



NavNDT

Intelligent NDT Procedures



NavNDT is a secure, internet-based application that assists the user in developing Non-Destructive Testing (NDT) procedures that meet the requirements of various U.S. Navy specifications.

NavNDT contains the requirements for NDT methods and specifications listed below.

NDT Methods

- Visual
- Liquid Penetrant
- Magnetic Particle
- Radiographic
- Ultrasonic

Specifications

- NAVSEA S9074-AR-GIB-010/278
- NAVSEA T9074-AD-GIB-010/1688
- PPD 802-7094539 Rev. D
- MIL-STD-1689A
- NAVSEA S9074-AS-GIB-010/271-ACN1
- MIL-STD-2035A

NavNDT automatically completes approximately 95% of a procedure using text, images and tables from the fabrication document(s) and application(s) selected by the user. The user can then change, add or delete items as needed to suit their needs.

BENEFITS

- ✓ Reduced time and cost to develop procedures.
- ✓ Reduction in the number of issues found by shipyard reviewers.
- ✓ The overall time required to develop and review is reduced, thus allowing work to start sooner.

FEATURES

- ✓ Approximately 95% of a procedure is automatically completed.
- ✓ Changes can be made to the pre-populated information.
- ✓ Ability to select multiple Fabrication Document(s) for a single procedure.
- ✓ Ability to select multiple Application(s) (e.g., welds, casting, repair of castings) for a single procedure.

NavNDT COST

There is NO COST to the suppliers of Huntington Ingalls-Newport News Shipbuilding (HII-NNS). This includes both direct suppliers and sub-tier suppliers.

Others should contact WeldQC for a quote.

ACCESS TO NavNDT

To obtain access to NavNDT, contact Troy Paskell at paskell@weldqc.com or 614-487-7207 to obtain an User-Agreement. Once the User-Agreement is returned, a User-Name and Password is provided.

Frequently Asked Questions

1. Do I need to have a current contract with NNS?

NO. As long as you are in the supplier chain for HII-NNS and the company is a "Domestic Concern" which is not subject to foreign ownership, control or influence Foreign Ownership, Control, or Influence (FOCI), as defined in DFARS 225.003.

2. Am I required to use NavNDT?

NO. NNS does not require you to use NavNDT. However, NNS strongly suggests its using to reduce issues and cycle time.

3. Can the shipyards or Navy access my procedures in NavNDT?

NO. The shipyards and Navy do not have access to your information in NavNDT. You create a PDF in NavNDT and then submit it to the shipyard.

4. Can multiple people from my company have access to NavNDT?

YES. Users can be added by you or you can contact WeldQC.

5. Can I use a Level III examiner from outside of my company to assist with my procedures?

YES. The Level III can be given access to NavNDT under your company.

6. Will my procedures be approved, the first time, if I use NavNDT?

MAYBE. NavNDT cannot guarantee that your procedure will be approved, the first time.

7. Do I need to install software on my computer?

NO. NavNDT is entirely a web-based application. You only need Internet Explorer and a PDF Reader.

8. Is training available?

YES. Training is provided via a live web-meeting to a single company at a time.

8. What does training and support cost?

NOTHING. If you are in the supplier chain for HII-NNS, there is no cost to you.

9. Who do I contact if I have a question regarding NavNDT?

WeldQC. WeldQC provides training and support for NavNDT. WeldQC does not provide NDT engineering support or provide clarification or interpretations of the Navy specifications. If you are unsure who to contact, start with WeldQC.