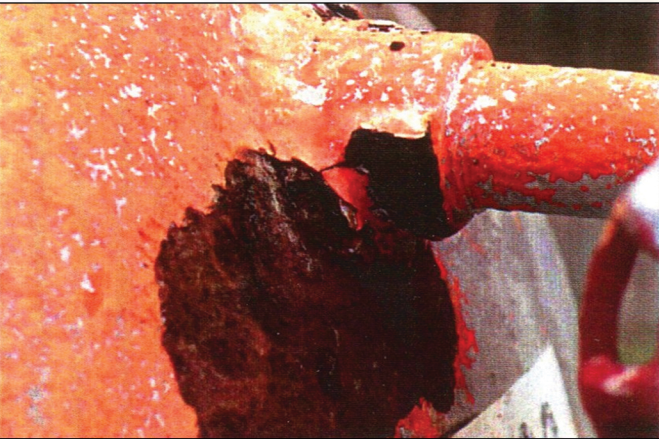
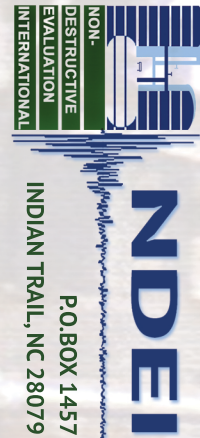


NDEI's Ammonia Refrigeration Division specializes in the inspection and testing of Ammonia Refrigeration Systems; Piping, High Pressure Receivers, Controlled Pressure Receivers, Intercoolers, Sub-Coolers, Recirculators, etc. Our inspection methods include; Acoustic Emission, Ultrasonic, Dye Penetrant, and Magnetic Particle Testing.

Our Clients include: Tyson Foods, Farmland Dairies, Indiana Packers, Sara Lee, Wampler Foods, Friendly Ice Cream, Tropicana, WLR Foods, and Cutrale Citrus Juices, just to name a few.



If you do not currently have a Preventative Maintenance Program in-place for your Ammonia Refrigeration System or would like to receive a quote for inspection of your system, please feel free to call us at **(800)892-4873**



NDEI

Vessel and Piping Inspection
for a cleaner, safer workplace

Ammonia Refrigeration Systems

OFFICE: 800.892.4873

FAX: 855.327.0370

NDEI@WINDSTREAM.NET

WWW.NDEI.NET

If you do not currently have a preventative maintenance program in place for your Ammonia Refrigeration equipment or would like to receive a detailed proposal, please feel free to contact us anytime.



iiar
International Institute of
Ammonia Refrigeration





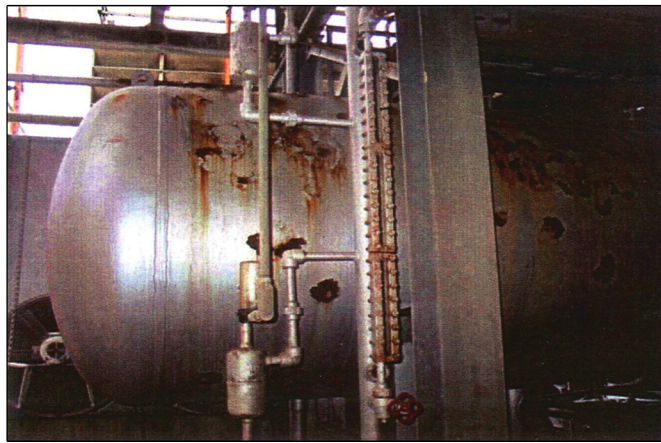
NON DESTRUCTIVE TESTING AND INSPECTION SERVICES

Non Destructive Evaluation International (NDEI) has been providing testing and inspection services to our customers for over 30 years. NDEI works to ensure regulatory compliance and to assist in the development and implementation of our customers' preventative/predictive maintenance programs. Through our services, we help our clients to minimize the risk of catastrophic system failures with the potential of adverse effects to the environment and employee health. Our customers include multiple Fortune 500 companies in the Chemical Process, Pharmaceutical, Petrochemical, Cold Storage & Food Processing Industries.

All NDEI Technicians are SNT TC-1A certified in the appropriate test methods and have several years experience in the application of the methods to arrive at practical solutions. In addition to the above inspection and testing methods, each technician is certified in Confined Space Entry (CSE), First Aid, and CPR.

Safety is our number one concern at NDEI.

All technicians have received initial and continuing safety training both in-house and through outside providers. NDEI utilizes the Association of Reciprocal Safety Councils, Inc. (ARSC). ARSC is made up of twenty-one other nationwide ARSC affiliated safety councils and maintains a reciprocal agreement among its' affiliated safety councils.



The EPA's Risk Management Program (RMP) covers facilities having more than 10,000 pounds of Ammonia.

As of June 20, 1996, The United States Environmental Protection Agency (USEPA), issued final regulations requiring Risk Management Programs (RMP) for facilities using hazardous chemicals under Section 112 [®] of the Clean Air Act Amendments of 1990. Anhydrous Ammonia was included on the list of chemicals covered by the regulation, facilities having more than 10,000 pounds of Ammonia must comply with the RMP requirements. The date by which all facilities will need to be in full compliance with the rule is June 21, 1999. The majority of cold storage warehouses and food processing plants use Ammonia for industrial refrigeration in quantities greater than 10,000 pounds and are therefore covered by this regulation.



NDEI's ammonia refrigeration division specializes in the testing and inspection of equipment utilized in cold storage and food processing facilities. Utilizing a combination of ultrasonic testing, dye penetrate, acoustic emissions and magnetic particle testing. NDEI has reliably aided our customers in achieving compliance with the EPA's risk management program (RMP).

NDEI recommends a procedure for inspection that meets or exceeds the "good engineering practice" criteria as outlined in state or federal regulations. We provide a reliable and quantitative assessment of the tank, vessel or piping system. Furthermore, the recommended testing / inspection procedures enable the customer to implement an effective, predictive maintenance system for production, equipment, repairs and capital budgeting.

Ultrasonic testing (UT) is a family of non-destructive testing techniques based on the propagation of ultrasonic waves in the object or material tested. In most common UT applications, very short ultrasonic pulse-waves with center frequencies ranging from 0.1-15 MHz, and occasionally up to 50 MHz, are transmitted into materials to detect internal flaws or to characterize materials. A common example is ultrasonic thickness measurement, which tests the thickness of the test object, for example, to monitor pipework corrosion. Ultrasonic testing is often performed on steel and other metals & alloys, though it can also be used on concrete, wood and composites, albeit with less resolution. It is used in many industries including steel and aluminium construction, metallurgy, manufacturing, aerospace, automotive and other transportation sectors.

