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|  | Helensburgh Sailing Club | | |
| | STANDARD OPERATING PROCEDURE | | |
| Bar Store Safety | | | |
| Procedure No | 08 – Rev01 | Prepared By | Tim Flatman |
| Date Issued | March 2021 | Checked by | Ian Chatten |
| Supersedes | | Approved by | James Miller |

Contents

| | | |
|----|---|---|
| 1. | Guidance for Bar Personnel - Bar Store Safety | 2 |
| 2. | Bar Store - Action in the case of Gas Leak..... | 2 |
| 3. | Hazard of Asphyxiation from Beverage Gas - Risk Evaluation..... | 2 |

1. Guidance for Bar Personnel - Bar Store Safety

The Gas Bottles to the Beer Delivery System are to be turned off when the system is non-operational. The system is only to be pressurised during bar service hours and during cleaning. Please ensure bottles are turned off when closing the bar.

2. Bar Store - Action in the case of Gas Leak

- 2.1. Bar gas can cause Asphyxia.
- 2.2. In the event of a major leak the club is to be evacuated immediately using the club
- 2.3. evacuation procedure.
- 2.4. When opening the gas supply to the beer delivery system listen out for leaks and if detected
- 2.5. close off gas bottles immediately. Cease operations and seek help.

3. Hazard of Asphyxiation from Beverage Gas - Risk Evaluation

- The bar storage area is on the same level, and contiguous with the bar area and the main lounge.
- The bar storage door is only open during stock management and when the bar is in operation.
- Gas cylinders are only on when the bar is in operation.
- Gas cylinders are stored in a corner of the area, and chained to remain upright. They are well protected from accidental contact.
- There are ground level air vents to the outside and forced, temperature controlled, ventilation in the ceiling. Thus, escaped gas which is either heavier or lighter than air has a route to atmosphere.
- Only trained bar staff handle or change cylinders
- Only named persons have access to the bar storage area.
- The bar storage area door is open during bar operations.
- A major gas leak would be heard by bar staff during bar operation and the lounge is large enabling easy evacuation away from the leak locus. A major leak during non-operational period is deemed highly unlikely because gas cylinders are off. However even in that scenario the gas has the means to dissipate to the outside over time. A major leak not caused by direct mechanical damage is deemed highly unlikely given the location and nature of the gas cylinders and the tap protocol.
- A minor leak could be undetected but a build-up of gas to dangerous levels is considered unlikely due to the ventilation incorporated in the store.
- Appropriate signage is in place to ensure bottles are turned off at the tap when the bar is non-operational and the bar store door is open when staff are present are in place.
- Cylinders are checked on delivery to ensure they are in good condition and are properly labelled.

On the basis of all of the above, and mitigation measure in place, the risk is assessed as LOW