

IN-SITU JOURNAL REPAIRS

Nicol & Andrew repair worn or damaged bearing journals using our proprietary, in-situ orbital tooling and polishing equipment.
No shaft rotation required

How You Benefit By In-Situ Journal Repairs

- Fast response
- Downtime reduced (as little as 24 hours)
- Always available, 24/7 service
- No need to fully strip the machine
- No need to rotate the shaft
- Restored to original OEM specification
- Comprehensive technical backup

Large or Small Diameters

We repair journals with diameters ranging from 50mm up to 1500mm with lengths of up to 1400mm.

Surface Finish Achieved

Surface finish will be held to within 0.3 μM RA or better if required.

No Datums? - No Problem

Journals with damage along their entire length where original datums are hard to establish can still be machined using our adjustable datum running plates.

White Metal Or Split roller Bearings

We repair journals that run on either and we can convert white metal types to low maintenance Cooper Split Rollers. The tolerance for these conversions, usually +0.00mm-0.025mm, is easily achievable.

Shafts Restored To Original Size

We can orbitally weld or electroplate your shaft back to original size, in-situ. Your damaged shaft can be restored to a better than new condition and will accept standard size bearings.

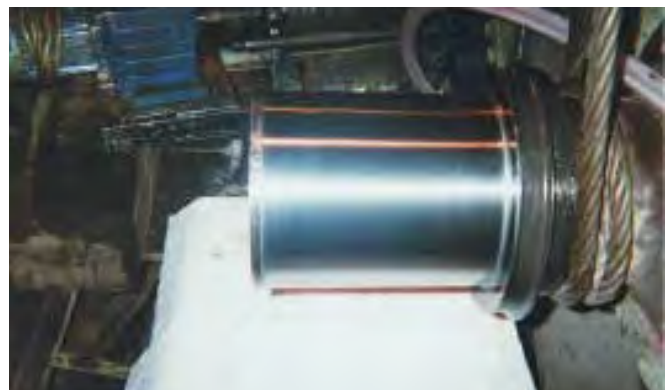
Repair example in UK Powerstation



A Badly Worn 300mm \varnothing Fanshaft Journal Prior to Any Machining Work



The same 300mm \varnothing Fanshaft Journal During Machining



The same 300mm \varnothing Fanshaft Journal After Honing and Polishing



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**ISO 9001
2015**



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