

Windsock Installation & Inspection Procedures

SCOPE Installation & Inspection	SAFETY WHS Compliant	METHODS Bridle Harness / Fixed Frame	MAINTENANCE Regular Inspection
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Safety Requirements

All installation and inspection must be carried out in accordance with existing site safe working and Worksafe regulations. Only qualified personnel who thoroughly understand the nature of the assembly should be engaged. Any parties working at heights must follow relevant WHS legislation. A licensed Electrical Contractor must be engaged for any illuminated assemblies.

Method 1: Bridle Harness & Rotor Arm Pivot

- Locate the lobster claw clip attached to the Bridle Harness
- Secure the lobster claw clip to the ring on the Rotor Arm Pivot
- Ensure the clip can travel freely around the ring and rotate 360 degrees
- Ensure the pole is vertical using a spirit level and that the pole is secure
- Observe the Windsock and ensure smooth rotation with no resistance
- The Rotor Arm Pivot turns within HDPE Plastic - no lubrication required

Method 2: Fixed Frame Installation

- Line up the mouth of the Windsock with the frame
- Orientate the seams on the sides (not top/bottom) of the frame
- Use UV-stabilised HD black cable ties (SS cable ties also used in certain installations)
- Cable ties should be snug tight - not over-tight
- Orientate cable tie ends away from the Windsock or cut off closely
- Ensure the pole is vertical using a spirit level
- Observe and ensure smooth rotation with no resistance
- Windsock Frame bearings are sealed - no lubrication required



At a Glance

2

Installation methods

WHS

Compliant

6

Inspection points

Regular

Maintenance

Inspection Procedures

- Windsock assemblies are continuously exposed to wind and weather - debris from extreme winds can cause damage
- Lower the pole to accessible height for safe examination (mid-hinging or swivelling poles recommended)
- Inspect top section, pole, hinge and base adaptor plate for corrosion, cracking or mechanical wear
- Rotate the Windsock top section - ensure smooth rotation with no resistance
- Check pole base and top section are vertical using a spirit level
- Check all nuts and grub screws are tight
- Inspect Windsock for tears and colour fading - replace if torn or faded

Specific Inspection Notes

- Bridle Harness: Check lobster claw clip moves freely, ensure small gap in ring on the Rotor Arm Pivot
- Fixed Frame: Inspect eyelets for wear, pulling or ripping - rotate Windsock if required to equalise wear

Why Windsocks Australia?

- Australian Made & Owned - specialist Manufacturer since 2003
- Full Engineering support, Certification & Compliance documentation
- Dedicated product range for Mining, Construction & Remote sites
- Responsive technical support & national logistics capability
- Proven track record with Tier 1 operators across all major industries

About Windsocks Australia

Australia's leading manufacturer of industrial Windsock systems. Designed, engineered and assembled in Australia for the harshest environments - from offshore platforms to remote mining and LNG facilities.

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