



## EXPERT PROFILE & QUALIFICATIONS

2004 — 2016 **Amusement Ride Inspector/Expert Witness**

USA

### Service Provider

- Case review/ evaluation.
- Amusement ride failure analysis and accident investigations.
- Private amusement ride inspections & safety evaluations.
- Risk assessment of amusement rides, parks, traveling shows, family entertainment centers, etc.
- Review compliance with ASTM F-24, local regulations and industry standards.
- Provide expert reports/ expert opinions.
- Sworn testimony in court and under deposition.
- Amusement ride expert correspondent for various national television networks, radio and newspapers for breaking news and special reports regarding amusement ride safety or amusement ride accidents.
- Expert witness cases involve every type of amusement ride, even unique rides and attractions such as: simulated roller coasters, go karts, zip lines, inflatable attractions, kiddie rides, trackless trains, water slides, hayrides and anything else defined as an amusement ride or device.
- Expert witness cases include rides and attractions located at large and small amusement parks, carnivals and traveling shows, family entertainment centers (FEC's), outdoor recreation facilities, malls and shopping centers, and even sole proprietor single-ride operations.
- Expert witness cases have served both the Plaintiff and Defense.

2004 — 2016 **Walt Reiss Coaster Company, Inc.**

Bethlehem, PA

### Owner/Contractor

- General Contractor to disassemble a steel roller coaster at Knoebel's Amusement Resort in Elysburg, PA. [12/04]

- Load the roller coaster into 38 sea containers/flats and ship to Parque De Diversiones in San Jose, Costa Rica. [1/05]
- Visit the buyer's park in Costa Rica to inspect the new coaster and ensure proper installation.
- General Contractor to load two large amusement rides onto 7 trucks at Kennywood Park in West Mifflin, PA to send to Parque de Diversiones in Costa Rica [3/07]
- General Contractor to disassemble and load one Top Spin amusement ride within Kennywood Amusement Park to send to Parque de Diversiones in Costa Rica [2/10]
- General Contractor to load a Pirate and Break Dance amusement ride at an Astroland storage facility on Long Island, NY to send to Parque de Diversiones in Costa Rica [7/10]

2005 — 2016 **Parque de Diversiones/ Children's Hospital**  
San Jose, Costa Rica **Costa Rica Foundation**



### Contract Amusement Ride Inspector

- Provide independent annual inspections on all amusement rides and devices and subsequently:
  - Provide a full written report of all safety issues, deficiencies and recommendations.
  - Inspections include roller coasters, water slides, raft ride, trackless trains, kiddie rides, thrill rides, go karts, carousel, large gauge train, kiddie trains, haunted house, antique rides, new rides, pedal boats, simulator, etc.
  - Assist with manufacturer relationships regarding technical or design issues, troubleshooting and procurement of parts.
  - Provide feasibility inspections on amusement rides that are being evaluated for purchase or to be received as donations.
  - Provide safety seminar for all ride maintenance staff and management about:
    1. Performing comprehensive amusement ride inspections
    2. The importance of proper daily inspections
    3. The importance of following proper procedures and industry standards
    4. Communicating with ride manufacturers for official repair procedures
    5. The importance of testing following a repair or maintenance work
    6. Preventing amusement ride accidents
    7. The consequences of failure



2013 — 2015 **Fantasilandia**  
Santiago, Chile



### Contract Amusement Ride Inspector

- Provide annual inspection on all amusement rides and devices and subsequently:
- Provide a full written report of all safety issues, deficiencies and recommendations.
- Evaluate compliance with the ASTM F24 as required by facility management.
- Inspections include SLC, boomerang and spinning roller coasters, water slides, raft ride, kiddie rides, thrill rides, go karts, carousel, train, haunted houses, antique rides, new rides, bumper boats, etc.
- Assist with manufacturer relationships regarding technical or design issues, troubleshooting and procurement of parts.
- Provide safety seminar for all ride maintenance staff and management about:
  1. The Amusement Industry
  2. Preventing amusement ride accidents
  3. The consequences of failure
  4. Performing comprehensive amusement ride inspections
  5. The importance of daily inspections
  6. The importance of following proper procedures and industry standards
  7. Communicating with ride manufacturers for official repair procedures
  8. The importance of testing following a repair or part replacement

