



ADA Compliant Pool Lift Analysis
For
AMERIGLIDE MODEL AMGP-AGPL-12
Sarasota, Fla.

Prepared by

Dunlap and Partners Engineers
2112 West Laburnum Avenue, Suite 205
Richmond, Virginia 23227
(804) 358-9200

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SCOPE OF ANALYSIS

Dunlap & Partners has been tasked with verifying the dimensional ADA requirements for Pool Lifts and observing tests for ADA required load support for the Ameriglide Model AMGP-AGPL-12 Pool Lift. John Dunlap, P.E. visited the Harmar facility in Sarasota, Florida to observe the pool lift and tests. Results and observations are attached.

Pool Lift Data Sheet

Model: Ameriglide Model AMGP-AGPL-12		Project #: 13007	
Specification: ADA 1990 (2008) Guidelines		Date: 2/6/2013	
ADA Section	Requirement	Observed	Compliance
1009.2.2	In the raised position, the centerline of the seat shall be located over the deck and 16 inches minimum from the edge of the pool. The deck surface between the centerline of the seat and the pool edge shall have a slope not steeper than 1:48.	Test assembly in accordance with ADA requirement of 16 inches from edge with no slope to edge.	Yes
1009.2.3	On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches wide minimum and shall extend forward 48 inches minimum from a line located 12 inches behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48.	Test assembly in accordance with ADA requirement for 36 inch by 48 inch clearance opposite pool. Slope was level.	Yes
1009.2.4	The height of the lift seat shall be designed to allow a stop at 16 inches minimum to 19 inches maximum measured from the deck to the top of the seat surface when in the raised position.	Seat height measured as described is 16 inches.	Yes
1009.2.5	The seat shall be 16 inches wide minimum	Seat measured 19 inches wide.	Yes
1009.2.6	Footrests shall be provided and shall move with the seat. If provided, the armrest positioned opposite the water shall be removeable or shall fold clear of the seat when the seat is in the raised position.	Footrests and armrests provided. Footrest moves with seat. Armrests are foldable.	Yes
1009.2.7	The lift shall be capable of unassisted operation from both the deck and the water levels. Controls and operating mechanisms shall be unobstructed when the lift is in use and shall comply 309.4.	Lift is operable from fixed push button and remote handheld controller. Force needed to operate either device is less than 5 pounds. Devices are operable with one hand.	Yes
1009.2.8	The lift shall be designed so that the seat will submerge to a water depth of 18 inches minimum below the stationary water level.	Seat depth for test was 20 inches below water level.	Yes
1009.2.9	Single person pool lifts shall have a weight capacity of 300 pounds minimum and be capable of sustaining a static load of at least one and a half times the rated load.	Pool lift was tested lifting and lowering 300 pounds. Lift was then tested at 150% static load of 450 pounds.	Yes

Test witnessed by: John F. Dunlap, P.E.
 North Carolina License No. 17112
 6-Feb-13

