

SERVICES PROVIDED FOR COMPOUND, BIOLOGICAL, SPECIALTY AND METALLURGICAL MICROSCOPES

(Related Proprietary Procedure MP-FFCAL and Non-Proprietary Work Instruction
NPWI-OPTCLN)

- Perform full evaluation of equipment.
- Full cleaning of exterior surfaces.
- Clean all optical elements including eyepieces, beam split mirror, objectives and final magnification lens per ACC procedure **NPWI-OPTCLN**.
- Check stage operation.
- Lubricate all applicable areas using synthetic lube.
- Check operation of objective turret. Make minor adjustments if necessary.
- Check all mechanical hardware for looseness - tighten as needed.
- Clean and adjust illumination for maximum output and best image clarity.
- Clean, center, focus and adjust photo and/or video attachments.
- Perform minor mechanical adjustments to optimize system.
- Calibrate all objectives to installed reticle or video measurement system as applicable per ACC procedure **MP-FFCAL**.
- Furnish Certificate of Accuracy with Before/After data.
- If necessary, furnish written report detailing additional problems found. Note any action needed to increase system productivity. 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 including 17025.

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Approval signature: _____ Title: _____ Date: _____

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