2012 **Startup Amusement Company**

Accra, Ghana

### Contract Amusement Ride Inspector

- Provide initial feasibility inspection of Chance *Sky Diver* amusement ride at seller location in Pennsylvania.
- Feasibility inspection of other potential amusement ride purchases on Long Island, NY

### Contract Installation Manager

- Personally manage the proper installation of Chance Sky Diver in downtown Accra using local resources and labor.
- Procure and deliver parts from the manufacturer to the jobsite in Accra.
- Provide a final acceptance inspection upon completion.
- Identify to client all maintenance and repairs required for safe operation.
- Provide training to staff and owners on proper maintenance and inspection habits and procedures.

2006 — 2007 **Historic Bushkill Park, Inc.**

Easton, PA

### Owner/ Manager

- General operation of small historic amusement park.
- Perform PA state inspections to amusement rides.
- Restoration, repairs, oversight and general maintenance to amusement rides and facilities.
- Advertising, Marketing, Public Relations/Media Relations
- Employee relations
- Budget, procurement, filing, ordering, planning, etc.
- Relocation of a series of small amusement rides from another park in New York City.
- Relocation and operation of roller coaster simulators both onsite and as a marketing tool within a local mall.

2005 **Bushkill Amusement Park**

Easton, PA

### Volunteer

- Rehabilitation to neglected and flood-damaged amusement rides. [April - August 2005]
- Find the most productive use for the efforts of well over 100 volunteers throughout that time period.
- Procurement of all necessary parts and supplies.

2003-2004 **CITY of NEW YORK (Department of Buildings)**  
New York, NY



### Inspection Supervisor

- Perform amusement ride inspections as per RS-18 city code and the ASTM F-24. These inspections evaluated all aspects of amusement ride safety including their fundamental design, any modifications that may have been made, repairs, maintenance, testing, operation, compliance with the manufacturer's requirements, recommendations and safety bulletins.
- The broad responsibility of an amusement ride inspector is to be able to approach any amusement ride or device — whether for the first time or the hundredth time — and perform a complete and comprehensive inspection without overlooking any potential safety hazards.

- Provide training and materials for city inspectors on proper amusement ride inspection requirements and the methodology needed to be able to inspect any ride properly without prior training for each separate type of machine.
- Oversee all amusement ride inspections in all five boroughs: Manhattan, Queens, Brooklyn, the Bronx and Staten Island.
- Organize joint NAARSO training sessions between New Jersey and NYC ride inspectors.
- Create and assemble manuals and reference materials for NYC ride inspectors.
- Elevator/escalator inspections as per RS-18 city code/ ASME A17.1.
- Amusement ride & elevator accident investigations.
- Create new forms, certificates and methodology of record keeping.
- NYC code review consultant.

1997-2000     **STATE of MARYLAND** (Division of Labor & Industry)  
Baltimore, MD



### Elevator & Amusement Ride Inspector

- Inspect amusement rides statewide as per COMAR (Maryland law) and the ASTM F-24.
- Inspect elevators and escalators in Baltimore City and the counties of Baltimore, Prince George's, Anne Arundel, Montgomery, Frederick and Howard as per COMAR and the ASME A17.1.

1995-1996     **Six Flags America/Adventure World**  
Largo, MD



### Ride Mechanic/Safety Inspector

- Amusement ride daily inspections during operating season.
- Amusement ride preventative maintenance and lubrication.
- Annual winter rehabilitation to amusement rides:
  - Complete disassembly and inspection
  - Complete rehabilitation back to like-new condition
  - Comply with manufacturer guidelines and specifications
  - NDT (Non-destructive testing) on required parts and components
  - Reassembly, lubrication and testing as per manufacturer specifications

- Emergency repairs to amusement rides during the operating season.
- Types of rides maintained and inspected:
  - Wooden and steel coasters
  - Water rides and slides
  - Numerous other large and small midway rides.

