

NANOPARTICLE TRANSPORT & DISPOSAL PROTOCOL

The process has been developed to add consistency and safety protocol to the process of transporting nanoparticle samples throughout campus for imaging nanoparticle samples with scanning electron microscopes.

Researchers having samples imaged are to complete PART 1 and PART 2, and begin PART 3 before transporting samples to SEM technicians. SEM technicians to complete applicable steps in PART 3, and then either dispose of samples or return samples and form to researchers. When samples are disposed, forward completed form to Safety Resources.

PART 1 <small>Completed by all nanoparticle researchers sharing samples for imaging</small>	Researcher Name <small>(complete Part 1 and Part 2)</small>		Contact Number	
	Email		Nanoparticle Safety Training Completed	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Lab/Research Name		Lab Room Number	
	College/Department of Origin	College: _____ Department: _____		
	Imaging Lab Used:			
PART 2 <small>Information about samples transported between buildings/colleges/personnel</small>	Brief Description of Nanoparticles	Parent Material: Type or Structure: Aqueous or Dry: Volume or Amount (Sample Size): Static Electricity: <input type="checkbox"/> Yes <input type="checkbox"/> No Return or Dispose of Sample: <input type="checkbox"/> Return <input type="checkbox"/> Dispose		
	Additional Safety Information	Note any additional special conditions here: <input type="checkbox"/> SDS attached <input type="checkbox"/> Synthesized in-house		
	Researcher Acknowledgement:	Signed:	Date:	
PART 3 <small>Steps for receiving samples, imaging samples and then either disposing or returning samples</small>	NANOPARTICLE IMAGING PROCEDURAL STEPS <small>(check, date and initial as completed)</small>	<input type="checkbox"/> Part 1 and Part 2 of this form is completed <input type="checkbox"/> Sample properly contained for transport	Date: _____ Initial: _____	
		<input type="checkbox"/> Part 1 and Part 2 of this form is reviewed by imaging technicians <input type="checkbox"/> Sample received by imaging technicians <input type="checkbox"/> Sample prepared & imaged following local SOP	Date: _____ Initial: _____	
		<input type="checkbox"/> Samples to be returned and contained for transport <input type="checkbox"/> Researcher contacted to receive samples <input type="checkbox"/> Imaging files complete and received by researcher	Date: _____ Initial: _____	
		<input type="checkbox"/> Sample Collected, or <input type="checkbox"/> Sample Disposed	Date: _____ Initial: _____	

Scan and send completed and signed forms to:

1. safetyresources@usask.ca
2. Your Local Safety Committee
3. Keep a copy in lab log book