



# Certified Pool & Spa Operator Certification

for

## Angel R. Cortes Jurado

as an Operator of Aquatic Facilities  
issued by the

**Pool & Hot Tub Alliance**

on

Certification Date: October 24, 2025

Expiration Date: October 31, 2030

Certification Number: C-159133

**Instructor Name(s)**

Humberto José Álvarez Ledesma

A handwritten signature in black ink, appearing to read "Sabeena Hickman".

Sabeena Hickman, CAE  
President & CEO  
Pool & Hot Tub Alliance





Angel R. Cortes Jurado

Certified: October 24, 2025

Certification Number: C-159133

Instructor Name: Humberto José Álvarez Ledesma

Expires: October 31, 2030

Signature



The **Certified Pool & Spa Operator (CPO)** Certification Program is the most recognized operator training program and includes 14-16 hours of instruction in pool and spa chemistry, testing, treatment, filtration, maintenance, automatic feeding equipment, and government requirements. CPO Certification is valid for 5 years.

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[phta.org](http://phta.org)