

GETTING YOUR FACILITIES FIT FOR SPORT

PROTECTION LEVEL 0

SPORTSCOTLAND OPERATIONAL GUIDANCE: SWIMMING POOLS

JULY 2021

INTRODUCTION

The information set out in this document applies to Scotland only, for use at protection level 0. It has been developed in line with current Scottish Government guidance: [Coronavirus \(COVID-19\) protection levels](#).

We recommend that you keep up to date with the Scottish Government's guidance on health, physical distancing and hygiene. Facility operators, clubs and participants should be aware of any updates and may need to adapt to changes in the guidance at short notice. Information on the Scottish Government's approach to managing Coronavirus (COVID-19) is available at [Scottish Government: Coronavirus in Scotland Guidance](#).

Who is this guidance intended for?

It is intended for facility operators of **swimming pools**, both indoor and outdoor.

This appendix to our [Getting your facilities fit for sport guidance](#) should be read in conjunction with, and not instead of, our overarching guidance. It will direct you to Scottish Swimming's [Back to the Water - Pool Operators COVID-19 Guidance](#) and other technical documents on the swimming pool hall and changing areas.

Additional considerations

Scottish Governing Bodies of sport (SGBs), clubs and participants should be made aware that the easing of restrictions does not mean that all facilities will open immediately. Owners and operators will require time to consider the implications of opening facilities, putting plans in place to re-engage their staff and setting up operations that ensure the safety of participants, staff and volunteers.

Prior to any activity taking place at a facility, it is the responsibility of the operator to undertake a documented risk assessment, based on their local circumstances. Consider safety first, particularly focusing on minimising the risk of infection/transmission. Appropriate measures must be put in place to ensure participants, staff and volunteers are always protected.

Operators must ensure that all sport-specific organised activity planned and programmed at the facility is fully in accordance with the guidance issued by SGBs – see [Scottish Governing Body specific guidance](#).

Please note it is now more important than ever that operators of facilities develop inclusive plans for everyone, ensuring extra support for people who may need it to be active.

Four-stage plan



The work carried out at the plan stage should now be put into action. This next stage will help you prepare your facility prior to opening.

OPERATIONAL GUIDANCE

Checklist of considerations

- For guidance on the management and operational considerations and actions required to safely re-open the swimming pool and surrounding wet areas, operators should refer to Scottish Swimming's [Back to the Water - Pool Operators COVID-19](#)

The guidance aims to support operators to develop plans to re-open swimming facilities following the period of closure due to Coronavirus (COVID-19) and provides guidance on reducing the risk of transmission within the swimming pool environment.

- The Pool Water Treatment Advisory Group (PWTAG) is the recognised body for swimming water quality standards in the UK. Prior to re-commissioning a swimming pool facility, the following advice should also be followed:
 - The Pool Water Treatment Advisory Group [Code of Practice](#)
 - The Pool Water Treatment Advisory Group [The Swimming Pool Water Book](#)
 - The Pool Water Treatment Advisory Group [Technical notes](#)

Operators should also ensure they are operating in accordance with the following guidance and standards:

- BS EN 13451: Swimming pool equipment
- BS EN 15288: Swimming pools for public use
 - Part 1: Safety requirements for design
 - Part 2: Safety requirements for operation
- HSG 179: Health and safety in swimming pools
[Guidance for Swimming Pool Operators Managing Lifeguards during COVID-19.](#)

MAXIMUM CAPACITY OF BUILDING

The maximum capacity of the building is not the same as the maximum capacity of the swimming pool hall. This is the maximum number of people that can be in the building at any one time based on the Scottish Government requirement for physical distancing and the impact ventilation will have on your capacity. Your maximum capacity is based on the lower figure.

VENTILATION

Checklist of considerations

- Evidence continues to suggest that, in poorly ventilated indoor spaces, airborne aerosols are a possible transmission route. This is why ventilation is an important part of mitigating against the transmission of Coronavirus (COVID-19). Ventilation into the building should be optimised to ensure a fresh air supply is provided to all areas of the facility and increased wherever possible. Particular attention should be given to spaces where high-intensity exercise activity takes place. Ventilation systems should provide 100% fresh air and not recirculate air from one space to another if possible.

