Amusement Park Ride Safety Audit Checklist

Safety & Compliance

DATE	RIDE NAME	RIDE ID / ASSET NO.	AUDITOR / ENGINEER	AUDIT TYPE
____ / ____ / _____				

STRUCTURAL INTEGRITY

	PASS	FAIL	N/A
Foundation bolts and anchors	○	○	○
Support structure — no cracks, corrosion	○	○	○
Track / guide rails alignment	○	○	○
Welds inspected (NDT if due)	○	○	○
Platforms, walkways, stairs secure	○	○	○
Fencing and queue barriers intact	○	○	○

MECHANICAL SYSTEMS

Drive motor and gearbox ☐ Pass ☐ Fail ☐ N/A

	PASS	FAIL
Braking system (primary)	○	○
Braking system (emergency / backup)	○	○

	PASS	FAIL	N/A
Chains, cables, belts condition	○	○	○
Bearings and bushings	○	○	○
Hydraulic / pneumatic lines and seals	○	○	○

	PASS	FAIL
Lubrication schedule current	○	○
Vehicle / carriage condition	○	○

RESTRAINT SYSTEMS

	PASS	FAIL	N/A
Lap bars lock and release correctly	○	○	○
Shoulder harnesses function	○	○	○
Seat belts / secondary restraints	○	○	○
Restraint locking indicators work	○	○	○

	PASS	FAIL
Cannot be opened by rider	○	○
Padding and comfort intact	○	○

ELECTRICAL & CONTROL SYSTEMS

	PASS	FAIL
PLC / control system functioning	○	○
Proximity sensors and interlocks	○	○
E-stop buttons tested (all positions)	○	○
Wiring and conduit condition	○	○
Ride cannot start with open restraints	○	○
Backup power / safe shutdown tested	○	○

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OPERATOR & GUEST SAFETY

	PASS	FAIL		PASS	FAIL
Operator training records current	○	○	Safety announcements / recorded spiel	○	○
Operator knows emergency procedures	○	○	Evacuation plan and equipment ready	○	○
Height / restriction signage posted	○	○	First aid kit / AED accessible	○	○

AUDIT OUTCOME

Overall result ☐ Pass — operate ☐ Conditional — restrictions ☐ Fail — do not operate

Findings / defects

Required corrective actions

Re-inspection date _____

Auditor signature _____

Park operations manager sign-off _____

Notes

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