



ROSS & CATHERALL

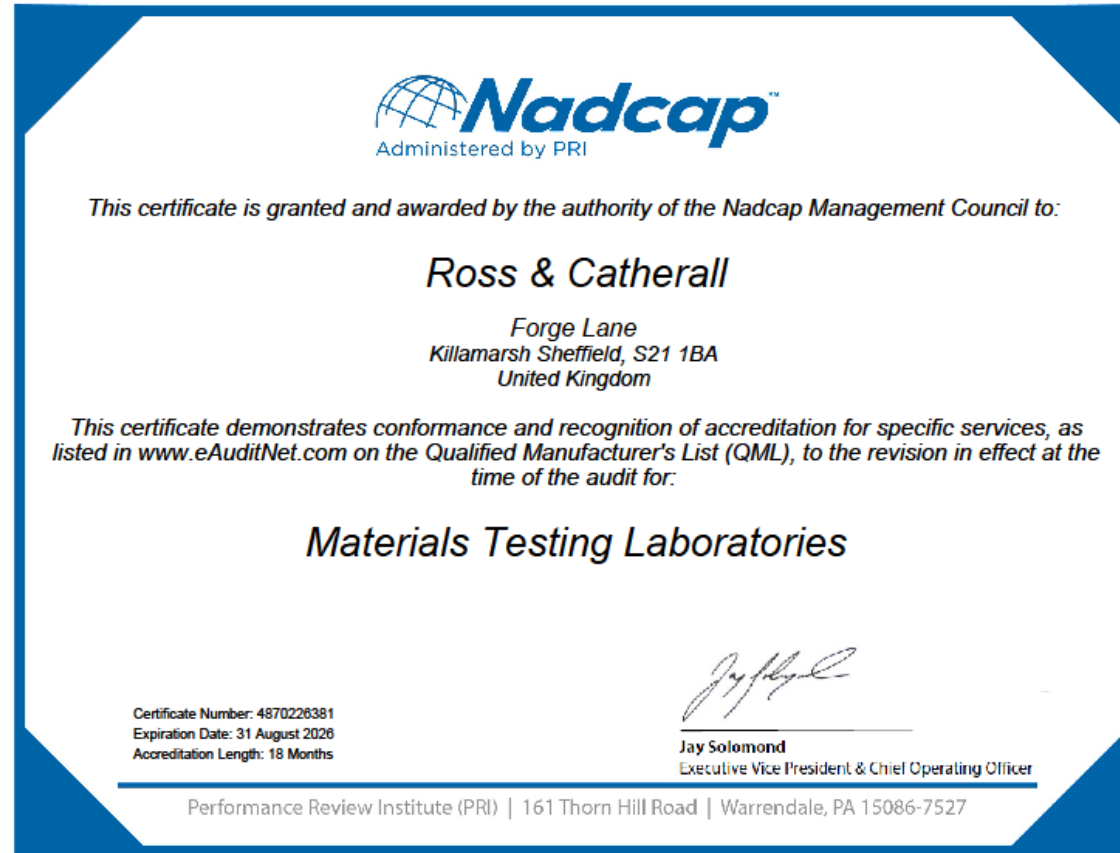
# Laboratory & Analytical Services

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Independent laboratory testing of external metals & alloys

Turning **Metals** into **Motion**

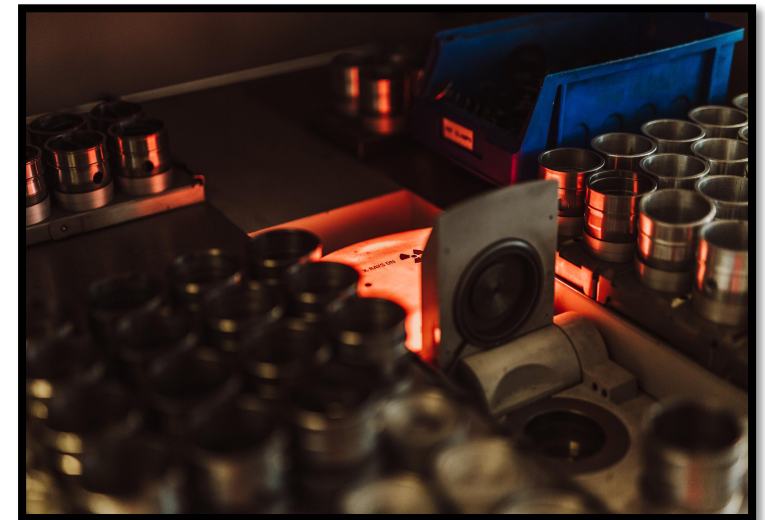
# Nadcap recertification achieved!





