

Safety and Quality of Amusement Rides



Carrying the valuable freight of human beings and meanwhile providing them with joy and excitement means great responsibility. Manufacturers and operators need to make sure that amusement rides are safe and run smoothly.

With TÜV India Private Limited (TÜV NORD GROUP) as a competent partner and independent third party involved in the process, compliance with the standards and requirements is ensured and safety is maximized.

Operators, manufacturers and investors of amusement parks or fairgrounds can rely on TÜV India in all stages of the value chain, from concept and design to construction, operation and maintenance.

We offer services for certification, periodic inspection, design review, manufacturing supervision, site assessment and acceptance tests for all types of amusement rides. Inspections and certifications is performed according to all major guidelines such as ISO 17842-1, ISO 17842-2 & ISO 17842-3, local legislation and relevant national and international applicable standards, e.g. ISO, EN, DIN or ASTM.



Design Review:

Our team of experts conducts a thorough review of the design calculation and drawings, ride control system as well as risk assessment.

Manufacturing & Shop Inspections:

During the manufacturing and assembly process, quality inspections will be conducted to improve the safety, quality and reliability of safety critical parts. Where needed materials are tested for safe operation. The inspection consists of a structural and electrical/ride control inspection.

Acceptance Tests:

Acceptance tests generally start during the installation of the ride enabling to trace deviations in an early stage and to correct them during installation. Once the installation is completed the safe-operation of the ride is tested by multiple measurements like speed, acceleration and G-Forces. In addition, the ride environment (queue lines, operator area, decoration) is also assessed.

Periodic Inspection:

Our international team of experts conducts a thorough examinations of amusement rides in order to have an independent view on safer operation and to issue operating licenses.



Consulting & Training:

TUV India Private Limited (TÜV NORD GROUP) is at your side providing consultancy services in all phases of the value chain. Furthermore we provide instructions and trainings for maintenance as well as operating staff.

Your Benefit:

- Compliance with applicable local and international standards, regulations and procedures
- Minimizing risks during development, construction and operation of your rides
- Identification of wear and faults at an early stage minimizing risks and downtimes for rides, therefore improving efficiency and profitability



About Us:

With over 14,000 employees, TÜV NORD GROUP is one of the largest technical service providers, offering its advisory, service and inspection expertise in over 100 countries throughout the world.

Areas of activity include Industrial Services, Certification, Testing, Product Certification, Mobility, Training, and IT. TÜV NORD GROUP occupies a unique position in the sector based on its work in the fields of natural resources and aerospace and is firmly committed to its guiding principle and watchword: "Expertise for your Success".

TUV India Pvt. Ltd. was established in 1989 as part of the German RWTÜV group's Indian operations, now the TÜV NORD GROUP, as one of the first Certification Bodies to start operations in India; since then, it has been closely associated with the quality revolution in India. With over 1100 employees in more than 25 locations across India, TUV India is never far from its customers.

TUV India provides diverse services in Management Systems Certification, Industrial Service, Inspection Services, Infrastructure & Buildings, Roads & Highways, Renewable Energy, Railways, Petroleum, Chemicals & Gas Services, Food Testing and Certification, Training, Automotive Services, Product Testing (Electronics & Electricals) and Certification, Project Management, Social Accountability and Sustainability Services.

TUV India Private Limited (TÜV NORD GROUP) is one of the leading global inspection and certification bodies and partner for the amusement & leisure industry.



Registered & Head Office Contact :

TUV India Private Limited

Address: 801, Raheja Plaza-I, LBS Marg, Ghatkopar (W), Mumbai - 400086

Phone: +9122-66477000 **Email:** infoindia@tuv-nord.com

Toll Free Number: 1800-209-90902 **Website:** www.tuv-nord.com/in

TÜV®

