

Castle Cove Sailing Club

Fire Risk Assessment (January 2019)



1. Introduction

The Club has a legal obligation to conform to the appropriate regulations set out in the “The Fire Precautions (Workplace) Regulations” of 1997 as amended June 1999 and the subsequent “Regulatory Reform (Fire Safety) Order 2005”. The regulations impose health and safety requirements for fire precautions which include undertaking a Fire Risk Assessment and preparing an Emergency Plan. These documents must be available for issue to the fire authority should they request it.

2. Reference Documents

This Fire Risk Assessment has been conducted using the guidance provided in the following:

Reference A: A Short Guide to Making your Premises Safe from Fire (DCLG Publications 05 FSRD 03546)

Reference B: Fire Safety Risk Assessment for Small and Medium Places of Assembly (Dept Comm & Local Gov. ISBN 978 1 85112 816 7)

3. Method and Level of Assessment

The assessment has been undertaken using the guidance within Ref A. This utilises a qualitative review of potential fire hazards against control measures in place (or required) to reduce risk to an acceptable level. The objective is to drive down the fire risk to “As Low As Reasonable Practicable” (ALARP). However because the assessment is not quantitative with defined levels of acceptable risk there is subjectivity associated with the assessment. It is also difficult in some areas to tailor the measures against the requirements, because of the operations of the club.

4. Outputs

- a. Identify any inadequacies and a plan for corrective action.
- b. Provide an input to the Emergency Plan and Training requirement.

Prepared by: Neil Stroud for review by; House Committee Chairman, Flag Officers and Secretary.

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| Compartment | Fire Hazards | People/Groups at risk from the Hazard | Qualifying Risk Statement | Action Required |
|--|---|---|--|----------------------------------|
| | | | Existing Controls * = Inadequate | When required By whom |
| WHOLE | | | | |
| BUILDING CONSTRUCTION | | | | |
| Reinforced concrete shell, some inner walls and floor, with brick and block outer and inner walls Steel panel roof with steel joists Wooden rafters and loft floor Part suspended ceiling with non-combustible tiles Wood and plastic doors and windows (any change to reflect new windows?) | | | | |
| | Electrical fire | All | Circuit tested every 5 yrs All CCSC portable appliances PAT tested Low energy light bulbs used extensively, with waterproof covers in humid environments | As required |
| | Smoking related | All | No smoking within whole of building | |
| GROUND FLOOR | | | | |
| West Store: Sailing equipment store | No ignition source Storage of Sails Storage of wood, paint & some plastics Storage of empty outboard engines at the back during winter | Short term occupation Up to 10 people at any one time. | Short term occupation. Short exit routes Door can be unlocked from inside | Provide store for butane bottles |
| Boiler room | Gas water heater with flame failure device | Short term occupation | No flammable materials Appliances checked by competent person Extinguisher (below) short distance outside room | Periodic checks |
| Boat Store | No ignition source Use of paints & solvents. Sparks from metal working. | Up to 8 people at any one time. | Short exit route to large door 4kg Powder extinguisher fitted at door pillar | |

| Compartment | Fire Hazards | People/Groups at risk from the Hazard | Qualifying Risk Statement | Action Required |
|---|--|---|---|--------------------------|
| | | | Existing Controls * = Inadequate | When required By whom |
| Male & Female Changing Rooms | No ignition source other than any items brought in by persons using the rooms Clothing and wooden benches | Any person, up to 80 people using rooms | All changing rooms are linked by a lobby to one entrance and exit door. 9Ltr Water extinguisher fitted near exit door Smoke alarms fitted in Lobby Area | |

| Compartment | Fire Hazards | People/Groups at risk from the Hazard | Qualifying Risk Statement | Action Required |
|--|---|--|--|--------------------------|
| | | | Existing Controls *= Inadequate | When required By whom |
| FIRST FLOOR | | | | |
| Clubroom | Candles used few times per year Christmas lights. Fixtures & fittings include textiles, wood, plastics and paper. | Up to 120 people Escape capacity 380 people for 'normal risk' conditions. | Naked flames and Christmas lights never left unattended 3 escape routes. Curtains and fabrics are fire retardant. 9L Water extinguisher fitted near an emergency exit door to balcony Emergency lighting at primary emergency exit and balcony doors | |
| Bar, Beer Store & Glass wash area | Electric Appliances: Beer Cooler/ Pump, cool drinks cabinet & glass washer. Wood, Plastics and some cardboard waste Electric air conditioning unit in Beer store | Any person, up to 3 at any one time | Small, compact and tidy area where fire would easily be detected. Short escape route Smoke detectors in Bar and glass wash area provide audible alarm. Bar door and beer store doors locked when not in use. 2 Kg Powder extinguisher fitted between bar and beer store doors. | |
| Chart Room | No ignition sources Computer and ancillaries Paper, wood and plastics. Textile curtains Members coats of unknown fabric | Any person, up to 12 at any one time. | The room is only 11sq m, hence fire will easily be detected by occupants. Short escape route 9L water and CO2 extinguishers by door | |

| Compartment | Fire Hazards | People/Groups at risk from the Hazard | Qualifying Risk Statement | Action Required |
|-----------------------------|--|--|---|--------------------------|
| | | | Existing Controls * = Inadequate | When required By whom |
| Galley | Electric cooker Gas cooker with flame failure devices Gas plate warmer with flame failure device Hot cooking oils Ignition of clothing | Any person ,up to 8 at any one time | Fire easily detected by operators and temperature rise detector provides audible alarm. 2 Kg Powder extinguisher and Fire blanket fitted by exit route from cookers. 2 Fire Blankets located adjacent to cookers Emergency Gas cut off valve fitted adjacent to exit route from galley Self-closing fire door fitted at galley entrance/exit. No deep fat frying Two short escape routes Two manual alarm bells nearby Aprons available to protect loose clothing | |
| Corridor & Foyer | No ignition sources | Those passing along corridor. | Emergency lights fitted mid corridor and at Main entrance/Exit. 9Ltr Water extinguisher fitted at exit door Two manual bells fitted Secondary exit via clubroom is by inward opening door. | |
| Toilet Blocks | No ignition sources Textile curtains Members coats of unknown fabric | Any person, up to 6 at any one time | Windows and <8sq m, emergency lighting deemed unnecessary | |
| Loft | No ignition sources Paper, wood and plastics | Short term occupation by up to 2 people. | Escape by ladder with handrail | |