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F1159-16e1 Standard Practice for Design of Amusement Rides and Devices that are Outside the Purview of Other F24 Design Standards

F3313-20 Standard Test Method for Determining Impact Attenuation of Playground Surfaces Within the Use Zone of Playground Equipment as Tested in the Field

F2075-20 Standard Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment

F1446-20 Standard Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear

F3496-20 Standard Specification for Polyaromatic Hydrocarbon (PAH) Content in Synthetic Turf Infill

F3189-20 Standard Test Method for Measuring Force Reduction, Vertical Deformation, and Energy Restitution of Synthetic Turf Systems Using the Advanced Artificial Athlete

F2748-19 Standard Specification for Airsoft Guns

F1936-19 Standard Specification for Impact Attenuation of Turf Playing Systems as Measured in the Field

F3164-19 Standard Specification for Eye Protectors for Racket Sports (Racquetball, Squash, Tennis)

F1447-18 Standard Specification for Helmets Used in Recreational Bicycling or Roller Skating

F3401-19 Standard Test Method for Wax Binder Removal from Equestrian Synthetic Track Surfaces

F2460-19 Standard Practice for Special Requirements for Bumper Boats

F2747-19 Standard Guide for Construction of Sand-based Rootzones for Golf Putting Greens

and Tees

F2711-19 Standard Test Methods for Bicycle Frames

F803-19 Standard Specification for Eye Protectors for Selected Sports

F2375-09(2017) Standard Practice for Design, Manufacture, Installation and Testing of Climbing Nets and Netting/Mesh used in Amusement Rides, Devices, Play Areas and Attractions

F1250-20 Standard Specification for Stationary Upright and Recumbent Exercise Bicycles and Upper and Total Body Ergometers

F3431-21 Standard Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazards

F3105-20 Standard Specification for Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment

F3503-21 Standard Test Method for Breaking Strength of Slalom Water Skis

F3104-21 Standard Test Methods for Evaluating Design and Performance Characteristics of Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment

F3398-21 Standard Specification for Face and Ear Protective Devices for Air Soft Sports

F1694-21 Standard Guide for Composing Walkway Surface Investigation, Evaluation and Incident Report Forms for Slips, Stumbles, Trips, and Falls

F2275-21 Standard Practice for Treestand Manufacturer Quality Assurance Program

F2948-21 Standard Guide to Walkway Auditor Qualifications

F3416-21 Standard Guide for Using Fourier Transform Infrared Spectrometry to Evaluate Synthetic Equine Surface Components

F3133-21 Standard Practice for Classification, Design, Manufacture, Construction, Maintenance, and Operation of Stationary Wave Systems

F3102-15 Standard Guide for Specifying, Measuring, and Managing Impact Attenuation of Synthetic Turf Playing Systems

F1979-17(2021) Standard Specification for Projectiles Used in the Sport of Paintball

F2773-13(2021) Standard Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders

F2765-14(2021) Standard Specification for Total Lead Content in Synthetic Turf Fibers

F3445-21 Standard Specification for Performance Requirements when Evaluating Slip Resistance of Protective (Safety) Footwear using ASTM F2913 Whole Shoe Test Method

F3460-21 Standard Test Method for Seam Measurement Procedure for Baseballs and Softballs

F2030-21 Standard Specification for Paintball Cylinder Burst Disk Assemblies

F1882-15 Standard Specification for Residential Basketball Systems

F1637-21 Standard Practice for Safe Walking Surfaces

F2441-20 Standard Practice for Labeling of Recreational Camping Tents and Bivouac Sacks

F1646-16 Standard Terminology Relating to Walkway Safety and Footwear

F381-16 Standard Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines

F2274-11(2016) Standard Specification for Condition 3 Bicycle Forks

F2273-11(2016) Standard Test Methods for Bicycle Forks

F2899-11(2016) Standard Specification for Condition 1 Bicycle Forks

F3101-21a Standard Specification for Unsupervised Public Use Outdoor Fitness Equipment

F355-16e1 Standard Test Method for Impact Attenuation of Playing Surface Systems, Other Protective Sport Systems, and Materials Used for Athletics, Recreation and Play

F2117-10(2017) Standard Test Method for Vertical Rebound Characteristics of Sports Surface/Ball Systems; Acoustical Measurement

F3021-17 Standard Specification for Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments

F3022-16e1 Standard Test Method for Evaluating the Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments

F2508-16e1 Standard Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces

F2479-17 Standard Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing

F2048-00(2017) Standard Practice for Reporting Slip Resistance Test Results

F2680-17 Standard Test Methods and Specifications for Bicycle Manually Operated Front Wheel Retention Systems

