

MONTHLY SEM QUALITY CONTROL TEST

INSTRUMENT: _____ DATE: _____ TIME: _____

OPERATOR: _____ SAMPLE: _____

Each month, an optimized SEM micrograph of a gold on carbon standard is taken for evaluation of image quality and corresponding instrumental parameters.

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WORKING DISTANCE:	13.9 / 10.0 (mm)	MAGNIFICATION 25KX:	_____
ACCELERATING VOLTAGE 250KV:	_____	SPOT SIZE:	_____ (%)
SCANNING SPEED:	_____	FILAMENT DRIVE:	_____
EMISSION CURRENT:	_____ (µA)	VACUUM	
		Pump down time to gun turn on:	_____
CAMERA CONTRAST:	_____ (%)	CAMERA BRIGHTNESS:	_____ (%)
IMAGE SIZE:	_____	FILM TYPE:	_____

Comments: _____