If you have no mechanical ventilation within your facility or your facility is naturally ventilated:

- Doors (not fire doors) and windows should be opened to allow in fresh air 15 minutes before activity and when activity spaces are in use.
- During the colder months, wind and indoor/outdoor temperature difference are greater and therefore the openings do not have to be opened as wide to create the same airflow.
- Take care to ensure that open windows do not cause a hazard to anyone moving outside or within activity spaces.
- It is important to ensure that windows are open even if it is cooler outside. If it is windy, cold or raining then it may not be practical to fully open the windows, but they should be open as far as reasonably possible without causing discomfort.
- It may be necessary to heat a room more than normal or the space may be colder than previously experienced. Participants should be made aware of the changes and encouraged to wear more layers.

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- Where a room only has openable windows on one side, consideration should be given to areas within the room where air may become stagnant. It is generally considered that rooms can be well ventilated by single-sided ventilation if the depth of the room is less than twice the height. In deeper-plan rooms it is advisable to use a local recirculation unit or fan at the back of the room to enhance air disturbance and reduce the risk of stagnant air.
 - The guidance on physical distancing will inform how many people can safely be involved in activity in each space. Consideration should also be given to reducing the numbers or removing from use any activity spaces that do not have windows, doors or vents to allow natural ventilation.

Please refer to Section 4 in the CIBSE [COVID-19 Ventilation guidance](#) for more detailed information.

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- CIBSE guidance suggests that Nondispersive infrared (NDIR) CO₂ sensors can be used to monitor the provision of adequate ventilation to an occupied zone. Indoor ventilation dilutes exhaled CO₂ from occupants and so the CO₂ concentration in a space can be used to demonstrate ventilation rates. A CO₂ concentration of 1000ppm (parts per million) is generally indicative of an outdoor air supply of 8-10 litres per second per person.

We recommend that sports facilities regularly monitor the CO₂ levels within both mechanically and naturally ventilated activity spaces to ensure enhanced ventilation levels are achieved.

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- When the recommended 1000ppm is exceeded, the following measures should be considered:
 - Open doors and windows
 - Reduce class sizes or occupancy levels.
 - Change programming to allow bigger spaces between sessions.
 - Add HEPA rated portable air purifiers which increase the air change rate and remove the virus and pollutants from the air if sized correctly for the space.
 - Add fully mechanical ventilation solution.
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MAXIMUM CAPACITY OF SPACES WITHIN BUILDING

The maximum capacity of activity spaces within the building should be based on the Scottish Government requirement for physical distancing, and with consideration given to the nature of the activities to be undertaken (i.e. if the activity is static or dynamic), the equipment layout and the overall ventilation and configuration of the facility.

Checklist of considerations

- You must conduct a risk assessment for the facility and the proposed activities that will be undertaken to determine the maximum safe capacity in each of the spaces. The risk assessment must consider the:
 - Activities that can be undertaken and the spaces that will be used.
 - Impact of ventilation on the overall maximum capacity for the building.
 - Specific measures to be put in place to ensure physical distancing, enhanced hygiene and cleaning.
 - Additional needs of any participants with disabilities.

We recommend you allow a minimum of **7sqm** per person in all dry side activity spaces to maintain 1m physical distancing and ensure enhanced ventilation.

The guidance on physical distancing will inform how many people can safely be involved in activity in each space, while never exceeding the overall maximum capacity for the building.

If your risk assessment identifies that a facility or specific spaces within a facility cannot be opened safely, or identifies activities that are not safe for staff, coaches or participants, then the facility or spaces must remain closed or activities suspended.

CONTACT US

If you have any questions regarding the guidance please get in touch with one of **sportscotland's** Facilities Project Managers at facilities@sportscotland.org.uk

UPDATES AND REVISIONS

Date	Page	Section	Summary
29/7/2021	4	Ventilation	Additional information added on co2 monitoring
29/7/2021	5	Capacity	Capacity update to 7sqm, Ventilation note added

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