



# Hutch Inspection Services

## WE ARE AN EXTENSION OF YOUR MANUFACTURING OPERATIONS

Hutch Inspection Services knows what it takes to be an integral part of a successful manufacturing operation because of its roots with Hutchinson Manufacturing Incorporated, LLC.

Hutchinson Inspection Services offers laboratory and on-site NDE and Quality Services.

NDE services are designed to meet API, nuclear NQA-1 compliance, government contracts, military specifications, aerospace standards and your specific requirements.

You can send us your product or our technicians can come to you.

Let us help you find an inspection solution formulated specifically for your manufacturing environment.

## ISO 9001 Certified and 10CFR50 Nuclear Compliant

### Industries Served:

Defense • Aerospace/Aviation • Nuclear

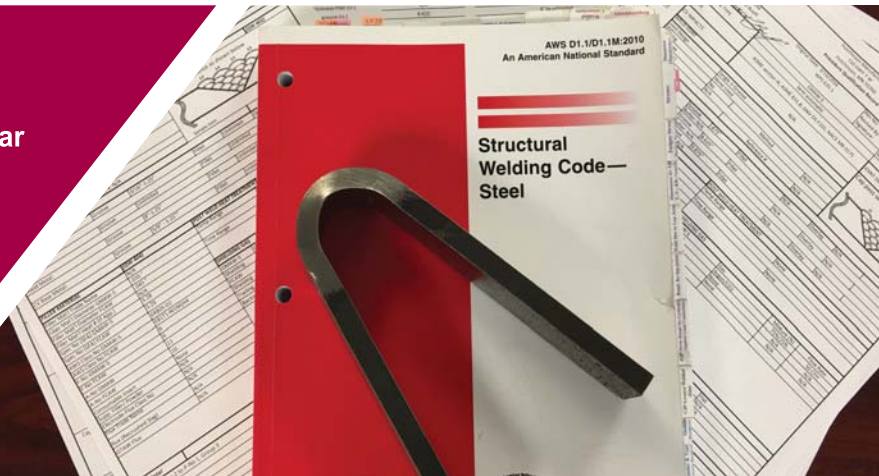
Medical • Oil & Gas • Food Processing

Petro-Chemical • Construction

Power Generation

Agriculture

Industrial



*“HMI was able to perform ACCP Certified PT inspection quickly and efficiently to get our project back on track”-Troy Land, Director of Operations; DSTI*



Symbol	Weight %	Spec. (304)
C	18.01	0.12 [18.00-20.00]
Cu	0.47	0.03 [0.00-0.70]
Fe	71.23	0.16 [65.03-74.00]
Mn	1.83	0.37 [0.00-2.00]
Ni	0.338	0.007 [0.00-0.70]
N	0.017	0.002 Tramp(0.05)
N	7.99	0.11 [8.00-10.50]

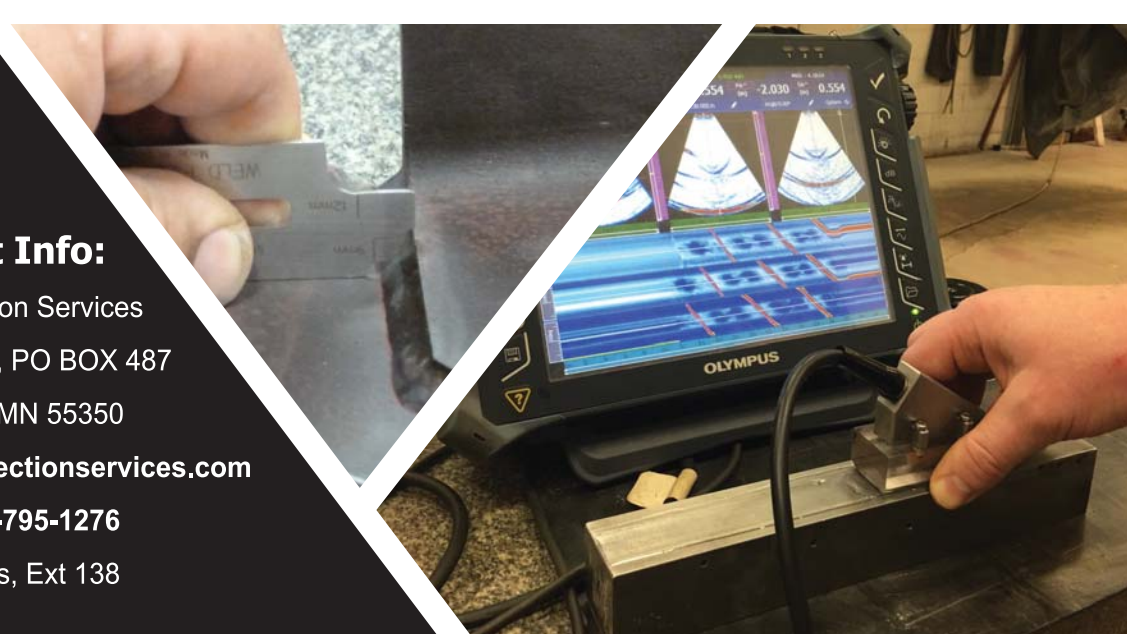
### Contact Info:

