

**Course Name: Basic Maintenance Fasteners and Wire Rope**

**Hours to complete:** 0.75

**CEUs:** 0.10

**Description:**

In this entry level program, participants who are new to the industry will learn basic knowledge about fasteners and wire ropes and their applications in the amusement industry. Participants will compare different types of fasteners and wire ropes identifying their purpose. Recall the steps to properly install a fastener and review clamping and torquing techniques. Learn how to select and install the correct hardware for a specific job properly. Discover ways to troubleshoot common issues that may occur with fasteners and wire ropes. While going through the course, you will evaluate the condition of cables, slings and other rigging examples as the instructor reviews various images

**Audience:**

This program is designed for ride owners/operators, maintenance, inspectors and other amusement personnel who require continuing education and training for maintaining their certification to work in their respective positions per AHJ regulations and/ or company policies. This program is also ideal for individuals wishing to remain current on latest industry trends, standards and best practices applicable to their day-to-day job duties as it relates to their role.

**Specific target audience includes:**

Ride device, water slide, water attraction, trampoline and adventure course maintenance personnel, owner/ operators, management and manufacturers looking to improve efficiencies in their performance.

**Prerequisites:**

Participants enrolling in this course:

- Must have access to a mobile device or computer with connectivity to the internet for viewing the content within the learning management system.
- Must log in with their unique email and password credentials to access their course materials.
- Must have access to a stable high speed internet connection for optimal viewing of the content to minimize potential for buffering of multimedia in learning programs.

**Evaluation:**

Successful course completion includes:

- Review of the module content in its entirety
- Successful completion of the module quiz
- Completion of the module course evaluation survey.

Upon successful completion of all modules, participants must complete the course survey and then will have access to download their credentials and any associated CEUs.

**Outcomes:**

1. Compare different types of fasteners and wire ropes for their purposes
2. Explain how to properly install a fastener.
3. Review clamping and torquing techniques

4. List common issues for fasteners and wire ropes and discuss how to troubleshoot ways to troubleshoot fasteners and wire rope issues.
5. Evaluate the condition of cables, slings and other rigging equipment viewing sample images

**Expectations:**

Students will watch a learning module of content from the AIMS 2020 Safety Seminar video series and complete the assessment quiz at the end of the module.