1988-1993 **Dorney Park & Wildwater Kingdom**  
Allentown, PA



### Amusement Ride Mechanic, Ride Inspector, Pennsylvania State Inspector

- Amusement ride daily inspections.
- Pennsylvania state amusement ride inspections.
- Preventative maintenance and lubrication.
- Winter rehabilitation to amusement rides:
  - Complete disassembly and inspection:
    - Wood & steel coaster trains, brakes, lift, drive systems
    - Log flume boats — extensive fiberglass repairs
    - All kiddie rides
    - Various other midway rides
  - Complete rehabilitation back to like-new condition
  - Comply with manufacturer guidelines and specifications
  - NDT (Non-destructive testing) on required parts and components
  - Reassembly, lubrication and testing as per manufacturer specifications
- Emergency repairs to amusement rides during the operating season.
- Perpetual safety seminars focusing on everything imaginable, with examples being:
  - Lubricants, adhesives and sealants
  - Personal safety equipment, fall protection, lock-out/tag-out
  - Fasteners, thread-locking agents
  - Gears, sheaves, bearings
  - Working with cranes
  - Confined spaces
  - Hazardous materials
- Types of rides maintained and inspected:
  - World-class roller coasters including a 1924 PTC wooden coaster, 1989 Dinn Corporation wooden mega coaster and an Intamin/Schwartzkopf double loop coaster;
  - Water rides such as a traditional log flume, an antique PTC Mill Chute dark ride/flume ride, and motor boats;

- A series of both Pentes and SoftPlay playgrounds;
- Hampton, Mangels, Herschell and other kiddie rides;
- Numerous Zamperla rides including a number of prototypes;
- A wide variety of both common and spectacular midway rides such as the Giant Gondola Ferris Wheel by Chance Mfg., the Zierer Wave Swinger, Mack Musik Express, Sellner Tilt a Whirl, Eli Bridge Scrambler, an antique train, Mangles Whip, Dentzel carousel, Lusse bumper cars, an aerial ski lift ride and many others.
- (Amusement ride operator from 1986-1988)

## EDUCATION & TRAINING

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|------|--|----------------|
| 1988 | Bethlehem Area Vocational Technical School   | Bethlehem, PA  |
|      | ▪ Mechanical Engineering   |                |
|      | ▪ Architectural Drafting   |                |
| 1991 | Amusement and Recreational Equipment Association   | Hershey, PA    |
|      | ▪ Amusement ride safety and inspection courses and seminars.   |                |
|      | ▪ Tested and certified as a Pennsylvania State Amusement Ride Inspector.   |                |
| 1997 | Maryland State Showmen's Association   | Hagerstown, MD |
|      | ▪ Amusement ride safety and inspection trainings and seminars.   |                |
|      | ▪ This event included all Maryland State Inspectors, along with others in the industry involved with manufacturing, inspection, maintenance and operation of amusement rides.  |                |
| 2004 | National Association of Amusement Ride Safety Officials  | Trenton, NJ    |
|      | ▪ Amusement ride safety and inspection training and seminars.  |                |
|      | ▪ Joint training session among both New York City and New Jersey State amusement ride inspectors.  |                |
|      | ▪ NAARSO testing & certification obtained. (Retained for two years)  |                |
| 2000 | International Association of Amusement Parks & Attractions   | Atlanta, GA    |
|      | ▪ Amusement ride safety, training and management seminars.   |                |
|      | ▪ Trade show including a majority of the amusement ride manufacturers from around the world, which allows abundant networking opportunity with the engineers and technicians who designed the rides and handle technical support issues. |                |
| 2005 | International Association of Amusement Parks & Attractions   | Orlando, FL    |
|      | ▪ Amusement ride safety, training and management seminars.   |                |

- Trade show including a majority of the amusement ride manufacturers from around the world, which allows abundant networking opportunities with the company owners, engineers and technicians who designed the rides and handle technical support issues.

## **MEMBERSHIPS**

American Society of Testing & Materials (ASTM)

Conshohocken, PA

- Voting member of the ASTM F-24 (Amusement Rides) code review committee.
- The ASTM creates and manages standards for, among many other things, amusement ride manufacturing, design, inspection, maintenance, inspection and operation. Additional sections of the F-24 are devoted to unique amusement devices such as go karts, water rides and soft-play playgrounds.