

Pyrometer Field Service Descriptions

Annual Health Check and Preventative Maintenance

- NIST/PTB traceable calibration and alignment to specification (up to 1300C) **
- Software and firmware updates
- System overview and training
- Lens cleaning, pyrometer repositioning and refocusing
- Inspect enclosures, O-rings, seals, mechanical and electrical connections
- Inspect mounting hardware and accessories
- AE Certified™ On-site service report summarizing by unit:
 - Calibration verifications
 - Calibration and alignment next steps for out-of-spec units
 - Component replacement recommendations

** If the customer has a working blackbody calibration source on site, we can provide calibration up to the temperature limit of the blackbody.

Commissioning

- AE Certified Field Applications Engineer on site for commissioning up to (XX) pyrometers
- Optimize and verify pyrometer positioning
- Ensure all cables and wires are connected properly and functioning
- Basic user training on pyrometer use, parameter setting, care and troubleshooting
- Initialize display outputs (4-20mA check)
- Set pyrometer response time and optimal operational modes for the application (Single color, two color, or SMART mode if available)
- Adjust emissivity to match reference thermocouple or pyrometer
 - Calibrating to the process when applicable
- Final measurement verification and customer acceptance