

**Iowa Division of Labor  
Amusement Ride Safety**

150 Des Moines Street  
Des Moines, IA 50309-1836  
Phone: 515-281-5415/515-725-5607  
Fax: 515-242-5076  
[amusement@iwd.iowa.gov](mailto:amusement@iwd.iowa.gov)

# SAFETY ORDER

Inspection date: 7/6/2021

Permit #: 101 Page 1 of 3

Re-inspection date: Unknown

Name of show owner/operator Adventure Lands of America, Inc		Office memo
Permanent address of owner 3200 Adventureland Drive, Altoona, IA 50009		
Name of show Adventureland Park	Location of inspection 3200 Adventureland Drive, Altoona, IA 50009	
Name of ride Raging River Ride	Inspection # 1	

**Notes to office:**

Commissioner issued a Cessation Order

#	SAFETY ORDER	CODE RULE
1.	Weirs were replaced with incorrect replacements not manufacturer approved.	875.62.4/F2291 5.1, 5.3
2.	No engineering on weir replacements.	875.62.4/F2291 5.1, 5.3, 5.6
3.	Weir detached from trough.	875.62.5(15)/F770 6.3.7
4.	Bladder repairs did not have manufacturer approved patches. The product	
	Flex Seal was used to repair leaks.	875.62.4/F770 6.6.1
5.	Operated ride with inadequate air pressures in raft bladders.	875.62.5(1)/F770 6.3.1
6.	Did not test ride without passengers after repairs.	F770 6.4
7.	Inadequate response to back-to-back raft releases.	875.62.6(1)d/F770 6.4.1
8.	Rope was tied incorrectly from tube to raft. Connection broke free.	875.62.5(14)/F770 6.3.1
9.	Deficient evacuation plan not updated with park changes.	875.62.7(5)/F770 4.4.3
10.	Evacuation access blocked by fireworks setup.	875.62.7(5)/F770 4.4.1.8
11.	No continuous direct supervision of ride patrons during ride cycle.	875.62.6(1)
12.	Deficient repair documentation.	875.62.5/F770 6.1

This device does not comply with the established standards and may not operate until the provisions of this safety order have been met.



## Items That Must Be Completed Prior to Operation

1. Adventureland shall undergo appropriate design and testing of weirs that have been added without approval from the manufacturer. Adventureland has changed the operation of the Raging River Ride by adding weirs that were not approved by the manufacturer and also installed unapproved steel plates to the bottom of the rafts. These are considered major modifications and require multiple design and testing procedures per State, ANSI and ASTM Standards on Amusement Rides and Devices.
2. Adventureland shall change the evacuation plan to adjust to the changes of the park and the needs required for a safe and timely evacuation. Adventureland shall have new written plans in accordance with State and ASTM Standards on Amusement Rides and Devices.
3. Due to the concrete and weir deterioration in the trough, Adventureland shall have an engineer sign off on the safety of the ride per the ASTM Standards on Amusement Rides and Devices.
4. Adventureland shall have the ride manufacturer or engineer sign off that the rafts are safe to operate per ASTM Standards on Amusement Rides and Devices.
5. Adventureland shall obtain an engineer's approval of the ride as a whole per ASTM Standards on Amusement Rides and Devices.
6. Adventureland shall have means to view patrons during the complete duration of the ride cycle per State and ASTM requirements.
7. Adventureland shall have written documentation of all repairs made daily to each ride and it shall be readily available per State and ASTM requirements.
8. Adventureland shall replace all bladders that were repaired incorrectly with new or manufacturer-approved bladders per State and ASTM requirements.
9. Adventureland shall use written, ride-specific daily inspection forms for all rides at the park per State and ASTM requirements. Completed forms shall be readily available to the Commissioner.
10. Adventureland shall use a written, ride-specific training check list for all employees operating amusement rides per State and ASTM requirements. Completed forms shall be readily available to the Commissioner.
11. Adventureland shall provide ride-specific training for all employees performing maintenance on rides per State and ASTM requirements. Training records shall be readily available to the Commissioner.