

THIS CERTIFICATE IS PRESENTED TO

BARRETT WISE

Who has been formally evaluated for demonstrating the highest levels of knowledge and skills and, as such, is bestowed the following NC3 Global Credential.

Fundamentals of Fluid Power - Pneumatics

COLLABORATE IN THE CLASSROOM. COMPETE IN THE MARKETPLACE.



Carlos Miranda, CEO of Festo North America



Roger Tadajewski, NC3 Executive Director



THIS CERTIFICATE IS RECOGNIZED BY:

FESTO



05/03/2023

Date Completed

Virginia Peninsula Community College

NC3 Certification Center

Certification Competencies

BARRETT WISE

has displayed competency of the content listed below through both cognitive and skill based assessments.

- Familiarization of basic pneumatic equipment
 - Understand fundamental pneumatics concepts
 - Able to build a simple pneumatic circuit
 - Understand concepts related to air conditioning and distribution
 - Able to measure the force delivered by an actuator using a pressure gauge
 - Able to state the laws governing pneumatics
 - Able to perform simple calculations involving force, pressure, and area
 - Familiarization of the concept of vacuum
 - Able to operate and test simple pneumatic circuits using directional control valves, pilot-operated directional control valves, and cylinders
 - Able to describe the operation of directional control valves and cylinders
 - Able to operate and test simple pneumatic circuits using a pneumatic motor
- Familiarization of the common types and operation of pneumatic motors



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