

CAUSTIC 1 / CHLOR-ALKALI 2

1994

REACTIVE CHEMICALS REVIEW

WASTE DISPOSAL AND STORAGE

DO A 046163
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WASTE DISPOSAL PRACTICES

PROCESS WASTE:

- CA-2 is actively working to achieve 100 % compliance with RCRA for hazardous wastes storage, handling, and disposal.
- All reoccurring waste types have pre-designated type numbers.
- Hazardous waste storage is located at D-803 Area, audited weekly for compliance with RCRA. Training and communication of RCRA procedures is ongoing.
- Oil sorb or oil diapers are used in waste packs to eliminate free liquids.
- Non-routine waste disposal is handled by special procedures. Environmental Superintendent is usually consulted in development of a disposal plan.
- Specific waste handling procedures are documented in the reference library.

LAB WASTE:

- Caustic, acids, salts, cooling tower water analysis chemicals are discharged to sinks.
- Flow injection analyzer reagents discharge to outfall.
- Liquid chlorine process samples are returned to the process at the appropriate place.
- Chlorinated organic compounds are hazardous waste, and are disposed of in waste packs (decant pot).
- Non-routine samples and incompatible lab chemicals are handled through Environmental Operations using waste characterizations. Generally 5 gallon buckets.

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