

MARK HABEL, CWI

Senior Non-Destructive Testing Inspector

Mr. Habel has built his career on his expertise in several Non-Destructive Testing Disciplines. He has reached the high rank of American Society of Non-Destructive Testing (ASNT) Level 3 Inspector in five separate disciplines. In addition he has achieved certification as an American Welding Society (AWS) Certified Welding Inspector (CWI). This level of training and expertise in field inspection techniques allows him to develop and oversee inspection procedures, as well as perform technically challenging inspections.

His inspections focus on finding material flaws prior to component failure. In this way, repairs, engineering controls, and operational changes can be implemented prior to catastrophic failure or collapse. By determining observable flaw size, and an understanding of fracture mechanics, inspection intervals can be established to prevent fracture.

He has inspected aircraft, bridges, pipelines, vehicles, digesters, and many other structures and components.

In addition to Mr. Habel's skills in inspection techniques, he is proficient at quality control procedures and documentation. He has extensive experience acting as quality control coordinator for projects. He ensures that manufacturing procedures and processes are followed, and that materials and supplies conform to contract specifications. This work often involves involvement in and witnessing of testing to ensure conformance with specification.

PRIMARY SKILL AREAS

- Quality Control
- Documentation
- Non-destructive testing and inspection
- Welding Inspection
- Weatherproofing and Water Infiltration

EDUCATION

Associates of Applied Science Degree, Non-Destructive Testing
Southeast Community College, Milford, Nebraska

CERTIFICATIONS

Licensed American Society of Non-Destructive Testing Level III Inspector

Magnetic Particle Testing (MT)

Penetrant Testing (PT)

Radiographic Testing (RT)

Ultrasonic Testing (UT)

Eddy Current Testing (ET)

Licensed Certified Welding Inspector (CWI)