




**CHERIE BERRY**  
COMMISSIONER

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

DATE: August 11, 2017

MEMORANDUM TO: Amusement Device Owners

FROM:   
Thomas M. Chambers  
Bureau Chief

RE: Follow up to new NDT requirements

The Commissioner and her staff were very pleased to be given an opportunity to meet with industry professionals in Hickory, N.C on August 10, 2017. The Commissioner appreciated the comments of those who attended regarding their commitment to amusement device safety. The Commissioner was pleased to hear that the industry supported the requirements for nondestructive testing of those sealed tubular components.

Taking into consideration the concerns shared by the industry, the Commissioner directed that we provide further clarification to the August 2 and August 8, 2017, memoranda previously distributed to the ride owners. Based on the representation at the meeting, this clarification is being sent not only to ride owners, but also representatives of NCAOAF, OABA, and ASTM.

Owners of those devices classified as Adult and that are five (5) years or greater from the date of manufacture, shall have all sealed tubular steel components, which are used for main support of the device or are directly connected to passenger carriers, tested for internal corrosion. For clarification purposes, we are requiring ultrasonic testing for thickness as the specific NDT method regarding the sealed tubular steel components.

The Bureau will assist owners of devices falling under the aforementioned criteria with identifying the device in their inventory that require testing. As soon as possible, owners shall provide a list of devices to the Bureau that must include (1) the names of the devices, (2) the date of manufacture, and (3) the date and specifications of any replacement of any sealed tubular structural components used for main support of the device or that are directly connected to passenger carriers, which have been replaced on the device since its purchase. Proof of date of replacement of any component(s) will be required. We are also requesting that owners include a photograph or other

representative illustration of the device to expedite our ability to identify both the device and the structural components in question. If needed, the Bureau can provide a list of NDT companies located in our state who can provide the required testing. All testing results must be sent to our Bureau by amusement device owners or the testing company. If owners choose to have testing completed while setting up in our state, Bureau inspectors will be available to assist NDT technicians with any questions regarding component testing.

Time is critical in providing a list of rides to the Bureau to allow us to review and respond to the amusement industry owners. Thank you for agreeing to work with us on this matter.

TC/cb