

**From:** [Debra M. Butchart](#)  
**To:** [BR](#)  
**Subject:** Bridge Advertisement (DSI 24-032) Non-Destructive Testing Certification Requirements  
**Date:** Friday, September 6, 2024 12:49:04 PM  
**Attachments:** [image001.png](#)

The [EPG](#) has been updated as described below:

**Implementation Statement:** Effective immediately for all jobs even if submitted to Design or under contract.

*(The Implementation Statement is a recommendation by the Development Section. The SPM is responsible for the level of implementation for any particular job.)*

Revision Date	Items Revised	Description of Change
<a href="#">Sep. 2024</a>	EPG: <a href="#">712.1.7</a>	Updated EPG 712.1.7 to current practice for non-destructive testing (NDT) certifications.
	Bridge Standard Drawings: NA	
	MicroStation Cells: NA	
	Std. Specifications: NA	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

Follow links above for more information, or to view more details about this (or any) revision, use the [Revision Index Database](#), located under Completed Revisions on Development's Sharepoint page.

Instructions:

- Under Tables (left-hand side) double-click on RevisionRecords.
- Click on the link under the Effective Date to access documentation for the completed revision.

### 712.1.7 Non-destructive Testing

In certain instances, non-destructive testing (NDT) may be required to be conducted on steel components of a bridge. The contractor will be responsible for providing and certified NDT technician to conduct the testing. This technician will usually be an employee of a [third party](#) inspection agency. Certification for NDT technicians will be in accordance with the requirements of The American Society for Nondestructive Testing (ASNT) Recommended Practice SNT-TC-1A. MoDOT does not maintain an approved list of NDT technicians. The Bridge Division does review certifications for testing agencies and keep a list of personnel of these agencies with their respective certifications.

For projects that require NDT in the field, the inspector will collect the information from the contractor as to who will be providing the NDT services. ~~The inspector will then contact the Bridge Division Fabrication Section to determine if the NDT technician's certifications have been reviewed. If the certifications have not been reviewed, the~~ The contractor shall submit the certifications to the Resident Engineer to be forwarded to the Bridge Division at [Fabrication@modot.mo.gov](mailto:Fabrication@modot.mo.gov). These certifications shall include ~~the following documentation for each individual performing nondestructive testing (NDT): their certifications, current eye exam, and the NDT company written practice, including the Level III individual certification used for the written practice, as a minimum, the technicians test scores, work experience, and annual eye exam results.~~

At the Resident Engineer's option, they may choose to keep a list of personnel who have performed NDT work for a quick reference for future projects. However, the Resident Engineer and the inspector will always request to see the current eye exam results prior the technician providing the NDT on these future projects.

Debra (Debbie) Butchart  
 (formerly Debra Beckwith)  
 Structural Specialist  
 Development Section  
 Bridge Division  
 MoDOT- 105 West Capitol Ave  
 573-522-8718