

## Standards for a Dynamic Industry

Formed in 1978, ASTM Committee F24 is made up of a wide range of amusement industry stakeholders — more than 1,000 participants from 26 countries. These technical experts include ride engineers and manufacturers, regulators, park owners, government officials and consumer advocates. The committee develops standards that cover the design, manufacturing, maintenance, inspection and operations of amusement rides, water-related rides and devices, adventure and other special rides and attractions.

### Membership

All stakeholders with an interest in the standardization of all facets of the amusement rides and devices industry are welcome. Membership and participation in committee activities provide the opportunity to:

- Network with amusement ride professionals worldwide;
- Have direct input into the development of new and revised international standards;
- Participate in informational webinars;
- Receive a free volume of the *Annual Book of ASTM Standards*;
- Enjoy discounts on all ASTM publications;
- Receive free subscriptions to *ASTM Standardization News* and *ASTM eNews*; and
- Benefit from reduced attendance fees at ASTM symposia and technical workshops.

The annual fee to be an informational or participating member of ASTM International is \$75 USD. Annual membership provides access to multiple technical committees at no additional cost.

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## Committee F24 Amusement Rides and Devices

### Helping our world work better

Committed to serving global societal needs, ASTM International positively impacts public health and safety, consumer confidence, and overall quality of life. We integrate consensus standards — developed with our international membership of volunteer technical experts — and innovative services to improve lives...Helping our world work better.

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## Meetings

F24 meets multiple times — in February and October — both in the U.S. and with various industry events at global locations. In addition to face-to-face meetings, stakeholders use ASTM's modern standards development infrastructure, including advanced electronic tools such as virtual meetings, a work item registration system and electronic balloting. These tools and technologies enable standards development work to take place throughout the year.

## Partnering for International Application

F24 works closely with IAAPA, the global association for the attractions industry; OABA, Outdoor Business Association; AIMS, Amusement Industry Manufacturers and Suppliers International; and other industry groups to promote the use of safety standards worldwide.

Specifically, the subcommittee on Harmonization (F24.80) works closely with IAAPA's International Standards Harmonization Group to establish worldwide consistency in major areas of ride safety standards. Committee F24 and IAAPA bring together industry stakeholders and standards bodies from around the world for working discussions and seminars on amusement industry standardization at IAAPA-sponsored venues throughout the year.

Committee F24 and its members seek to have consistency in the use of global standards. ASTM International standards are the most robust set of standards for the amusement industry and the ASTM International process is nimble enough to keep pace with the innovation that is one of the hallmarks of this industry. It supports the development of quality facilities around the world, facilitates world trade, and delivers on the mission of keeping the industry safe.

## Key Standards and Publications

### **F2291** — Practice for Design of Amusement Rides and Devices

The committee's flagship standard is the most comprehensive standard for the industry today, and was developed through the collaborative efforts of ride experts and interested parties from around the globe. Often referred to as the "world standard" for amusement ride design, F2291 establishes criteria for the design of amusement rides and devices as well as major modifications to amusement rides and devices.

### **F770** — Standard Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices

### **F1193** — Practice for Quality, Manufacture and Construction of Amusement Rides and Devices

### **F2007** — Standard Practice for Design, Manufacture, and Operation of Concession Go-Karts and Facilities

### **F2137** — Standard Practice for Measuring the Dynamic Characteristics of Amusement Rides and Devices

### **F2374** — Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices

### **F2376** — Standard Practice for Classification, Design, Manufacture, Construction, and Operation of Water Slide Systems

### **F2959** — Practice for Aerial Adventure Courses

### **F2970** — Standard Practice for Design, Manufacture, Installation, Operation, Maintenance, Inspection and Major Modification of Trampoline Courts

### **F2974** — Standard Practice for Auditing Amusement Rides and Devices

## Amusement Rides and Devices

Millions of people visit amusement parks each year, enjoying billions of rides. F24 works to make a safe industry even safer with consensus standards.

"For more than 35 years, ASTM Committee F24 on Amusement Rides and Devices has brought together experts from around the world in an open forum to share best practices and develop safety standards for our industry. Out of this process has come a set of truly international standards that support the global amusement industry and promote amusement ride safety for people everywhere."

### **Greg B. Hale**

Vice President, Chief Safety Officer,  
Worldwide Standards and Auditing, Walt Disney  
Parks and Resorts, and a member of ASTM  
Committee F24



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