

Ryan Castillo

NDT Inspector

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SUMMARY

NDT inspector with 5 years of non-destructive testing on jet engine and landing gear parts, certified NAS 410 Level II in penetrant and magnetic particle testing. Inspects to ASTM E1417 and customer specs, keeps quality assurance records audit-ready, and brings attention to detail and clear written and verbal communication skills to every indication.

SKILLS

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|--------------------------------|---------------------|---|
| • Non-Destructive Testing | • NAS 410 | • Attention to Detail |
| • FPI | • ASTM E1417 | • Written and Verbal Communication Skills |
| • Magnetic Particle Inspection | • Quality Assurance | |
| • Eddy Current Testing | • Microsoft Excel | |

EXPERIENCE

NDT Inspector	08/2023 - Present
Prairie Turbine Services	Oklahoma City, OK

Level II inspector at an engine overhaul shop for regional jet and military engines.

- Perform fluorescent penetrant inspection (FPI) on about **150** engine parts a week, including blades, disks and cases.
- Run magnetic particle inspection on landing gear and shafts, flagging 30 rejectable cracks in 2025.
- Verify penetrant concentration, UV light intensity and system performance daily before the first part.
- Document indications and dispositions in the MRO system for quality assurance and FAA repair station audits.

NDT Technician Level I	06/2021 - 07/2023
Red Earth Aviation Services	Tulsa, OK

Level I technician at an aircraft component repair station.

- Processed 80 parts a shift through penetrant lines under Level II supervision.
- Performed eddy current checks on 20 wheel halves a week for bolt hole cracks.
- Logged 1,200 training and experience hours toward NAS 410 Level II certification.
- Maintained penetrant tank records and read and interpreted documents such as repair manuals and work cards.

EDUCATION

Associate in Applied Science
Tulsa Community College
Aviation Maintenance Technology
Tulsa, OK
05/2021

CERTIFICATES

NAS 410 Level II - Penetrant Testing (PT)	09/2023
Prairie Turbine Services	

NAS 410 Level II - Magnetic Particle Testing (MT)	03/2024
Prairie Turbine Services	