National Association of Amusement Ride Safety Officials
690 Atlantis Rd, Suite 4, Melbourne, FL 32904
Phone: (813)661-2779
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40th ANNUAL SAFETY SEMINAR CLASSES

Primary Track

This track of classes is intended for those individuals with five (5) years or less in the Amusement industry. Monday & Tuesday classes are predetermined and offer basic information for multiple disciplines found with most amusement rides & devices. These disciplines include but are not limited to Electric, Hydraulics, introduction of industry standards, basic ride inspection techniques, and several other classes. Individuals using this track will have the opportunity to pick classes that interest them on Thursday. Friday offers a Study Review that goes over information that may be found on a certification exam. There is no advance sign-up for Friday classes.

Inspector Certification Exams will be offered on Friday afternoon, January 29th. If you are taking an exam, please visit our website, www.naarso.com, click on the Certification tab, scroll over to the Exam Checklists to find the application and any required class information along with any additional paperwork requirement. Registration for the seminar DOES NOT complete the paperwork necessary to sit for any exams.

*Class Titles with an * after it are previously approved QSI classes for students.*

Primary Classes for Monday & Tuesday

Class Title	Class Description
Introduction to NAARSO Week of Learning	An introduction to NAARSO's way of "Safety Through Communication" and how that is accomplished. Each class is broken down that they will be attending over the next couple of days with a description of what they will be learning and the importance of each discipline as it relates to amusement rides & devices.
Introduction to the Inspection Process (2 hours) *	This basic course is designed to provide an understanding of the many aspects of the amusement inspection process. Students will be provided with information including but not limited to vocabulary/acronyms, industry standard bodies such as ASTM, ANSI, Life Safety Code and others along with their application within the inspection processes. Finally, they will go over general knowledge items industry personnel may encounter on a daily basis.
How Inspectors Get In to Trouble & What You Should Do About It	Inspectors are accountable to many individuals: your employer, the police, the courts, prosecutors, politicians, the media, the public, state regulators, and your family. Using role-playing and real-world examples, we will discuss perennial problems, such as what is safe, acceptable risk, the scope or purpose of an inspection, reasonable care, personal judgment, competence, and conflicts of interest. We will add to your repertoire for staying out of trouble, including engagement letters and checklists

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OSHA Overview *	This class will introduce the OSHA standard, explain its purpose, and try to establish the importance of compliance. Part of the instruction will include the most common compliance issues and how to avoid them. The class will also educate people on how to contact the OSHA office along with the most common subsections applicable to the amusement industry.
Basic Fasteners *	Fasteners hold these devices together, it is important to understand the differences between size, grade, and strength. Instructor will review how to identify the markings of a fastener and its use. This course will look at the different types used within the amusement industry as well as discuss the different manufacturing processes.
Wire Rope Basics *	This class will introduce students to the different types and purposes of wire ropes along with their various inspection techniques. Techniques include but are not limited to visual inspections and other NDT methods. Instructor will also look at the different causes of rope damage and any corrective action available.
Basic Hydraulics/Pneumatics *	Instructor will provide a basic overview of hydraulic & pneumatic systems and their components. Instruction will include how to read and understand equipment schematic diagrams. Students will learn how the components interact within the device to produce fluid power. Emphasis will be place on how to safely conduct inspections on this aspect of the equipment.
Basic Electric *	This class will introduce students new to the industry to the sections of the nationally recognized governing standards they need to become familiar with during their daily job performance of electrical components. They will learn the proper procedures necessary to perform inspections on the electrical systems of rides safely. Including but not limited to Lock Out/Tag Out, personal protection and other procedures to ensure the safety of themselves as well as others
Basic Generators *	This basic class will introduce students to portable generators used to power amusement rides & devices on a midway. They will discuss the applicable industry recognized standards used to govern this equipment. Emphasis will include but not be limited to proper grounding and bonding techniques. They will explore the proper inspection process for generators or electrical distribution systems found on a fairground and/or midway.
ASTM International Overview *	Students will be given an understanding of this internationally accepted standard from its origins to the standards as they stand today. They will learn about the different subsections and how they were developed and apply them to the amusement industry. Part of the discussion will include the way a standard is amended to make it current and the pathway it must take from recommendations to research, to subcommittee, to voting, and either acceptance or being voted down. Finally, they will learn what it takes to become a member of ASTM.

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Math for Inspectors *	This class is a review of the foundational math processes students should have learned earlier in life but may have forgotten. These processes would be part of their job responsibilities on a daily basis and include but are not limited to multiplication, measurement conversations, fraction conversions to decimals, decimal conversions to fractions, etc.
Welding/NDT *	This course offers an introduction to preventative maintenance for amusement rides and devices, covering key maintenance principles and relevant standards. It also emphasizes the importance of fostering a strong relationship between maintenance and operations teams.
Corrosion & Rides *	Course will look at the growing corrosion issue with amusement rides. Students will learn areas of concern on rides and where to look.
Inspection Tools *	Being properly prepared to perform amusement ride Inspections and/or investigations includes have the tools available to complete the process. This class will review typical tools helpful during these procedures. Discussion will include how to properly use, maintain, and calibrate them.
Required Signage *	This course will explore the basics needs for signs at your attractions and/or facility. It will review the requirements as designated by recognized industry codes & standards. In addition, he will discuss which standards address signage requirements and where to find them.