



Quality Assurance Statement

This certifies that the enclosed weather station was manufactured and individually tested by:

Davis Instruments, 3465 Diablo Ave., Hayward, California USA

All Davis weather stations are assembled in our California factory using rigorous production controls and a quality management system certified by Det Norske Veritas to be compliant to **ISO 9001:2000** standards. Each unit is individually tested for accuracy, consistency and overall product quality. Our goal is to have all units perform to the specifications printed on the reverse side.

To ensure superior product performance, Davis stations undergo numerous tests during the development and manufacturing process:

Some of our tests are ongoing and are part of a continuous product improvement process:

Corrosion testing: Testing in an accelerated corrosion chamber to verify the durability of mechanical and electronic components.

Reliability testing: Testing of stations at remote, harsh weather sites throughout the world.

Wind tunnel testing: Extensive wind tunnel testing to verify starting threshold, accuracy over range, and survivability over range.

UV testing: Testing in an accelerated UV chamber to verify that components will have a long outdoor life. Verifying that solar panels still function after prolonged UV exposure.

Mechanical testing: Testing to ensure the station functions after vigorous vibration.

Moisture testing: Verifying that the unit will continue to function well in wet and damp environments. Verifying that the system does not break in freezing wet or dry conditions.

Life tests: Verifying that system still functions after thousands of button pushes and millions of bearing revolutions.

Quality Assurance Program: Inspection of incoming parts and components to verify they meet Davis' quality specifications.

Sensor testing: Long-term evaluation of sensors to determine environmental effects on accuracy.

In addition to our ongoing testing, each Davis station undergoes these tests:

Electronics testing: Verifying that the station manages power efficiently and conserves battery life.

Radio testing: Testing of wireless components before assembly to verify proper function and FCC and EMC conformance and range verification.

Burn in: Testing of consoles to check for any defects or malfunctions.

Final test: Thorough check of all system functions and sensors performed on every station.

National Institute of Standards & Technology (NIST) calibration:

NIST calibration compares sensor performance to a verified national standard of measurement and is available for an additional fee.