

# Calibrate valves for operation

## APPLICATION C173

Type of Company: **Manufacturer**

Location: **New Hampshire**

A cooking system is lightweight, reliable and includes all the elements required for outdoor cooking in a single unit. Also called camp stoves, cooking systems can be used in diverse situations, such as for outdoor food service, catering and in field hospitals. In many backcountry areas, open fires are prohibited due to forest-fire danger or the scarcity of available firewood, so an easily transportable cooking system is the only option.

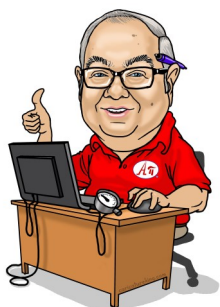
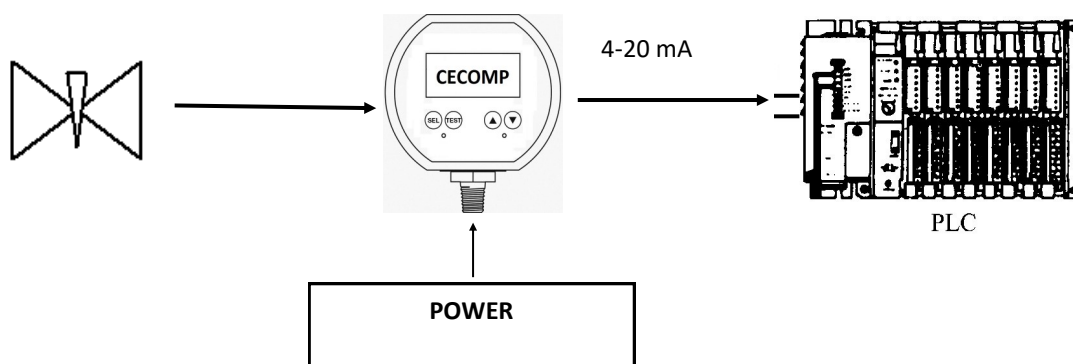


Photo by Tom Check

## The Engineering Issue

The engineer has a requirement to:

1. Calibrate the valves and record the results for each cooking system.
2. Perform and record the results for a pressure test on the completed cooking system.



The engineer used a Cecomp DPG1000DR gauge with the panel mount option for installation in a test fixture. This gives the operator an accurate visual readout of the pressure and a 4-20 mA output signal to their PLC.

**Problem. Solved.**