

INDUSTRIAL HYGIENE CONTACT LIST

<u>PLANT</u>	<u>NAME</u>	<u>BLDG. #</u>	<u>PHONE #</u>
PLS	MOUCH, WAYNE	807	6789
POLY A	CHAUFFE, ALLEN	807	6503
POLY B	LASSEIGNE, HENRY	901	5764
GLYCOL I	JONES, DAN	1501	1774
SOLVENTS/EDC I	BROWN, MIKE	1601	6555
POWER I/UTILITIES/POWER II	MORRISON, MARTY	1801	6656
CPE	FILECCIA, RUSS	1901	8433
CPE	GARR, TIM	1901	6763
R&D, VECTOR SBC PILOT	GIBSON, BOB	2502	6916
R&D, VECTOR SBC PILOT	WOODSON, GARY	2502	6214
R&D, CHEM. HYGIENE OFFICER	POPE, BRIAN	2511	1636
R&D, CPE PILOT	BOURGEOIS, JUNNIE	2513	1739
R&D, METHOCEL PLANT	LOUIS, DARRYL	2513	1788
CHLORINE	HOOD, BILLY	2601	8492
CAUSTIC	BOUDREAUX, SAM	2901	5710
ENGINEERING	MARCHANT, BARRY	3305	4008
COMPUTER SERVICES	HAYS, DAN	3307	8303
CA II	DOUGLAS, CHARLES	3601	4572
CA MAINTENANCE	GLAVIANO, VICK	3701	5750
ANALYZER	BABIN, LOUIS	4103	2216
MACHINE SHOP	ALLEMOND, WAYNE	4105	8667
MTS	DEFRAIN, MIKE	4107	6443
FAB SHOP	DAVIS, HENRY	4108	6018
MARINE/RAILROAD/TANKCAR	CAVALIERE, HARVEY	4110	6854
MARINE/RAILROAD/TANKCAR	SINGLETON, ERNIE	4110	6147
VECTOR SBC	NERO, BRENDA	4350	8572
CELLULOSE	RUSSELL, WAYNE	4501	2347
METHANES	BORDELON, RODNEY	4601	8674
LHC II	GUSTIN, ROCK	4801	8901
BLOCK 49	DOIRON, PHIL	4901	1745
GLYCOL II	MILLER, GREG	5301	2212
ETHANOLAMINES/GLYCOL ETHERS	AVERA, DAVID	5501	8676
ETHANOLAMINES/GLYCOL ETHERS	BOURGEOIS, E. J.	5501	6278
CELL SERVICE	WALTERS, DEAN	5601	6446
LGTI	THOMAS, JOE	5701	6256
VINYL II	GASCON, FREDDIE	6601	6437
VINYL II	SCHULTZ, GREG	6601	8403
LHC III	D'ARMOND, DANE	6803	1547
ENVIRONMENTAL OPERATIONS	DENOVA, DON	8010	8807
PIPELINE	OCKMAND, DONALD	8304	6334
POLY C	LEE, DONNIE	8601	6598
PIPELINE, (FREEPORT)	AMOS, CARL	BM-54	409-238-5822
GRAND BAYOU OPERATIONS	STRUBB, JIMMY	G.B.O.	5785

<u>PLANT</u>	<u>NAME</u>	<u>BLDG. #</u>	<u>PHONE #</u>
SAFETY SUPERINTENDENT	PARKER, STEVE	930	8679
SAFETY SUPERINTENDENT	POPE, BRIAN	2511	1636
SAFETY SUPERINTENDENT	SANDOW, ALLAN	3701	8887
SAFETY SUPERINTENDENT	USIE, PAM	4109	8049
SAFETY SUPERINTENDENT	SUPPLE, ED	4601	5722

REVISED: 1/15/93

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This section contains the following documents:

1. **The Plant/Department-Specific Written Hearing Conservation Program**
Each plant/department is required to have a written hearing conservation program detailing the minimum requirements for an acceptable program within their area
2. **Current Noise Monitoring Reports for Specific Area**
A copy of the most recent noise monitoring report should be kept in the manual. Historical data has been included in the annual Industrial Hygiene Report located in Section 2 of the manual.
3. **Industrial Hygiene Guide Documentation for Noise**
This document explains the activities of the Corporate Task Force on Hearing Conservation and how DOW has implemented its Hearing Conservation Program.
4. **DOW Corporate Guidelines for a Hearing Conservation Program**
5. **Warning Sign Information**
Color pictures of the signs and their corresponding MSMS code numbers are provided for ordering the necessary signs for your area.
6. **List of Hearing Protection**
This provides a list of available approved hearing protection devices including MSMS code numbers. The manufacturer's NRR is included for each device.
7. **LAD Personal Noise Monitoring Record Form**

