

# Amusement ride Inspection

Theme parks, amusement parks, fairgrounds... whatever we call them, many millions of people worldwide love and enjoy such attractions – and not just children. Amusement and theme parks offer one of the safest forms of recreation for the millions of people who use their rides and devices every year. The likelihood of being seriously injured in a permanently located amusement park in the United States, which has the highest rate of attendance in the world with 375 million guests annually, is 1 in 16 million (IAPPA , 2016). That said, in the period 1988 to 2003, 55 fatalities occurred on amusement-park rides in the US alone and over two-thirds of these occurred in 'fixed-site' theme parks. Sadly there have been injuries and fatalities in other parts of the world too, including the Middle East. Despite this, the fairground, leisure and entertainment industry in the Middle Eastern region (in particular in the United Arab Emirates) is going through a period of strong growth, with approximately 90% of new developments in Dubai. Billions of US dollars are being invested in attracting people to the Middle East, with Dubai leading the way. There is strong growth in this sector in Qatar too, and opportunities and new investments are also being witnessed in Oman, Egypt, Saudi Arabia and Iraq. The fast growth in this sector and the introduction of bigger and more complex rides and devices requires more thorough and detailed safety measures. Applus+ is well placed to provide its diverse range of services to this fast-growing industry.



## THE Applus+ SOLUTION

In developing its new 'amusement- and theme-park ride inspection' service line, Applus+ is combining its extensive expertise in the core areas of inspection, non-destructive testing and health and safety with the skills and knowledge of other strategic players in the industry.

Applus+ services in this field include but are not limited to:

- General inspections of amusement and theme parks

- Ride and device inspections (basic/thorough)
- Design reviews
- Assessments of conformity to Design
- Initial testing
- Non-destructive testing
- Functional testing of devices
- Training for ride operators and maintenance staff
- Verification of device repairs
- Technical support for clients
- Ride procurement
- Assessment of documentation and procedures
- Assistance in the preparation of NDT and maintenance schedules
- Fire, health, safety and security audits
- Production of safe-operating manuals
- Certification

Applus+ has implemented an integrated approach to amusement and theme-park ride and device inspections by incorporating health and safety services in the inspection of rides and devices. In the Middle East region, we work closely with the Qatar Tourism Authority (QTA), conducting inspections of water parks, amusement and theme parks and mobile fairgrounds, as well as developing inspection procedures and local standards.

## Target customers

These services are aimed at any and all companies working in the fairground, leisure and entertainment industry around the world with a view to ensuring the health and safety of both their customers and their workers.

## Key customer benefits

Our inspection services for amusement-park rides and devices support our clients in:

- Evaluating technical and regulatory issues to ensure that the attraction meets all mandatory requirements
- Reducing the potential implications of HSE involvement as enforcement action may lead to prosecution and, even in the best-case scenario, substantial costs
- Gaining peace of mind through the knowledge that their attraction is not a danger to their workforce or to the public
- Identifying potential areas of concern and dealing with them in an organised and effective manner



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- Safeguarding the health and safety of their clients and workers
- Reducing the risk of accidents