency services are not alerted unnecessarily. Emergency drills should be carried out at different times of the day so that students are aware of the different exit routes from the different parts of the school.
- The time taken to evacuate the building is recorded for all drills along with the "Total Evacuation Time", which is the time from the sounding of the alarm until all persons are accounted for. These times are evaluated following each drill and measures are taken to address the reasons for any delay.
- The Fire Log is completed following each evacuation. Any action resulting from the drill in conjunction with the school's maintenance programme to record those faults which are discovered during the emergency drill, e.g. an individual bell not ringing at full volume. Alternatively, a full report of the drill together with any recommendation is kept with the Fire Drill Log.

Evacuation Notices

- Fire Evacuation Notices are strategically positioned to aid in an emergency evacuation. All notices are checked as part of any health and safety check. It is the responsibility of the H&S Officer to install and maintain these notices.

Fire Fighting Equipment

Maintenance

- Any faults should be reported to the Caretaker so that extinguishers can be serviced immediately. Any maintenance required should only be carried out by a person who is qualified to British Approvals for Fire Equipment (BAFE) standards.
- Each fire extinguisher is visually examined by the Caretaker once a week to ensure that:
 - ✚ it is in the correct position
 - ✚ it is fully charged
 - ✚ the accidental discharge mechanism is intact
 - ✚ Appropriate fire extinguisher identification and usage signage is in place

- Spare fire extinguishers of each type are kept by maintenance staff. This ensures that should a fault be found during the weekly check, or at any other time, an operable extinguisher can be used to replace the faulty one.

Colour Coding

- The School meets BS 5423, Specification for Portable Fire Extinguishers, which recommends that all fire extinguishers should be red with an additional colour coding to indicate the extinguishing medium.

- 🚒 Red = Water#
- 🚒 Cream = Foam
- 🚒 Blue = Dry Powder
- 🚒 Black = Carbon Dioxide (CO2)

- The table below describes the type of fire extinguisher required to deal with the various classes of fire.

EXTINGUISHER		TYPE OF FIRE				
Colour	Type	Solids (wood, paper, cloth etc)	Flammable Liquids	Flammable Gasses	Electrical Equipment	Cooking Oils & Fats
	Water	✓ Yes	✗ No	✗ No	✗ No	✗ No
	Foam	✓ Yes	✓ Yes	✗ No	✗ No	✓ Yes
	Dry Powder	✓ Yes	✓ Yes	✓ Yes	✓ Yes	✗ No
	Carbon Dioxide (CO2)	✗ No	✓ Yes	✗ No	✓ Yes	✓ Yes

- Portable fire-fighting equipment, where practicable, is securely fixed to a wall with the carrying handles approximately 1m from floor level.
- Persons who need to use a fire extinguisher do not have to travel more than 30m in any direction to locate one.

Fire Blankets

- Fire blankets are used for smothering small fires, which involve cooking fat or other flammable liquids, and for smothering flames on people whose clothing has caught fire.
- Fire blankets are kept in suitable containers, which are fixed to the wall open end downwards. Blankets are positioned adjacent to the fire extinguishers in the school kitchen and science laboratory.

Buckets of Sand

- Buckets of sand are recommended for use in laboratories, as they can be used to contain spillages of flammable or other heavy liquids, thus preventing the spread of fire. One bucket of sand is to be placed by the portable fire-fighting equipment in each laboratory. Rubbish is not allowed to accumulate in these buckets.

Fire Alarm System

- There are fire alarm detection systems installed throughout the school. These have the facility to be manually operated by actuating a "Fire Call Point" situated in passageways and landings throughout the buildings.
- In high-risk areas, such as the kitchens etc. there are also automatic detection devices actuated by either heat or smoke.
- This Control Panel is "Addressed" which will tell the Fire Service the location of the actuation.
- Once operated, the fire alarm must only be reset by the Fire Service.
- The Fire Alarm will be sounded on a regular basis within one of the school buildings using a different manual call point each time. This will take place during school hours to familiarise building occupants with the sound of the alarm and will be done at a regular published time.
- These tests are recorded along with any defects found or reported by staff or students. Any defects affecting operational use are dealt with immediately by a competent qualified engineer. School maintenance staff are responsible for informing all persons using school premises when work is being carried out on the fire alarm system.
- If at any time the fire system fails or is found to be defective, especially while the school is occupied, the H&S Officer or their Deputy is to make alternative arrangements such as maintaining a 'fire watch'.

Suspected Gas Leak

Anyone who smells gas or believes that there is a gas leak on the premises, or in the near vicinity, should report this fact immediately via reception to the Caretaker/H&S Officer (School Fire officer).

Do (if safe to do so)

-  extinguish all naked flames
-  turn off all gas appliances and sources
-  open all windows

Do not

-  operate any electrical switches or mobile phones
-  use a naked flame to search

The Caretaker, if safe to do so, will shut off the gas supply at the incoming meter.

References

The following internal documents and official publications should be referenced in conjunction with this policy:

1. Fire Evacuation Procedures
2. Testing, service and maintenance records for fire equipment
3. Records for evacuation drills
4. Staff Induction Programme
5. Premises layout diagrams
6. Current set of regulations for fire precautions and prevention: The Regulatory Reform (Fire Safety) Order 2005

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