
JOB HAZARD ANALYSIS

JOB: CHN Sample Prep and Analysis

DATE: 6/30/99

MODIFIED: 4/25/2002 by Sarah Jablonski

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Recommended Protective Clothing and Equipment: none

Sequence of Basic Job Steps	Potential Accidents/Hazards	Recommended Safe Job Procedures
Take tin vial out of case and open with micro forceps Tare vial on ultra-microbalance Take vial off microbalance and fill with approx. 5-10 mg of ground sediment sample Record weight of sediment in lab notebook Take off balance and fold into tin ball (see folding picture in CHN manual) Place in sample container and store in desiccator until ready to analyze	see grinding JHA	see grinding JHA
Analyzing CHN Turn machine and gases on	pressurized gas poses a potential hazard for explosion	Be cautious and follow SOPs when handling gases
Let oven heat up and let machine equilibrate (about 2.5 hours) Load folded samples into carousel using micro forceps Enter weights and sample information into machine Push start	Burns associated with the oven	Do not touch the oven and associated parts

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