

SCOPE OF WORK

MAINTENANCE AND REFURBISHMENT OF TRANSFORMER COOLING FANS

SOW Reference

No:

Rev:

0

Collect Fans from ERI workshop

Send ERI project manager the work schedule

Dismantle the fans

Inspect the impellers for cracks and each component

Wash and clean components

Carry out mechanical and electrical checks

Assessment / Quote

Rewind stator (If required) clean and varnish

Replace Bearings / V Seal

Replace all damaged components

Assemble complete unit

Test run the motor

Dynamic balance fan and supply certificate

Vibration test and supply certificate

Paint and label the unit with direction arrows as required

Prepare and supply test certificate

Despatch and deliver the units to ERI workshop

NB: Replace the fibre glass blade with aluminium blade - new blades to be bolted and not glued

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Date: 22/05/2023

Approved by:



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