F2333-04(2017) Standard Test Method for Traction Characteristics of the Athletic Shoe-Sports Surface Interface

F473-09(2017) Standard Specification for Binding Mounting Area Dimensions on Alpine Skis and Bindings

F1832-07(2017) Standard Test Method for Determining the Force-Draw and Let-Down Curves for Archery Bows

F2216-17a Standard Specification for Selectorized Strength Equipment

F2650-17e1 Standard Terminology Relating to Impact Testing of Sports Surfaces and Equipment

F2277-17a Standard Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment

F2137-19 Standard Practice for Measuring the Dynamic Characteristics of Amusement Rides and Devices

F1957-99(2017) Standard Test Method for Composite Foam Hardness-Durometer Hardness

F539-01(2017) Standard Practice for Fitting Athletic Footwear

F1900-98(2017) Standard Test Method for Water Resistance of Footwear Using a Walking Step Simulator

F1833-97(2017) Standard Test Method for Comparison of Rearfoot Motion Control Properties of Running Shoes

F1436-11(2017) Standard Guide for Center Serving Diameter Dimensions for Archery Bow Strings

F1363-07(2017) Standard Guide for Reduction of Risk of Injury for Archery Overdraws

F1551-09(2017) Standard Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials

F1544-11(2017) Standard Specification for Determining the Rating Velocities of a Compound Archery Bow

F3248-17 Standard Test Method for Determining Vertical Deformation and Area Deflection of Area Elastic, Point Elastic, Combined Elastic and Mixed Elastic Sport and Dance Surfaces

F2040-18 Standard Specification for Helmets Used for Recreational Snow Sports

F2949-18 Standard Specification for Pole Vault Box Collars

F1625-00(2018) Standard Specification and Test Method for Rear-Mounted Bicycle Child Carriers

F2153-07(2018) Standard Test Method for Measurement of Backpack Capacity

F1953-10(2018) Standard Guide for Construction and Maintenance of Grass Tennis Courts

F2270-12(2018) Standard Guide for Construction and Maintenance of Warning Track Areas on Athletic Fields

F2568-06(2018) Standard Test Method for Measurement of Sleeping Bags

F2917-12(2018) Standard Specification for Bicycle Trailer Cycles Designed for Human Passengers

F2812-12(2018) Standard Specification for Goggle- and Spectacle-Type Eye Protectors for Selected Motor Sports

F2334-18 Standard Guide for Above Ground Public Use Skatepark Facilities

F1162/F1162M-18 Standard Specification for Pole Vault Landing Systems

F2480-18 Standard Guide for In-ground Concrete Skatepark

F2412-18a Standard Test Methods for Foot Protection

F2106-18 Standard Test Methods for Evaluating Design and Performance Characteristics of Motorized Treadmills

F2157-09(2018) Standard Specification for Synthetic Surfaced Running Tracks

F779-12(2018) Standard Test Method for Torsion Characteristic of Alpine Skis

F780-93a(2018) Standard Test Method for Linear Deformation and Breaking Strength of Alpine Skis

F1062-97(2018) Standard Test Method for Verification of Ski Binding Test Devices

F2546-07(2018) Standard Test Method for Snowboard Step-in Bindings

F3023-18 Standard Test Methods for Evaluating Design and Performance Characteristics of Stationary Upright and Recumbent Exercise Bicycles and Upper and Total Body Ergometers

F2892-18 Standard Specification for Performance Requirements for Soft Toe Protective Footwear (Non-Safety / Non-Protective Toe)

F2413-18 Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear

F2397-18 Standard Specification for Protective Headgear Used in Combative Sports

F1647-11(2018) Standard Test Methods for Organic Matter Content of Athletic Field Rootzone Mixes

F1632-03(2018) Standard Test Method for Particle Size Analysis and Sand Shape Grading of Golf Course Putting Green and Sports Field Rootzone Mixes

F1853-11(2018) Standard Test Method for Measuring Sleeping Bag Packing Volume

F1815-11(2018) Standard Test Methods for Saturated Hydraulic Conductivity, Water Retention, Porosity, and Bulk Density of Athletic Field Rootzones

F1932/F1932M-98(2018) Standard Test Method for Measuring Sleeping Bag Loft

F1935-01(2018) Standard Test Method for Measuring the Headroom of a Backpacking or Mountaineering Tent

F1934-98(2018) Standard Test Method for Weighing a Backpacking or Mountaineering Tent

F1933-98(2018) Standard Specification for Illustrating the Footprint of a Backpacking or Mountaineering Tent

