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Instructions For Use - Lion Tails

Caution:

- *This product is to be used by authorised industry trained personnel only.*
- *The use of this product must adhere to appropriate work practises and or industry standards ensuring compliance to all Workplace Health and Safety Regulations.*
- *This product may only be installed onto an asset when the asset owner has approved of such installation.*
- *Failure to follow appropriate work practices and operational instructions or modifications to this equipment can result in product damage and or serious injury.*
- *These instructions are to be read in conjunction with The Product Data Sheet (PDS) as well as Balmoral Engineering terms and conditions published on our website.*

1. In - Service Care

BALMORAL™ Lion Tails Covered by this Instructions for Use	
<u>Product</u>	<u>Item description</u>
DB45B	Lion Tails™ 2mx45mm Yellow PE ASTM CL2 14.6KV
DB35B	Lion Tails™ 2mx35mm Orange PE ASTM CL3 26KV

It is recommended that **BALMORAL™** Lion Tails should be cared for in the following manner:

Periodic Visual Inspection and Care:

It is recommended that when it is possible, the Lion Tails are periodically inspected, cleaned and reinspected every 6 months. This inspection is intended to be adjunct and not a replacement for the routine inspection prior to use of the product.

To aid visual inspection, the Lion Tails should be:

- Placed on a clean and well-lit workspace.
- Cleaned with a mild degreaser or soapy water and lightly scrubbed to remove dirt and other debris
- Any Lion Tails that are found to be defective should be removed from service
- Defects commonly take the form of Abrasions, punctures, cracks, splitting of the material or foreign objects embedded in the surface. Due to the design of the Lion Tails, if the black layer inner layer can be seen through the outer layer, the item is also considered defective.

Storage:

To prevent premature wear of the Lion Tails, it is recommended they are stored in a stable room temperature environment away from sharp objects, sunlight, ozone and steam.

Care should be taken when transporting to work sites to ensure the Lion Tails are kept clear of sharp objects and or oil-based products and hydrocarbon derivatives that can damage or reduce the serviceable life.

Note: Other storage methods may be suitable, however, if these methods have not been approved by Balmoral Engineering, then the customer takes full responsibility for their suitability.

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Use:

- Prior to the commencement of work, Lion Tails should be visually inspected for any defects. For further instruction please refer to the section “Periodic Visual Inspection and Care”.
- Should any Lion Tails be found to have a defect, it should be removed from service.
- Any Lion Tails that become soiled or dirty should be cleaned.
- Maximum use voltage is 14.6KV for DB45B and 26KV for DB35B (brush contact only - all phases covered)

Bell housing:

The Lion Tails employ a male female adaptor on each end. As such a singular protective item can be created by linking the Lion Tails together. The Lion Tails can connect to their own product but cannot connect to other products. For example, a DB35B can connect to another DB35B but not to a DB45B.



Figure 1 DB45B

Label:

The label on the Lion Tails can be bought separately and replaced if it becomes soiled or damaged providing the Lion Tails remain in a serviceable condition and compliant with ASTM F712. The label should only be affixed to products complying with the applicable standards. Each Label contains information about the voltage rating of the product phase to phase, being either ASTM F712 Class 2 or Class 3. An example of each Label can be found below.



Figure 2 DB45B



Figure 3 DB35B

The label shall be affixed to the top of the Lion Tails in a way to not cross the slit. The planned area for affixing the label needs to be thoroughly cleaned before application of the label. The label should be applied smoothly to the surface of the Lion Tails, with any bubbles worked out from under the label and some compression applied. The Label uses a special UV curing ink and are self-adhesive.