

CAUSTIC 1 / CHLOR-ALKALI 2

1994

REACTIVE CHEMICALS REVIEW

WASTE DISPOSAL AND STORAGE

DO A 047442
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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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CAUSTIC I CRITICAL INSTRUMENT PROGRAM

<u>Tag - Instrument</u>	<u>Frequency</u>
LSH1328 - T-2 HI LEVEL	6 MONTH
LSH1329 - T-1 HI LEVEL	6 MONTH
LSH1378 - T-1A HI LEVEL	6 MONTH
LSH1537 - T-204 HI LEVEL	3 MONTH
LSH2104 - T-104 HI LEVEL	6 MONTH
LSH2105 - T-105 HI LEVEL	6 MONTH
LSH2106 - T-106 HI LEVEL	6 MONTH
LSH2108 - T-108 HI LEVEL	6 MONTH
LSH2109 - T-109 HI LEVEL	6 MONTH
LSH2110 - T-110 HI LEVEL	6 MONTH
LSH2111 - T-111 HI LEVEL	6 MONTH
LSH2629 - T-218 HI LEVEL	3 MONTH
LSH2630 - T-228 HI LEVEL	3 MONTH
LSH2654 - T-219 HI LEVEL	3 MONTH
LSH2655 - T-229 HI LEVEL	3 MONTH
LS5000A - T-21 HI LEVEL	6 MONTH
LS5007A - T-22 HI LEVEL	3 MONTH
LS5012A - T-28 HI LEVEL	3 MONTH
LS5024A - T-44 HI LEVEL	3 MONTH
LS5047A - T-47 HI LEVEL	3 MONTH
LS5061A - T-46 HI LEVEL	6 MONTH
LS5070A - T-49 HI LEVEL	6 MONTH
LS5075A - T-48 HI LEVEL	6 MONTH
LS7100A - T-20 HI LEVEL	6 MONTH
LS7168 - T-245 HI LEVEL	6 MONTH
LS7168A - T-245 HI HI LEVEL	6 MONTH
LS7200A - T-236 HI LEVEL	6 MONTH
LS82010 - T/C STATION #1 HI LVL SWITCH	1 WEEK
LS82011 - T/C STATION #2 HI LVL SWITCH	1 WEEK
LT1625 - E-204 LEVEL	6 MONTH
LT1626 - E-204 LEVEL	6 MONTH
PHI2418 - T-11 pH	1 WEEK
PT1621 - E-204 PRESSURE	6 MONTH
PT1621A - E-204 PRESSURE	6 MONTH
TRC3185 - ARU-204 LOW TEMP	6 MONTH
TRC3179 - ARU-205 LOW TEMP	12 MONTH
TT1628 - E-204 INLET TEMPERATURE	12 MONTH
TT7142 - HE-6 OUTLET TEMPERATURE	6 MONTH
TT1628A - P-204E DISCHARGE TEMP	6 MONTH
TT50006 - T-28 TEMPERATURE	6 MONTH
VI6551 - AC-301 SOUTH VIBRATIONS	12 MONTH
VI6552 - AC-301 MIDDLE VIBRATIONS	12 MONTH
VI6553 - AC-301 NORTH VIBRATIONS	12 MONTH

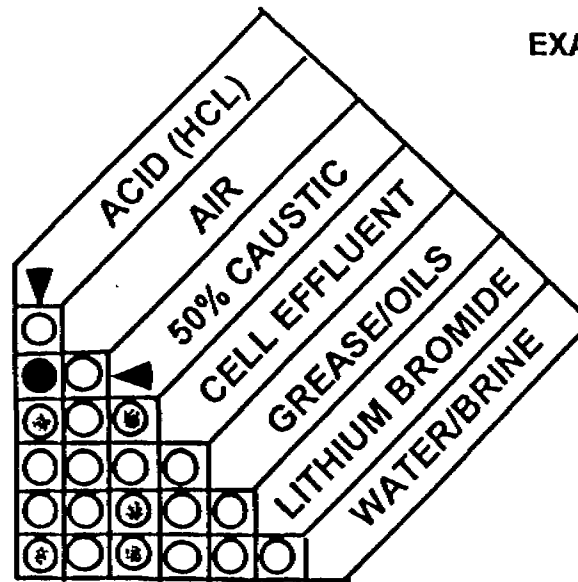
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DOW

CAUSTIC I/CAII

**REACTIVE CHEMICALS REVIEW
OCTOBER, 1994**

REACTIVE CHEMICALS GUIDE



EXAMPLE: ACID - 50% CAUSTIC
READ DOWN AND ACROSS
AS INDICATED BY ARROWS

- EXTREME HAZARD - REACTS VIOLENTLY III DO NOT MIXIII
- ⊛ POTENTIAL HAZARD - COULD REACT UNDER CERTAIN CONDITIONS.
USE CAUTION WHEN MIXING
- NO HAZARD - NORMALLY WILL NOT REACT

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JMBUTLER
09/28/94