

Barry Yacht Club

WORK EQUIPMENT RISK ASSESSMENT

| Assessment Details | | | |
|--------------------|----------------|----------------------|------------|
| Equipment Name: | Yacht Hoist | Reference Number: | WERA01 |
| Name of Assessor: | Clive Williams | Date of Assessment: | 13.01.2018 |
| Name of Reviewer: | Phil Rowlands | Date of Last Review: | 21.05.2019 |

Description of Use:

Yachts are transferred around the Yacht Club site to and from the dry storage area. The height of the work equipment is sufficient to “cradle” the yacht in a suspended position between the four vertical box section struts.

The operator point is a fenced area situated around 2m above ground level. Access to the operator level is via a vertical ladder with a handrail. The handrail is moved to become the gate around the operator point.

The operation of the Hoist is via a pedal at the operator point which defaults to safe when pressure is taken from the pedal. There are four hydraulic valves that open when the pedal is operated and these valves direct oil to the drive mechanism. When no pressure is applied to the pedal, the valves close.

Further valves are operated to raise/lower the tackle blocks. These blocks support a pair of beams from which the yacht slings are suspended.

| Types of Hazard (* appropriate) | | | |
|---------------------------------|---|---------------------------------|---|
| Machinery Contact | ✓ | Poor Access / Egress | ✓ |
| Contact with Object / Yacht | ✓ | Slip, Trip, Fall (Same / Level) | ✓ |
| Working at Height | ✓ | Manual Handling | ✓ |
| Other: | | | |

| Types of Risk (* appropriate) | | | |
|-------------------------------|---|----------------------------------|---|
| Entrapment | ✓ | Entanglement | ✓ |
| Lacerations | ✓ | Manual Handling Injury | ✓ |
| Death | ✓ | Fall from Height | ✓ |
| Amputation | ✓ | Struck by Flying / Moving Object | ✓ |
| Other: | | | |

| PPE Requirements | | |
|-----------------------|---------|------------------------------------|
| PPE Item | Advised | Made available |
| Hard Hat | ✓ | Yes – hanging on hoist |
| Safety Footwear | ✓ | Operator to wear own footwear |
| High viz for Banksmen | ✓ | Yes – available in the “Cathedral” |
| Other: | | |

| Persons at Risk (* appropriate) | | | |
|---------------------------------|---|----------------------------|--|
| Operators/Banksmen | ✓ | Young person/child | |
| Visitors | ✓ | New / expectant mother | |
| Contractors | | Disabled person | |
| Members | ✓ | Non-English speaker/reader | |
| Other: | | | |

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| Existing Controls (* appropriate) | | | |
|-----------------------------------|---|--|---|
| Environment | ✓ | Signage | ✓ |
| Guarding | ✓ | Ensure the equipment is tested in line with LOLER regs and record all testing carried out. | ✓ |
| PPE | ✓ | Traffic system controls | ✓ |
| Maintenance | ✓ | Banksmen | ✓ |
| Training | ✓ | Safe System of Work | ✓ |
| Other: | | | |

| Comments |
|--|
| All persons required to operate this piece of equipment have been suitably trained. Only trained operatives are allowed to use this piece of equipment. |

| Risk Rating (✓ appropriate) | | | | | | | |
|-----------------------------|---|-------------------|-----------------------|------------------------|---|---------------|---------------------|
| A – Likelihood | | B - Severity | | C - Exposure | | Total (AxBxC) | Current Risk Rating |
| 1. Unlikely | ✓ | 1. First Aid | | 1. Irregular | | 9 | LOW |
| 2. Possible | | 2. Minor | | 2. Occasional | | | |
| 3. Probable | | 3. Major | ✓ | 3. Frequent (Seasonal) | ✓ | | |
| 4. Inevitable | | 4. Death | | 4. Continuous | | | |
| Risk Rating Key | | 1-10 = LOW | 11-20 = MEDIUM | 21+ = HIGH | | | |

| Existing and Recommended Controls | | | | |
|-----------------------------------|---|----------------|----------|------------|
| Ref | Objective | Responsibility | Target | Status (%) |
| 1. | Ensure only authorised persons are allowed to use the equipment. | PR | Jan 19 | 100% |
| 2. | Ensure the equipment is tested in line with LOLER regulations and record all testing carried out. | PR | Annual | 100% |
| 3. | Ensure PPE is made available and advise all operatives to wear/use the PPE provided when using this appliance. i.e high viz tabards, foot protection and hard hats. | PR | 31.08.19 | 60% |
| 4. | Ensure SSOW is communicated and observed during operation. | PR | 31.08.19 | 50% |
| 5. | Carry out toolbox talk/briefing with operatives & banksmen/owners regarding safe operation of this equipment, hard hats, foot protection and high viz for banksmen. | PR | 31.08.19 | 0% |

| | |
|--|------------|
| Residual Risk Rating (with both existing <u>and recommended additional</u> controls in place): | LOW |
|--|------------|