

# Safe job analysis – a-SE Ellipsometer

Name of department: Department of Chemistry (Kjemisk Institutt)

Working tasks regarding this Safe job analysis: Using the alpha-SE Ellipsometer.

Date: 11/03-2015, Per-Anders Hansen

**Only trained personnel are allowed to use the ellipsometer! Contact Per-Anders Hansen for training: [p.a.hansen@kjemi.uio.no](mailto:p.a.hansen@kjemi.uio.no).**

<b>Task</b>	<b>What can go wrong</b>	<b>What can minimize the risk</b>
Measuring a sample	Nothing really*	Normal lab routines
Changing the light bulb	Burns from hot lamp if not allowed to cool	Let the lamp cool for 1 minute before touching it

\* This instrument contains no parts than cause injury. The only way to injure yourself with this instrument is if you pick it up and drop it on your foot (you are not supposed to pick it up). The light source is weak and harmless if deflected to your eyes.