F2269-11(2018) Standard Guide for Maintaining Warm Season Turfgrasses on Athletic Fields

F2060-00(2018) Standard Guide for Maintaining Cool Season Turfgrasses on Athletic Fields

F3146-18 Standard Test Method for Impact Attenuation of Turf Playing Systems Designated for Rugby

F2043-13(2018) Standard Classification for Bicycle Usage

F659-10(2018) Standard Specification for Ski and Snowboard Goggles

F2983-13(2018) Standard Guide for Manufacturers for Labeling and Care Instructions for Wrestling Mats

F1702-10(2018) Standard Test Method for Measuring Impact-Attenuation Characteristics of Natural Playing Surface Systems Using a Lightweight Portable Apparatus

F3013-13(2018) Standard Test Method for Density of Topsoil and Blended Soils In-place by the Core Displacement Method

F2007-18 Standard Practice for Design, Manufacture, and Operation of Concession Go-Karts and Facilities

F2913-19 Standard Test Method for Measuring the Coefficient of Friction for Evaluation of Slip Performance of Footwear and Test Surfaces/Flooring Using a Whole Shoe Tester

F939-19 Standard Practice for Selection of Release Torque Values for Alpine Ski Bindings

F2614-19 Standard Specification for Condition 3 Bicycle Frames

F2843-19 Standard Specification for Condition 0 Bicycle Frames



F2802-19 Standard Specification for Condition 1 Bicycle Frames

F2868-19 Standard Specification for Condition 2 Bicycle Frames

F2898-11(2019) Standard Test Method for Permeability of Synthetic Turf Sports Field Base Stone and Surface System by Non-confined Area Flood Test Method

F3103-14(2019) Standard Specification for Testing Off-Road Motorcycle and ATV Helmets

F3030-13(2019) Standard Test Method for Snowboards with a Channel-Mounting System and Removable Inserts

F2223-19a Standard Guide for ASTM Standards on Playground Surfacing

F3410-19 Standard Test Method for Testing Fiber Rope Used in Water Sports

F3400-19 Standard Test Method for In-situ Testing of Functional Properties of Equine Surfaces: Artificial Surfaces

F2396-11(2019) Standard Guide for Construction of High Performance Sand-Based Rootzones for Athletic Fields

F2772-11(2019) Standard Specification for Athletic Performance Properties of Indoor Sports Floor Systems

F2569-11(2019) Standard Test Method for Evaluating the Force Reduction Properties of Surfaces for Athletic Use

F498-19 Standard Test Method for Center Spring Constant and Spring Constant Balance of Alpine Skis

F3383-19a Standard Test Method for Filament Bind of Single Fibers in Synthetic Turf

F2966-19 Standard Guide for Snow and Ice Control for Walkway Surfaces

F1887-14(2019)e1 Standard Test Method for Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs

F2783-20 Standard Practice for Design, Manufacture, Operation, Maintenance, and Inspection of Amusement Rides and Devices, in Canada

F3415-20 Standard Test Method for Triaxial Shear Strength and Cohesion of Equine Sports Surfaces

F3418-20 Standard Test Method for Measurement of Transition Temperatures of Slack Waxes used in Equine Sports Surfaces by Differential Scanning Calorimetry (DSC)

F3417-20 Standard Test Method for Gas Chromatography Analysis of Petroleum Waxes Used in Equestrian Synthetic Surfaces

F2115-19 Standard Specification for Motorized Treadmills

F3412-20 Standard Terminology Relating to Treestands

F1061-08(2020) Standard Specification for Ski Binding Test Devices

F2232-14(2020) Standard Test Method for Determining the Longitudinal Load Required to Detach High Heels from Footwear

F1951-21 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

F2107-08(2020) Standard Guide for Construction and Maintenance of Skinned Areas on Baseball and Softball Fields

F2225-15(2020) Standard Safety Specification for Consumer Trampoline Enclosures

F2530-13(2020) Standard Specification for Protective Headgear with Faceguard Used in Bull Riding

F2553-16(2020) Standard Specification for Warnings on Refillable CO<sub>2</sub> Cylinders Used In

the Sport of Paintball

F2653-16(2020) Standard Specification for Paintball Valve Male Threaded Connection for Use with Approved Cylinders

F1750-16(2020) Standard Specification for Paintball Marker Threaded-Propellant Source Interface

F2727-09(2020) Standard Guide for Manufacturers for Labeling Headgear Products

F3249-20 Standard Specification for Treestands, Climbing Sticks, and Tripod or Tower Stands

F2774-09(2020) Standard Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material

F1749-15(2020) Standard Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels

F2856-12(2020) Standard Practice for Transfilling and Safe Handling of Small CO<sub>2</sub> Cylinders for Use in Paintball

