

## Equipment Training Sheet - Rigaku Rotating Anode XRD

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Department: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Director: \_\_\_\_\_

Staff Initials	Trainee Initials	
		<p><b><u>Anyone needing access to MSE equipment needs to contact MSE tech staff:</u></b></p> <ul style="list-style-type: none"> <li>• For initial training</li> <li>• For subsequent usage (will receive equipment card)</li> <li>• No secondary training of the equipment</li> </ul>
		<p><b><u>Review of hazards, controls, personal protective equipment:</u></b></p> <ul style="list-style-type: none"> <li>• Bring the MSDS for the material to be studied</li> <li>• Machine generates X-rays, it is important to wear dosimeter rings <b>at all times</b> Store dosimeters in the cabinet after you are done with XRD.</li> <li>• This machine uses high voltage, do not disassemble or touch inside components.</li> </ul>
		<p><b><u>Review of standard operating procedure:</u></b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.mse.engin.umich.edu/internal/procedures/rotating-anode-xrd">http://www.mse.engin.umich.edu/internal/procedures/rotating-anode-xrd</a></li> <li>• Report any problem with the equipment to Staff. If you think the equipment has failed and do not attempt to repair it yourself.</li> <li>• Usage time begins when you occupy this instrument.</li> </ul>
		<p><b><u>Available supplies to help in the procedure:</u></b></p> <ul style="list-style-type: none"> <li>• Two common types of holders:               <ul style="list-style-type: none"> <li>○ Etched glass for powders</li> <li>○ Aluminum\clay\glass for solid samples</li> </ul> </li> <li>• Tweezers, gloves, spatulas (to minimize sample contamination)</li> <li>• Double sided tape</li> </ul>

Staff Signature/date: \_\_\_\_\_

Trainee Signature/date: \_\_\_\_\_