

SERVICES PROVIDED FOR VIDEO-BASED MEASUREMENT SYSTEMS

(Related ACC Procedures MP-FFCAL, NPWI-OPTCLN)

- Perform full evaluation of system including:
 - ⇒ Evaluation of video
 - ⇒ Evaluation of DRO system.
 - ⇒ Evaluation of encoders (lip seals, hardware tightness, etc.)
 - ⇒ Evaluation of staging
- Full cleaning of exterior surfaces.
- Clean all optical elements per ACC procedure **NPP-OPTCLN**
- Lubricate all applicable areas using synthetic lube.
- Check all mechanical hardware for looseness - tighten as needed.
- Clean and adjust illumination for maximum output and best image clarity.
- Check centrality and parfocality of video system
- Perform minor mechanical adjustments to optimize system.
- Calibrate X,Y,Z axes as applicable per ACC procedure **MP-FFCAL**.
- Re-configure DRO with LEC corrections (when possible).
- Furnish Certificate of Accuracy with Before/After data.
- If necessary, furnish written report of any problems found. Note any action needed to increase system productivity and accuracy. Note estimated costs regarding needed actions (if available).
- ACC glass master stage micrometer calibrated traceable to NIST to .00001” (10 microinches).
- ACC steel and ceramic master gage blocks calibrated traceable to NIST to .000002” (2 microinches).
- All calibrations conform to ANSI/NCSL Z540-1 and meet ISO requirements.

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