

JOB HAZARD ANALYSIS

JOB: Freeze Dryer

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MODIFIED: 4/25/2002 by Sarah Jablonski

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Recommended Protective Clothing and Equipment:
Lab coat, gloves, First-Aid kit

Sequence of Basic Job Steps	Potential Accidents/Hazards	Recommended Safe Job Procedures
Get 18 samples from freezer	* see freezer JHA for safety in freezer *	* see freezer JHA for safety in freezer *
Wipe off sides of containers with a Kimwipe	-	Wear gloves to protect hands from cold
Check core/grab sheet for pre-frozen wet weight records		
Record wet weights of samples in freeze dryer binder and in dry weight book if not there.	-	-
Remove sample covers and put covers into a plastic glove for storage	-	Wear gloves to protect hands from possible contaminated sediment.
Cover samples with a Kimwipe and secure with a rubber band	shooting rubber bands	-
Turn off freeze dryer if it is running. 1) Turn vacuum off 2) open one vent (SLOWLY- to prevent backfill samples into the compressor & wind in chamber)	-	-
Unload dry samples	-	-
Put wet samples into freeze dryer	-	-
To turn freeze drier on:	-	-
1) Close open vent		
2) Turn on vacuum		
NOTE: Wait @	MBL Freeze Dryer until pressure drops	
Cover dried samples with their respective lids (save rubber bands)	-	-
Take dry weights and record in wet/dry weight book	-	-
Put away samples into their core boxes	-	-
Enter wet/dry weight data to electronic data sheets	-	-

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