CHEMICALS PPG INTEROFFICE / LAKE CHARLES

TO Distribution DATE May 10, 1991

FROM Max Hekmat SUBJECT Safety Showers

The Safety and Health Department is in the process of updating th information concerning safety showers throughout the plant. A survey of the safety showers has been performed with several points identified as needing attention. These points are:

1. Most of the showers are not identified by white and orange diagonal strips.
2. Showers have been taken out of service without informing the Safety Department or having appropriate signs posted.
3. There is no consistent numbering system in use.
4. Coverall storage areas are not properly maintained causing damage to coveralls.

It is the duty of the owners to inspect the safety showers weekly, make the appropriate corrections, maintain a log and inform the Safety Department when showers are taken out of service either temporarily or permanently.

In order to assist in resolving these issues:

1. The Carpenter Shop has agreed to provide white and orange diagonal stripes on an as-needed basis.
2. The numbering system must be made uniform. The following system will be used:

   A. Numbers found in the Safety and Health Department Identification Drawing (Plot Plan) will be used (see attached).
   B. Each department is identified by a number or combination of number and letter followed by a dash, as shown in Table 1.
   C. The number immediately following the dash will identify the shower number.

A combination of B and C above will form the Safety Shower Code to be used throughout the plant.

For example, the Safety Shower Code 2-20 will identify the shower in Caustic Area "C" (2, as shown on the Plot Plan), and the number 20 will identify safety shower number twenty. The Safety Shower Code 5A-10 will identify the shower in the VCM-II area, specifically in the "VC" sphere storage area (5A, as shower on the Plot Plan), and the number 10 will identify safety shower number ten. Following is a list of areas with identification codes.

SL 102425

TABLE I:

| PLOT PLAN # | LOCATION |
|---|---|
| 1. | POWER "C" |
| 1a. | Sabine Water |
| 2. | CAUSTIC "C" |
| 3. | CHLORINE "C" |
| 4. | SILICA |
| 5. | VCM II |
| 5a. | Spheres Storage |
| 5b. | North Dock |
| 5c. | South Terminal (Low Temp.) |
| 6. | LAB |
| 7. | WTC |
| 7a. | Drum Storage Area |
| 8. | PER-TRI |
| 9. | EC/VC/HCL |
| 10. | EDC/VDCM |
| 11. | SHIPPING |
| 11a. | Dock "A" |
| 11b. | Dock "B" |
| 11c. | Dock "C" |
| 11d. | Dock "D" |
| 11e. | Ethylene Unloading (Future) |
| 11f. | Barge |
| 11g. | Tank Car Loading Rack |
| 11h. | Tank Truck Loading Rack |
| 11i. | Vinyl Rack |
| 11j. | Solvents Rack |
| 12. | TRI-ETHANE II |
| 13. | STOREROOM (STORES) |
| 13a. | Scrap Yard |
| 13b. | Old Warehouse |
| 14. | LIQUEFACTION |
| 15. | CAUSTIC "A" |
| 15a. | Dock Storage |
| 15b. | Storage Tank |
| 16. | CHLORINE "A" (ELECTROLYZER) |
| 17. | MERCURY CELL |
| 18. | POWER "A" |
| 19. | RIVERSIDE POWERHOUSE |
| 20. | MAINTENANCE SERVICES |
| 20a. | Maintenance Services (Main Garage) |
| 20b. | Carpenter Shop |
| 21. | PELS |
| 22. | CONSTRUCTION FIELD ENGINEERING |
| 23. | ADMINISTRATION BUILDING |
| 24. | HUMAN RESOURCES |
| 24a. | Main Gate |
| 24b. | Guard Gate, Training E/F |
| 25. | "C" SHOP |

Enclosed is a copy of the Plot Plan for your convenience. Please send me a list of all your safety showers using the numbering system described above and a description of the location of each shower.

If you have any questions, concerns, or if I can be of help, please call me at X-4404.

