Metallography Lab (White 502/509) Dept. of Materials Science (DMSE) Case Western Reserve University

	Reviews	
	By	Date
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Standard Operating Procedure

EQUIPMENT: Simplimet 2000 Automatic Mous SIGNIFICANT SAFETY PRECAUTIONS: Machine	
Take precautions to avoid injury, includ	ing safety glasses.
APPROVED BY:	DATE:
PREPARED BY: Zhuoying Jiang	DATE: 9/14/2012
JOB STEPS	SAFETY KEY POINTS
1.1 Prepare the Equipment Make sure the mounting top and base are clean. If not, scrape dirt away with a sharp blade.	Take caution not to cut yourself with the blade.
1.2 <u>Insert the sample</u> Put samples on the base with the face to be detected down, then press RAM DOWN to lower the base.	Make sure the base is eventually placed at th lowest position.
1.3 Add Mounting Powder Add an appropriate amount (usually one scoop) of mounting powder and close the lid. Note: mounting powder must be provided by the user.	

instructions attached to the mounting making sure everything is under control, powder to set parameters.

5 Remove your Sample When finished, open the

If find something abnormal during mounting,

quickly press the red STOP/RESET button. After

1.5 Remove your Sample When finished, open the lid and lift the base to remove the mounted sample.

1.4 Start the Cycle Set SETUP parameters and

start the cycle. Please refer to the

1.6 <u>Cleanup</u> Clean the mounting top and base for the convenience of the next user.

Authorized Operators:

Name:	Zhuoying Jiang	Signature:	Date: <u>9/14/12</u>
Name <u>:</u>		Signature:	Date:
Name:		Signature:	Date:
asses	_	cedure was performed	
specif	ving P ersonal P ro	tective E quipment (PI	PE). I also certify that
	-	-	assessment, and PE requirements for this
		authorized operators	- -
assessi	ment and were tra	ined in the proper PP	E for the tasks
descril	oed in this SOP .	Signature: Name of Title:	Manager

Date:

Personal Protective Equipment (PPE) Hazard Assessment Certification

I	h	hereby certify that on $\hspace{0.1cm}/\hspace{0.1cm}/\hspace{0.1cm}/\hspace{0.1cm}$ a	
		hereby certify that on $_/_$ /a	
hazards a	ssessment of area	was perfo	rmed for
the purpo	se of specifying I	Personal P rotective E quipment (PPE). I
certify t	hat the following	employees received and understood	training
regarding	PPE requirements (for this area. Please Print)	
Name:	Zhuoying Jiang	Name:	
Name:		Name:	
		Name:	
		Name of Managers	
		Signature: Title:	
		Date:	