

THE FLUID POWER JOB PERFORMANCE TEST

**Required for:
All Mechanic and Technician Certifications
in addition to the written test.**

This Job Performance test the **"HANDS-ON"**, is composed of **six (6) separate stations**. Each is allotted ½ hour each maximum time limit. Only an IFPS Accredited JPP Instructor can proctor this test.

STATION # 1

Identify 20 components by the symbol in a schematic drawing. This station consists of a Hydraulic or Pneumatic schematic with various components for symbol identification. This requires a written component explanation and is not multiple choice.

STATION # 2

This station has **8 fasteners and 8 fittings that require identification** as to type, size, length, thread and grade. Each item has five (5) multiple choice answers from which to choose. This station includes a bolt sizing template, thread pitch gauge, 6" rule and International thread identification kit.

STATION # 3

This station is for testing the candidate in the use of a Multimeter, there are 24 questions for readings taken on a test circuit board it is not multiple choice. The readings are for voltage, amperage, and resistance.

STATION # 4

Testing the ability to **take measurements** ranging from 1/16 to .0001". Requires using scales, dial calipers and micrometers. A pump piston and a hydraulic valve spool are used for the measurements. This is not a multiple choice station.

STATION # 5

Requires **identifying size, type and pressure ratings** of two (2) steel tubes, two (2) rubber hoses, one (1) copper and one (1) nylon tube. Dial calipers and data sheets are provided to aid in this task. This station is not multiple choice.

STATION # 6

Bend and flare a tube (steel for hydraulics, copper for pneumatics) to fit a fixture. This tests skill in compound bending to fit a fixture. All tubing, tools and data sheets are provided.