

IN-SITU SLIPRING & COMMUTATOR REPAIRS

Nicol & Andrew can repair your worn or damaged sliprings and commutators using our innovative, in-situ orbital equipment. This rotates around the stationary shaft and avoids the need for shaft rotation. If needs dictate we can also rotate the shaft and use special purpose machine tools to cut, grind or finish the damaged surface.

How You Benefit By In-Situ Slipring Repairs

- No need to strip out the Slipring or
- Commutator, (remove brushgear only)
- Downtime reduced (as little as 24 hours)
- Restored to original OEM specification
- Fast response
- Always available, 24/7 service
- Comprehensive technical backup

Worn Cooling Grooves Repaired

We re-groove or deepen grooves in worn sliprings where the depth of groove has fallen below a predefined minimum limit. This work can be carried out using our orbital equipment or by rotating the shaft and using a precision machine slide and grooving attachment.

Sliprings Returned To Original Diameter In-Situ Our Lloyds approved in-situ electroplating service can be used to build back up worn copper sliprings. This can avoid the usual delays in waiting for a new slipring.

Commutators Refurbished In-Situ

We can machine and polish your Commutators in-situ using our existing orbital method plus many other techniques including grinding and finishing.

Mica Insulators Relieved

The mica insulator can be relieved back below the surface of the Commutator and any Commutator edges profiled smooth. All swarf created during this operation is carefully removed to avoid shorting problems.



Machining Sliprings in a Power Station



An Example of a Machined Commutator

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ISO 9001
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Visit Our
Metal Stitching Service
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