F2842-20 Standard Specification for Reins Used in Thoroughbred and Quarter Horse Racing

F3351-19e1 Standard Test Method for Playground Surface Impact Testing in Laboratory at Specified Test Height

F2398-11(2020) Standard Test Method for Measuring Moment of Inertia and Center of Percussion of a Baseball or Softball Bat

F472-11(2021) Standard Terminology for Geometry of Alpine Skis

F697-16 Standard Practice for Care and Use of Athletic Mouth Protectors

F2336-17 Standard Guide for Roller Hockey Playing Facilities

F2440-18 Standard Specification for Indoor Wall/Feature Padding

F3339-20 Standard Guide for Construction or Renovation of Native-soil Athletic Fields

F3132-20 Standard Practice for Selection of Walkway Surfaces When Considering Pedestrian Safety

F2810-15(2020) Standard Specification for Elliptical Trainers

F2811-15(2020) Standard Test Methods for Evaluating Design and Performance Characteristics of Elliptical Trainers

F2844-20 Standard Test Method for Displacement Compression of Softball and Baseball Bat Barrels

F2571-15(2020) Standard Test Methods for Evaluating Design and Performance Characteristics of Fitness Equipment

F1722-15(2021) Standard Test Method for Determining Mass and Moment of Inertia of Alpine Skis

F1107-04(2021) Standard Terminology Relating to Snowboarding

F3077-21 Standard Specification for Eye Protectors for Women's Lacrosse

F2713-21 Standard Specification for Eye Protectors for Field Hockey

F2941-21 Standard Practice for Air Soft Player Safety Briefing

F3188-16(2021) Standard Specification for Extractable Hazardous Metals in Synthetic Turf Infill Materials

F1015-21 Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces

F2940-21 Standard Practice for Air Soft Field Operation

F3544-21 Standard Test Method for Hunting Saddle Static Load Capacity

F3012-22 Standard Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment

F3543-22 Standard Terminology Relating to Hunting Saddles

F3539-22 Standard Practice for Creation of Walkway Tribometer Interlaboratory Study Reports and Test Procedures

F1776-22 Standard Specification for Eye Protective Devices for Paintball Sports

F1064-21 Standard Practice for Sampling and Inspection of Complete and Incomplete Alpine Ski/Binding/Boot Systems in Rental Applications

F1955-22 Standard Test Method for Flammability of Sleeping Bags

F2879-22 Standard Specification for Eye Protective Devices for Airsoft Sports

F2845-22 Standard Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs

F2970-22 Standard Practice for Design, Manufacture, Installation, Operation, Maintenance, Inspection and Major Modification of Trampoline Courts

F2974-22 Standard Practice for Auditing Amusement Rides and Devices

F3165-16(2022) Standard Specification for Throat Protective Equipment for Hockey Goaltenders

F513-22 Standard Specification for Eye and Face Protective Equipment for Hockey Players

F1492-22 Standard Specification for Helmets Used in Skateboarding and Trick Roller Skating

F1587-22 Standard Specification for Head and Face Protective Equipment for Ice Hockey Goaltenders

F1898-22 Standard Specification for Helmets for Non-Motorized Wheeled Vehicles Used by Infants and Toddlers

F2032-22 Standard Specification for Helmets Used for BMX Cycling

F1952-22 Standard Specification for Helmets Used for Downhill Mountain Bicycle Racing

F3340-22 Standard Test Method for Thermal Resistance of Camping Mattresses Using a Guarded Hot Plate Apparatus

F3555-22 Standard Test Method for Measuring Impact Attenuation Characteristics of Helmets Under Induced Rotational Loading Using an Inclined Anvil

F504-05(2022) Standard Test Method for Measuring the Quasi-Static Release Moments of Alpine Ski Bindings

F1045-22 Standard Performance Specification for Ice Hockey Helmets

F3419-22 Standard Test Method for Mineral Characterization of Equine Surface Materials by X-Ray Diffraction (XRD) Techniques

F1888-09(2022) Standard Test Method for Compression-Displacement of Baseballs and Softballs

F2184-10(2022) Standard Guide for Installation of Paintball Barrier Netting

F2573-06(2022) Standard Specification for Low Velocity Resilient Material Projectile

F2574-06(2022) Standard Specification for Low Velocity Projectile Marker

F3085-14(2022) Standard Specification for Air Soft Gun Barrel Blocking Devices

F2374-22 Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices

F3158-22 Standard Practice for Patron Transportation Conveyors Used with a Water Related Amusement Ride or Device