**Louisiana Division
Hearing Conservation Program**

Plant/Department: _____ Written Program

OSHA 29 CFR 1910.95 Occupational Noise Exposure and Dow Program Requirements for Hearing Conservation (August 1990) require that any individual with a dose exceeding or equal to 50% of their allowable daily dose must participate in a hearing conservation program. The _____ Plant/Department's hearing conservation program fulfills all of the OSHA and Dow requirements. The Hearing Conservation Program includes:

- 1) Evaluation of Noise Exposure
- 2) A baseline and annual audiogram
- 3) Annual training covering the following topics:
 - the effects of noise on hearing,
 - hearing protection (proper selection, fit, use and care),
 - the purpose of the audiogram (testing procedures and results).
- 4) Personal Hearing Protection
- 5) Engineering and Administrative Controls for Noise
- 6) Record keeping and Audits

Evaluation of Noise

The date of the last comprehensive area noise survey was ____/____/____. Personal job exposure evaluations were performed on ____/____/____.

Personal noise exposures doses were determined using _____ (type) audio-dosimeter(s). Noise exposure monitoring results were based on OSHA settings (80 dBA threshold, 90 dBA criterion level, 5 dBA doubling rate). The instruments shall be checked for were calibrated before and after each use.

Personal noise monitoring results for each job assignment are given below. The results are given as a percent (%) of allowable daily dose with correction for full shift.

$$\frac{\text{Actual shift (hrs.)}}{\text{Monitored shift (hrs.)}} \times \text{Actual dose} = \text{Adjusted dose}$$

Job Classification

% dose

12 Hr. Shift

8 Hr. Shift

• _____
 • _____
 • _____
 • _____
 • _____
 • _____
 • _____
 • _____
 • _____

Evaluation of Noise (continued)

Area sound pressure level measurements were taken using a _____ (type) sound level meter with A-weighted scale and slow meter response. The instruments were calibrated before and after each use.

Area sound pressure level measurements ranged from _____ to _____ dBA. The following areas are designated as mandatory hearing protection areas since they are at or above 90 dBA. These areas are posted with signs requiring hearing protection.

Area	Sound Level (dBA)
• _____	_____
• _____	_____
• _____	_____
• _____	_____

The following areas are designated with "DANGER" signs as hearing protection areas requiring the use of both plugs and muffs since they are 105 dBA or greater.

Area	Sound Level (dBA)
• _____	_____
• _____	_____
• _____	_____
• _____	_____

Temporary jobs that have equipment with noise levels at or above 90 dBA require temporary signs and mandatory use of hearing protection anytime the equipment is in operation. This includes such areas as sandblasting, hydroblasting, use of portable air compressors and certain hand tools. Examples of **temporary** maintenance jobs performed in our block include:

Audiometric Testing

Baseline audiograms have been determined on all employees working in the _____ Plant/Department. Audiograms will be repeated annually on each employee as required by the OSHA Hearing Conservation Program, and follow-up will be conducted when medically appropriate.

Training

A review of the area sound level surveys and personal dosimetry was presented to employees as part of the annual training program. The presentation includes:

- the effects of noise on hearing,
- hearing protectors- their selection, proper fit, use, and care
- audiometric testing program- test procedures and results

Original training documentation will be sent to the Industrial Hygiene Department for placement in the 75 year record retention file.

As a tool for hazard communication, continuing education, and standard compliance, a copy of the noise standard (29CFR 1910.95) is posted in the plant.

Personal Hearing Protectors

Hearing protectors must be worn if 1) an employee's noise exposure exceeds 85 dBA as an 8-hr. TWA or 2) an employee is working in an area with sound pressure levels are above 90 dBA or performing a task which generates greater than 90 dBA. All hearing protection shall be chosen which can attenuate below 90 dBA for the noise source and can ensure that the 8 hr. time weighted average will not exceed 85 dBA. A combination of plugs and muffs may be needed to achieve this level of attenuation. An additional 5 dB of attenuation is allowed when using dual hearing protection (plugs + muffs).

The method for determining the attenuation of hearing protectors is described in the OSHA Hearing Conservation Amendment, Appendix B, Corporate Guidelines for a Hearing Conservation Program, Appendix B, and is included in Section 6 of the Industrial Hygiene Manual.

Hearing protectors approved for use in this plant and that will attenuate the noise below 90 dBA include the following:

<u>Device</u>	<u>Noise Reduction Rating (NRR)</u>
_____	_____
_____	_____
_____	_____
_____	_____

Other devices are available through plant supervision or the Industrial Hygiene Department.

Noise Abatement Plans

Any new equipment or changes to the process will be evaluated for noise and when feasible, engineered to keep noise levels below 85 dBA.

Engineering controls for Noise Abatement in this plant are as follows:

<u>Area</u>	<u>Method of Engineering Control</u>
• _____	_____
• _____	_____
• _____	_____
• _____	_____

Date Created: __/__/__

Date for Next Review/Revision: __/__/__

Approved By: _____

I H. Contact

Plant Superintendent/
Department Head