MH:cg

Distribution

Area Supervisors
Zone Planners

cc: Ron Williams
Bob McCorquodale
Safety Personnel

## LEGEND

1. POWER "C"
   - 1a SABINE WATER
2. CAUSTIC "C"
3. CHLORINE "C"
4. SILICA
5. VCM II
   - 5a SPHERES STORAGE
   - 5b NORTH DOCK
   - 5c SOUTH TERMINAL (LOW TEMP)
6. LAB
7. WTU
   - 7a DRUM STORAGE AREA
8. PER-TRI
   - 8a DOCK STORAGE
9. EC/VC/HCL
10. EDC/VDCM
11. SHIPPING
    - 11a DOCK "A"
    - 11b DOCK "B"
    - 11c DOCK "C"
    - 11d DOCK "D"
    - 11e ETHYLENE UNLOADING (FUTURE)
    - 11f BARGE
    - 11g TANK CAR LOADING RACK
    - 11h TANK TRUCK LOADING RACK
    - 11i VINYL RACK
    - 11j SOLVENTS RACK
12. TRI-ETHANE II
13. STOREROOM (STORES)
    - 13a SCRAP YARD
    - 13b OLD WAREHOUSE
14. LIQUEFACTION
15. CAUSTIC "A"
    - 15a DOCK STORAGE
    - 15b STORAGE TANK
16. CHLORINE "A" (ELECTROLYZER)
17. MERCURY CELL
18. POWER "A"
19. RIVERSIDE POWERHOUSE
20. MAINTENANCE SERVICES
    - 20a MAINTENANCE SERVICES (MAIN GARAGE)
    - 20b CARPENTER SHOP
21. PELS
22. CONSTRUCTION FIELD ENGR.
23. ADMINISTRATION BUILDING
24. HUMAN RESOURCES
    - 24a MAIN GATE
    - 24b GUARD GATE, TRAINING E/P
25. "C" SHOP

REVISIONS

INTERSTATE 210
PPG BOUNDARY
CSU SUBSTATION
0'-0" E-W (30° 13' 27" N LAT.)
"C" CHLORINE
JUPITER
PPG BOUNDARY
INTERSTATE 10
PPG BRINE LINES
SILICA PIGMENTS
PETE MANENA RD
SABINE WATER LAGOON
SABINE WATER CLARIFICATION
VCM PROCESS AREA
VC SPHERS
VC STRG
VINYL CHLORIDE
ETHYL CHLORIDE
EC STRG
HCL
VDCM
SABINE RIVER WATER POND
LAB PARKING: VCM II
LAB PARKING
SHIPPING
BOTTS RECV
WTU
PER-TRI
TRI-ETHANE II
STOREROOM FACILITIES
GUARD GATES
PARISH DRAINAGE CANAL
COLUMBIA SOUTHERN ROAD
ADMIN PARKING
ADMIN
ENG
HUMAN RESOURCES
STORE ROOM
CYL'R LOADG
GUARD HOUSE
CHEM AIR
TUCC
BIG 3 WELDING
GULF OXYGEN
LASCO
SHOP
CHLORINE LIQ
CAUSTIC
MERCURY CELL
K-301
K-302
K-303
K-304
K-305
DIAPHRAGM CELL
ANHYDROUS CAUSTIC
PRIM. CAUSTIC
POWER HOUSE "A"
SERVICE DEPT.
MAINT. SHOP
RIVERSIDE POWERHOUSE
RIVER WATER PUMP DOCK
CHLORINE DOCK
CAUSTIC
SOLVENTS
"C" DOCK
BARGE SLIP
0'-0" N-S (93° 16' 59" W. LONG.)
LOCKPORT OIL FIELD
PPG BOUNDARY
LOW TEMP STORAGE
DRUM STORAGE AREA
BARGE SHIP MOORING 'A' DOCK
FUTURE ETHYLENE UNLOADING
BARGE MOORING
DEEP RIVER CHANNEL TO LAKE CHARLES SHIP CHANNEL
COON ISLAND
PROPERTY LINE PPG
TURNING BASIN
SL 102428

COMPUTER GENERATED DRAWING BY LAKE CHARLES CHEMICALS
CAD REVISE ONLY

A 032 | C 105

PPG CHEMICALS
LAKE CHARLES, LOUISIANA

SAFETY & HEALTH DEPARTMENT
IDENTIFICATION PLOT PLAN

| | | | |
|---|---|---|---|
| DRAWN BY SCHINDLER | DATE 5-7-91 | SCALE 1"=300' | |
| CHECKED BY M.H. | DATE 5-8-91 | CHARGE 4501 | |
| APPROVED BY W. HERMAT | DATE 5-8-91 | SUB | |
| BY | | DWG. 43A-20012.0 | |

CHEMICAL SAFETY #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY S. H. Reon

DATE 4-14-85

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| | "A" DOCK | | | no sign board OK | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | "B" DOCK | | | no sign board OK | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 7S | "C" DOCK | 6 | 5 | ✓ | ✓ | ✓ | | ✓ | | ✓ |
| 8S | "C" DOCK | 4 | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "C" DOCK south end | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "D" DOCK | 4 | 2 | no sign board OK | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "E" DOCK | | | no sign board OK | | | | | — | |
| 11-E3 | caustic rack tank car "btm" | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 1-E | caustic rack tank car "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10E | caustic rack tank car btm | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is connected to hose.
3. Does safety shower need painting to be very noticeable?

