

[Your Full Name]
[Your Phone Number]
[Your Email Address]
[Your LinkedIn Profile/Portfolio URL]
[City, State, Zip Code]

[Date]

[Hiring Manager Name]
[Company/Agency Name]
[Department]
[Company Address]
[City, State, Zip Code]

Dear [Mr./Ms./Mx. Last Name],

I am writing to express my interest in the **Meteorological Instrument Calibration Technician** position at [Company Name]. With a strong background in precision measurement, sensor diagnostics, and adherence to NIST-traceable standards, I am confident in my ability to maintain the accuracy and reliability of your meteorological observation systems.

In my previous role at [Previous Company/Organization], I was responsible for the maintenance and calibration of a wide array of sensors, including ultrasonic anemometers, barometric pressure transducers, and hygrometers. I have extensive experience troubleshooting complex telemetry systems and ensuring that data collection platforms meet rigorous ISO/IEC 17025 quality requirements.

Key highlights of my qualifications include:

- Proven expertise in calibrating temperature, humidity, wind, and radiation instruments in both laboratory and field environments.
- In-depth knowledge of data loggers, PLC integration, and remote sensing hardware.
- Ability to document technical procedures and maintain meticulous calibration logs for regulatory compliance.
- Experience working in diverse weather conditions and remote locations to perform site audits and emergency repairs.

I am particularly drawn to [Company Name] because of your reputation for [Specific Project or Reputation]. I am eager to bring my technical precision and analytical skills to your team to ensure the highest quality of environmental data.

Thank you for your time and consideration. I look forward to discussing how my technical skills can support your meteorological monitoring objectives.

Sincerely,

[Your Signature (if sending by mail)]

[Your Typed Name]