***Task Risk Assessment‑Word Documen***

Printed By: Robert Gould

**Intracampus transport of mounted XPS samples (insert name of sample here) TEMPLATE**

**Name:**

**Task/Process ID:**

**Task/Process Details**

 **Based on 49780**

Insert your name here

…………………………..

**Author:**

**Supervisor:**

**Last Updated By:**

**Effective Risk Level:**

**Low**

**Action:**

Risk is normally acceptable

**Campus:**

**Faculty/Division:**

**School/Centre:**

**Workplace:**

St Lucia

Fac ‑ Science

CMM X‑Ray Analysis Facility, Room 212 Chemistry Building

Approval Date:

**Workplace Location of the Task/Process**

**Status: Approved**

Samples are processed in lab of origin and mounted on substrate before transport to CMM laboratories for further analysis. Clients ‑ please use this assessment as a guide for your sample. Include your samples properties and modify the assessment where appropriate.

**Process\Job Desc:**

**Exposure to Sample**

**Risk Situation:**

**Current Controls:**

See Chemical Risk Assessment.

Chemical

**Energy Source:**

Person contacts sample.

**Hazard Event:**

Single contact with chemical or substance

**Incident Category:**

**Assessment Date:**

19/03/2014

***Risk Analysis***

**Consequence:**

Minor

**Rationale:**

No injury is likely from short term contact with sample.

**Exposure:**

**Rationale:**

Occasional

Individuals transport sample to CMM labs approximately once per week on average.

**Probability:**

**Rationale:**

Conceivable

No exposure to samples has resulted in injuries but it is conceivable.

**Risk Level:**

**Low**

**Action:**

**Risk is normally acceptable**

No Additional Controls

**Risks Associated with this Task/Process or Situation**

**Audited By:**

**Audit Date:**

……….

Centre for Microscopy and Microanalysis (CMM)

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**Chemical Risk Assessment Details**

**Substances: (1)**

**Substance Name:**

**Form:**

**Concentration:**

**Hazardous Substance:**

**UN Number:**

**DG Class:**

**No**

Solid

Not classified as a Dangerous Good

**SAMPLE:……..**

100%

Sample stored in lab of origin. Small Volume.

**Storage Location:**

**Health Effects**

**Hazardous Reactions**

**Route of Exposure**

**Evidence of Exposure**

NIL:

NIL:

NIL:

NIL:

**Yes**

**Yes**

**Yes**

**Yes**

Irritant:

**No**

Explosive:

**No**

Inhalation:

**No**

Presence of dusts/fumes/odours:

**No**

Corrosive:

**No**

Flammable:

**No**

Skin absorption:

**No**

Leaks/spills/residues:

**No**

Sensitiser:

**No**

Peroxide forming chemicals:

**No**

Eye contact:

**No**

Worker symptoms and complaints:

**No**

Asphyxiant:

**No**

Water reactive:

**No**

Ingestion:

**No**

Previous incidents and exposures:

**No**

Toxic:

**No**

Oxidising agents:

**No**

Needlestick:

**No**

Neighbouring activities impact:

**No**

Carcinogenic:

**No**

Cryogenic:

**No**

Mutagenic:

**No**

Pyrophoric:

**No**

Teratogenic:

**No**

Cytotoxic:

**No**

Neurotoxic:

**No**

Reproductive:

**No**

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**Risk Control**

**Elimination/Substitution:**

The transport of mounted XPS samples is necessary in order to analyse these samples in the XPS and elimination or substitution is not possible.

Isolation/containment: Transportation in sealed plastic containers recommended for maintaining samples.

**Engineering Controls:**

Effective and maintained well

**Effectiveness:**

Written emergency procedures: Risk assessment containing spill procedures available in lab. Good housekeeping practices: All work areas to be cleaned after use. All spills to be cleaned up immediately. Good personal hygiene practices: Through washing of hands before leaving lab. Supervision: All clients supervised by staff until competent.

**Administrative Controls:**

Effective and maintained well

**Effectiveness:**

UQ on‑line General Workplace Safety Induction and Annual Fire Safety Training required. Lab specific OHS induction required.

**Training Controls:**

Effective and maintained well

**Effectiveness:**

Gloves: Nitrile or latex gloves recommended for sample protection from contamination.

**PPE Controls:**

Effective and maintained well

**Effectiveness:**

**Waste Disposal:**

Waste not usually generated. Spills: Solids ‑ pick up and return to original container. Wear PPE if direct contact possible. Return to lab of origin for disposal. Powders ‑ Wear PPE. Wipe up with wet paper towel, seal in zip‑lock bag and return to lab of origin for disposal.

**Storage Incompatibilities:**

None

**Safety Instructions:**

First aid generally not required. Treat symptomatically.

**Risk Determination**

**Health Surveillance Req:**

**Air Monitoring:**

**Exposure Frequency:**

**Risk Level:**

No

**Not Significant**

Occasional

No

**Schedule 10:**

No

**Carcinogen Authority No:**

**Task Readers:**

**Reader**

**Date Read**

Gould, Robert (mmrgould)

24/03/2014

**No Training Specified**

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