F1063-22 Standard Practice for Functional Inspections and Adjustments of Alpine Ski/Binding/Boot Systems

F2337-22 Standard Test Method for Treestand Fall Arrest System

F3557-22 Standard Practice for Field Measurements of Snow Sport Freestyle Terrain Jumps

F3137-15(2022) Standard Specification for Headgear Used in Women's Lacrosse (excluding Goalkeepers)

F1292-22 Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment

F2128-22 Standard Test Method for Treestand Repetitive Loading Capability

F1163-23 Standard Specification for Protective Headgear Used in Horse Sports and Horseback Riding

F2793-14(2023) Standard Specification for Bicycle Grips

F3493-23 Standard Practice for Measuring Dynamic Characteristics of Water Slide Systems Using Instrumented Humans

F3168-23 Standard Practice for Hayride Attractions

F3214-23 Standard Practice for Characterization of Fire Properties of Seating, Upholstery, and Padding Materials for Vehicles Associated with Amusement Rides and Devices

F1890-23 Standard Test Method for Measuring Softball and Baseball Bat Performance Factor

F2219-23 Standard Test Methods for Measuring High-Speed Bat Performance

F1777-19(2023) Standard Practice for Paintball Game Site Operation

F1937-04(2023) Standard Specification for Body Protectors Used in Horse Sports and Horseback Riding

F2271-11(2023) Standard Specification for Paintball Marker Barrel Blocking Devices

F2278-19(2023) Standard Test Method for Evaluating Paintball Barrier Netting

F2679-15(2023) Standard Specification for 6 mm Projectiles Used with Airsoft Guns

F2801-19(2023) Standard Practice for Paintball Player Safety Briefing

F2904-11(2023) Standard Specification for Warnings on Paintball Marker Accessories Used In the Sport of Paintball

F3100-15(2023) Standard Practice for Low Impact Paintball Field Operation

F2272-23 Standard Specification for Paintball Markers

F770-23 Standard Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices

F747-23 Standard Terminology Relating to Amusement Rides and Devices

F1193-23 Standard Practice for Quality, Manufacture, and Construction of Amusement Rides and Devices

F2960-23 Standard Practice for Permanent Amusement Railway Ride Tracks and Related Devices

F3654-23 Standard Test Method for Non-Subjective Optical Requirement Testing of Plano Protective Eyewear

F3054-23 Standard Practice for Operations of Amusement Railway Rides, Devices, and Facilities



F2959-23a Standard Practice for Aerial Adventure Courses

F2461-23 Standard Practice for Manufacture, Construction, Operation, and Maintenance of Aquatic Play Equipment

F2654-23 Standard Specification for Airsoft Gun Warnings

F2376-23 Standard Practice for Classification, Design, Manufacture, Construction, and Operation of Water Slide Systems

F3099-23 Standard Practices for Parasailing

F3237-23 Standard Terminology Relating to Snow Sport Freestyle Terrain Park Jumps

F910-04(2023) Standard Specification for Face Guards for Youth Baseball

F1975-15(2023) Standard Specification for Nonpowered Bicycle Trailers Designed for Human Passengers

F2220-15(2023) Standard Specification for Headforms

F2681-18(2023) Standard Specification for Body Protectors Used in Equine Racing

F2918-11(2023) Standard Test Method for Weighing a Bicycle

F2276-23 Standard Specification for Fitness Equipment

F3603-23 Standard Specification for Eye Protectors for Handball

F2291-23b Standard Practice for Design of Amusement Rides and Devices

F3559-23 Standard Guide for ASTM F24 Standards Governing Lifecycle Management of Amusement Rides and Devices

F1081-23 Standard Specification for Competition Wrestling Mats

F3545-23 Standard Test Method for Static Loading of Treestands, Climbing Sticks, and Tripod or Tower Stands

F3627-23 Standard Guide for Premises Design Considering Snow and Ice Management for the Reduction of Pedestrian Slips

F2123-23 Standard Practice for Treestand Instructions

F1849-23 Standard Specification for Helmets Used in Ice Speed Skating (Long Track) and Short Track Speed Ice Skating (Not to Include Hockey)

F1720-17(2023) Standard Test Method for Measuring Thermal Insulation of Sleeping Bags Using a Heated Manikin

F2268-03(2023) Standard Specification for Bicycle Serial Numbers

F2439-17(2023) Standard Specification for Headgear Used in Soccer

F3640-23 Standard Test Method for Full Depth Field Sampling of In-situ Synthetic Turf Infill Materials

F3641-23 Standard Specification for Front-Mounted Bicycle Child Carriers (12 kg – 27 kg)