




**CHERIE BERRY**  
COMMISSIONER

**THOMAS M. CHAMBERS**  
BUREAU CHIEF  
ELEVATOR AND AMUSEMENT DEVICE BUREAU

DATE: January 19, 2018

MEMORANDUM TO: Amusement Device Owners

FROM:   
Thomas M. Chambers  
Bureau Chief

RE: 2018 NDT and Welding Requirements

Effective Jan. 30<sup>th</sup>, 2018, all amusement device companies that operate devices in the State of North Carolina will be required to comply with the following procedure:

All owners of amusement devices shall provide documentation for all AWS welders employed by their companies.

Any welding or structural modifications performed on devices owned by the company before or while operating in the State of North Carolina are required to provide documentation as follows:

- AWS welder certification (consistent with AWS D.1/D1.1M: 2015 and 13 NCAC 15.0409(c))
- Written procedure for repair from the manufacturer of device (consistent with ASNT SNT-TC-1A, 2016)
- Documentation from NDT company confirming the area repaired was tested before and after the approved repair procedure.

Owners of amusement devices shall be responsible to provide training records for operators (per 13 NCAC 15.0411), maintenance records for all devices (per 13 NCAC 15.0410) and manuals for all devices requested to operate in North Carolina before any device will be certified in North Carolina.

Companies can purchase written procedures from AWS or have procedures written by the ride manufacturer, Level III NDT technician, or professional engineer.

Companies that retain NDT services shall provide a written practice and a written procedure from the NDT company contracted to perform testing. This requirement will

also apply to all required NDT by the manufacturer or other organization that you provide each year before playing the device in the state.

NCDOL shall verify all AWS certifications for welders performing repairs on all equipment with the American Welding Society. Owners should take steps to confirm that all AWS certified employees have current certifications consistent with the type of welding performed.

Thank you for your cooperation.

TC/cb

cc: Amusement Device Manufacturers