

BROOKHAVEN NATIONAL LAB Chemistry Department	Date: 2/2/09	REV. 5	Page 1 of 1
SUBJECT: Staff Shop Posting	Prepared by: D. Bauer, ECR	Approved By: D. Cabelli, Ops Coordinator	

### **Potential Environmental Impacts for Staff (Machine) Shops**

BNL personnel and all authorized visitors must follow the rules referenced in this posting. Failure to do so may result in injury, contamination of the environment, non-compliance with environmental and/or safety regulations, fines/penalties/Notice of Violations/warnings from governmental entities and/or disciplinary action from BNL management personnel.

#### Non-hazardous (Industrial) Waste (*Industrial Waste Management subject area*)

- Label oil and oily rags with a green, nonhazardous waste label and disposed of as industrial waste through the 90-day area. Identify oil waste as “Used Oil” on the label.

#### Hazardous Waste (*Hazardous Waste Management subject area*)

- Non-oily waste such as solvents, chemical degreasers, and paints must be labeled with a red, hazardous waste label and disposed of directly through the 90-day area.
- Waste may be accumulated in a satellite accumulation area only if an ongoing process is generating waste.

#### Recyclables

- Place empty aerosol cans into the designated container. (Non-empty cans must be managed as hazardous waste).
- Lead solder must be collected for recycling in a container labeled with a “Spent Lead Solder for Recycling” label.
- Collect scrap metal in designated containers for recycling.

#### Spills (*Spill Response subject area*)

- Clean up small (< 5 ga) spills of oil immediately using oil absorbent towels/ materials and/or, kitty litter. Dispose material as industrial waste. *PPE: nitrile gloves, safety glasses with side shields*
- For small spills of chemicals (such as solvents, varnish) notify ESH Coord./Bldg Manager for assistance or instruction on clean up.
- Report any spill or oil > 5 gallons, or any material entering the sink, drain or soil. Call Fire/Rescue x911 or x2222 and notify the ESH Coord. or Building Manager.

#### Machining restrictions

- Machining or any activity generating beryllium dust is NOT permitted
- Machining or any activity generating lead particles requires the approval of the ES&H Coordinator)

Individuals working in these shops are responsible for operating the equipment and using the materials in a safe manner without damaging the environment.

**Call the ES&H Coordinator if there are any questions**

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**Reviewed 3-8-12, with no changes.**

**D. Bauer**