



Yellow Footed Rock Wallaby Preservation Association Inc

PO Box 376, Campbelltown SA 5074

## HISTORY WITH A FUTURE

### Safety and Maintenance Instruction

Name	Instruction Number	Date	Version	Review Date
Windmill Maintenance	YF-SI-05	25/10/2015	1	25/10/2018

#### Purpose

This instruction is to ensure safe maintenance of the Windmill located at The Bunkers Conservation Reserve in accordance with Work Health and Safety Act 2012 (SA)

All members and visitors while working at The Bunkers Conservation Reserve must comply with the Act as per the definition of a Worker.

#### 1. Prestart

Before starting the maintenance ensure the following:

- Check Safety Harness as per SWP 18

#### 2. Tools Required

- Double ended rope lanyard to secure windmill fan
- 200mm shifting spanner
- General purpose lubricating oil
- Viscotine Lubricant

#### 3. Maintenance

- Apply the tail brake on the windmill and ensure fan stops turning
- Put on Personal Safety Harness and ensure the harness is fitting properly
- Climb the windmill ladder to the work platform and before climbing onto the work platform secure yourself to the central frame of the windmill above the work platform.
- Secure the windmill fan with the double ended rope lanyard by securing one end to a fan stay then wrap the lanyard around the windmill mast and secure the other end of the lanyard to the same fan stay. (note lubricating plug on windmill main shaft should be facing up when you secure the fan)
- Once fan is secured check that the work platform is safe to use and secure.
- Climb onto the work platform and adjust the safety harness lanyard to the require length.
- Remove the windmill gearbox cover by undoing the wing nut on the top of the cover, remove cover and hang cover on the tail stay using clip on the back of the cover and secure the wing nut.
- Check the oil level in the gearbox and make sure it is level to the oil mark on the inside of the gearbox casting, top up as required, replace the gearbox cover and secure with the wing nut.
- Remove the threaded plug on the main shaft of the fan and spray liberal amount of Viscotine into the lubrication tube, replace threaded plug.
- Check that all bolts and stays are secure
- Climb off of platform and lubricate all moving pivots and bushings under the gearbox.
- Release the lanyard on the fan and then climb down.
- Release tail brake.

#### 4. Cleanup

- Remove harness and check for damage and put back in locker
- Check Rope lanyard for damage and put back in locker
- Put Lubricants away in locker.
- Check operation of of the windmill

Authorising Officer \_\_\_\_\_ Sign \_\_\_\_\_ Date 22/10/2015