Hutch Inspection Services  
720 Hwy 7 West, PO BOX 487  
Hutchinson, MN 55350

[www.hutchinsoninspectionsservices.com](http://www.hutchinsoninspectionsservices.com)

Phone: 800-795-1276

Scott Bandas, Ext 138



# Services Provided



## ▶ **Ultrasonic Inspection (SNT-TC-1A, ACCP)**

- Conventional and Shear Wave
- Thickness Testing / Lamination Scans
- Phased Array
- Immersion

## ▶ **Magnetic Particle Inspection (SNT-TC-1A, ACCP)**

- Yoke-Fluorescent, Dry, Wet Contrast
- Portable Bench-Circular and Longitudinal Magnetization
- De-magnetization

## ▶ **Liquid Penetrant Inspection (SNT-TC-1A, ACCP)**

- Visible or Fluorescent
- Water Washable or Solvent Removable

## ▶ **Visual Inspection Services (SNT-TC-1A/AWS CWI/ACCP)**

- Visual of Surface Conditions - Corrosion, Pitting
- Visual Inspection of Welds, Components, Products and Systems

## ▶ **PMI/XRF Inspection Services**

- Positive Material Identification / X-ray Fluorescence
- Nondestructive Chemical Analysis
- Identify Various Grades of Alloys / Stainless

## ▶ **Portable Brinell Hardness Testing**

- Meets ASTM E110
- Automated (Type A) Brinell Microscope
- Reading conversion to Rockwell or Vickers

## ▶ **Leak Testing**

- Leak Detection Test
- Hydrostatic Testing
- Bubble Test - Liquid application

## ▶ **ASNT ACCP Inspection Services**

- ACCP Level II UT, MT, PT, VT
- Any code or specification that references SNT-TC-1A accepts ACCP certification
- ACCP is administered and maintained by an independent body that provides uniform certification requirements for all certificate holders

## ▶ **Heat Treat Services**

- Post weld heat treat / Stress relief service
- Work zone - 3' wide X 3.5' tall X 6' deep (thermocouple reach)
- Actual inside dimensions - 4.8' wide X 4.6' tall X 8' deep
- 1300 degree f max temperature
- 12 channel recorder
- Programmable temperature controller with output

## ▶ **AWS CWI Inspection Services**

- Certified CWI visual inspections on structures, bridges, tanks, vessels, piping, trusses and machines
- Weld procedure development and qualification
- Weld procedure specifications (prequalified and qualified by testing)
- Welder performance qualifications
- Weld macro-etching
- Bend testing

## ▶ **NACE Coating Inspection (Level II)**

- Inspection of various coating applications
- Coating system oversight
- Coating quality system development

## ▶ **Certified API 570 Piping Inspection**

- 570 Visual Piping inspections to detect in-service / Mechanical damage
- Monitor repair and installation activities for code compliance
- NDE level II UT thickness, PT and MT inspections
- Calculation of corrosion rates and remaining life
- Hydro witnessing

## ▶ **Test Procedure Development (Level III Services)**

- NDE services consultations
- Procedure development specific to your capabilities

## ▶ **Consultation Services (CWI, NACE, Level III NDE)**

- Weld quality program oversight
- NDT program oversight
- NDT program development
- Paint quality system oversight / Development

## ▶ **Dimensional Inspection**

- Stationary Zeiss CMM
- Portable CMM