

ASEP

**School of Chemistry and Chemical
Engineering**

Powder XRD

- Local Rules
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 - Unintended exposure

DUTY

All personnel working within the School of Chemistry and Chemical Engineering Panalytical XRD unit have a duty to protect themselves and others. They should not knowingly expose themselves or other people to radiation more than necessary for the purpose of their work and they should exercise reasonable care.

Access control

The Powder XRD is located in room 0B.410

Key controlled access

Key is located in ASEP and must be signed for and appropriate ID left.



Controlled area

The controlled area is the area within the XRD cabinet accessed via the twin doors at the front of the cabinet.

You may only enter the Controlled Area to place your sample in the platform

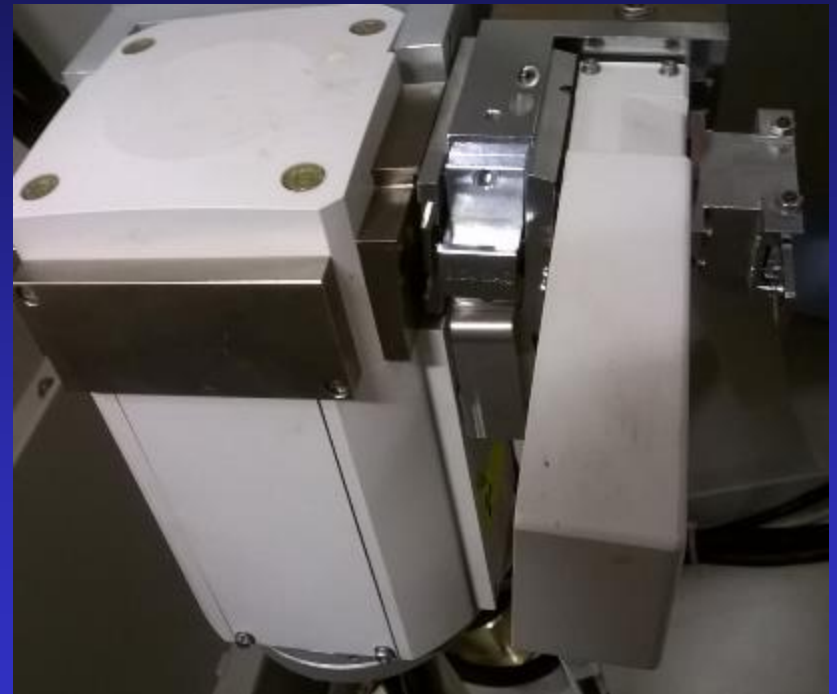
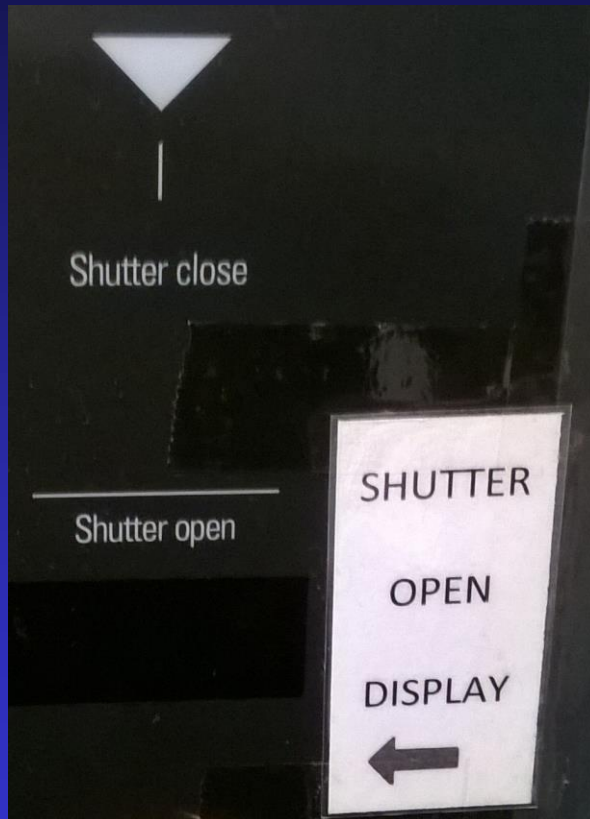


Misuse

Personnel using the XRD must ensure that no-one deliberately misuses or tampers with X-ray equipment or its safety systems.



Safety systems



Mains emergency

All personnel working with equipment in the Controlled Area should be aware of how to switch the Unit off at the mains plug.



Unintended exposure

Any unintended exposure of persons must be reported immediately to ASEP.

Powder XRD

At the end of the scanning sessions the Generator should be switched off.

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