

# Safe job analysis – UV-3600 Photospectrometer

Name of department: Department of Chemistry (Kjemisk Institutt)

Working tasks regarding this Safe job analysis: Using the Shimadzu UV-3600 Photospectrometer.

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

**Only trained personnel are allowed to use the photospectrometer! 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 bulbs	Burns from hot lamp if not allowed to cool	Let the lamp cool for 30 minute before touching it
Changing the light bulbs	Exposure to strong light and UV radiation	Either turn off the instrument or turn off the lamps in the UVProbe software before removing the hood to the lamp chamber

\* 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, except if when changing lamps.