# Laboratory services include...

- Chemical analysis of Nickel, Cobalt & Iron based alloys ✓
- All testing conducted to ISO17025 & NADCAP accredited standards ✓
- Advanced analytical testing equipment including ✓
  - XRF
  - OES
  - Inert Gas Fusion & Combustion for bulk analysis
  - GDMS (Glow Discharge Mass Spectrometer) for readings down to parts per million
- In-house laboratory operating 24 hours, 6 days per week ✓



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# Laboratory Capabilities

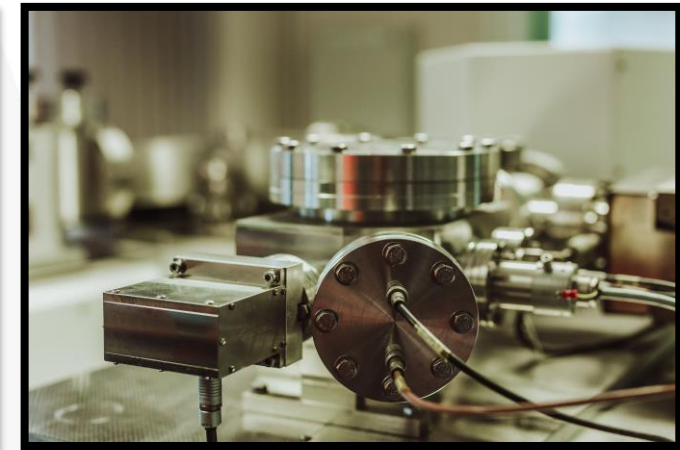
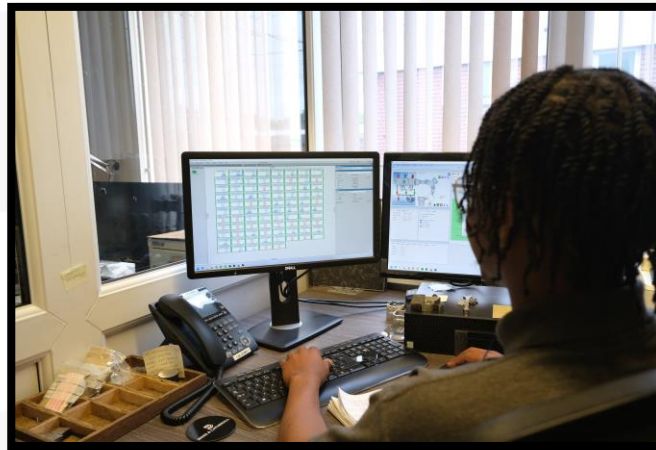
- XRF - Panalytical Zetium
- OES – Spectro SPECTROMAXx and SpectroLab
- Combustion LECO C&S CS844ES and CS844
- Gas fusion O&N Leco ON836
- GDMS – Nu Instruments, Astrum
- Duplicate instruments. Replacement to state-of-the-art technology on a rolling Capex\* programme.



# Laboratory Capabilities

Glow Discharge Mass Spectrometer (GDMS) for trace element analysis

- Nadcap Approved Laboratory
- SAFRAN Approved
- GE Aviation & Power Approved



Pictures: GDMS spectrometer at R&C

# Industry Approvals

- AS 9100: Rev D / ISO 9001: 2015
- ISO 14001: 2015 Environmental Management Standard
- ISO 45001: 2018 Occupational Health & Safety Management
- ISO17025: 2017 Testing and Calibration Laboratories
- Nadcap (MTL)

Copies of all certificates can be provided



Materials Testing Laboratories