SL 102429

CHEMICAL SAFETY #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY J. H. Peon

DATE 4-14-85

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 41-E5 | caustic tank car rack btm | 2 | 2 | | | | | | | |
| 41-E4 | " "top" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 40E1 | " " | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 41-E2 | " " | 3 | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 41-E1 | " " | 3 | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | truck rack caustic "btm" | 2 | 2 | no sign board ok | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| | truck rack caustic "TOP" | 2 | 2 | no sign board ok | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| 15C | acid tank car unload "TOP" | | | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |
| | shipping bldg south inside | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 14C | Acid car unload "Bottom" | | | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is conn cted to hose.
3. Does safety shower need painting to be very noticeable?

SL 102430

CHEMICAL SAFETY: #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY S. H. Reon

DATE 5-12-85

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| | "A" DOCK. | | | board OK | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | "B" DOCK | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7S | "C" DOCK | 8 | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 8S | "C" DOCK | 7 | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "C" DOCK South end | 2 | 2 | NO Sign board need paint | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "D" DOCK | 6 | 4 | no sign | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "E" DOCK | 5 | 5 | NO Sign | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E3 | caustic rack tank car "btm" | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E | caustic rack tank car "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40E | Caustic rack tank car btm | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is connected to hose.
3. Does safety shower need painting to be very noticeable?

SL 102431

CHEMICAL SAFETY #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY J. Reon

DATE 5-12-85

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 41-E5 | West end caustic track | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E4 | caustic rack West end | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 40-E1 | | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E2 | top east end caustic tank car | 3 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E1 | top east end caustic tank | 3 | 1 | ✓ | shower needs pull cord | ✓ | ✓ | ✓ | ✓ | ✓ |
| | caustic truck rack "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| | caustic truck rack "top" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 14C | acid car unload "btm" | | | ✓ | ✓ | ✓ | ✓ | | X | ✓ |
| 5C | acid car unload "top" | | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ |
| | shipping bldg. | 2 | 1½ | ✓ | ✓ | ✓ | ✓ | ✓ | 1 | ✓ |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is connected to hose. showers at 5, 7, 8 feet, acid looks and at Merc. acid O. K.
3. Does safety shower need painting to be very noticeable?

SL 102432

CHEMICAL SAFETY #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY S. H. Reon

DATE 6-8-65

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| | "A" DOCK | — | — | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| | "B" DOCK | — | — | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| 7S | "C" DOCK | 6 | 6 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 8S | "C" DOCK | 3 | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "C" DOCK south end | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "D" DOCK | 5 | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | "E" DOCK | 5 | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E3 | caustic rack tank car "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E | caustic rack tank car "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40E | caustic rack tank car btm | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is connected to hose.
3. Does safety shower need painting to be very noticeable?

SL 102433

CHEMICAL SAFETY #1 PRIORITY

## SAFETY SHOWER INSPECTION

X NEEDS ATTENTION

✓ SATISFACTORY

INSPECTED BY J. Reon

DATE 6-8-65

| SHOWER NO. | LOCATION | BODY WASH BOTTLES NO. | BODY WASH BOTTLES FULL | SIGN & BOARD | SHOWER HD & VLV | PULL CORD | EYE WASH | HOSE & VALVE | MODESTY COVERALLS | FREEZE PROTECTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 41-E5 | | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E4 | | 2 | 1½ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 40-E1 | | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E2 | | 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 41-E1 | | 4 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | caustic truck rack "btm" | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| | caustic truck rack "top" | 3 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 14C | acid car unload "btm" | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15C | acid car unload "top" | | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| | shipping bldg. | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ? |

1. List number of bottles at station and how full.
2. Are hose, hose valve, cord and head present, and do they function properly? Make sure nothing else is connected to hose.
3. Does safety shower need painting to be very noticeable?

SL 102434