



# MICHAEL ANDERSON

## Senior Magnetic Particle Testing Technician

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### SUMMARY

Accomplished Magnetic Particle Testing Technician with extensive expertise in non-destructive testing methodologies and a proven track record in quality assurance within industrial environments. Demonstrated proficiency in detecting surface and near-surface discontinuities in ferromagnetic materials, thereby ensuring compliance with stringent safety and regulatory standards. Adept at employing advanced magnetic testing equipment and interpreting complex inspection results.

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### WORK EXPERIENCE

#### Senior Magnetic Particle Testing Technician Precision Testing Solutions

Jan 2023 - Present

- Conducted comprehensive magnetic particle inspections on a variety of components to ensure quality assurance.
- Utilized advanced magnetic testing equipment, including yokes and portable testing units, for accurate defect detection.
- Analyzed inspection data and prepared detailed reports for engineering review.
- Trained junior technicians on best practices and safety protocols in non-destructive testing.
- Collaborated with engineering teams to develop testing procedures for new products.
- Implemented quality control measures that reduced inspection errors by 15%.

#### Magnetic Particle Testing Technician Industrial Inspections Inc.

Jan 2020 - Dec 2022

- Performed magnetic particle tests to detect surface flaws in welded and fabricated products.
  - Maintained and calibrated testing equipment to ensure optimal performance and compliance with industry standards.
  - Documented findings and provided recommendations for corrective actions.
  - Assisted in the development of training materials for new hires.
  - Participated in safety audits and contributed to a 30% reduction in workplace incidents.
  - Coordinated with clients to schedule inspections and deliver timely results.
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### EDUCATION

#### Bachelor of Science in Materials Engineering, University of Technology, 2014

Sep 2019 - Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** Magnetic Particle Testing, Quality Assurance, Non-Destructive Testing, Equipment Calibration, Report Writing, Team Collaboration
- **Awards/Activities:** Awarded 'Technician of the Year' for outstanding contributions to safety and efficiency in 2020.
- **Awards/Activities:** Achieved a 95% client satisfaction rating based on inspection accuracy and reliability.
- **Awards/Activities:** Led a project that successfully implemented a new testing protocol, increasing throughput by 20%.
- **Languages:** English, Spanish, French