

SOLVENTS / EDC 1
1987 NOISE LEVEL SURVEY
POTENTIAL NOISE EXPOSURE SOURCES

PLANT EQUIPMENT	SOUND LEVEL (dba)
PLANT AIR (3/4 " BLEED WIDE OPEN)	132 db
475 # STEAM TRAP (AR-40 A & B)	112 db
K-40 A	106 - 102 db
AR-40 A & B (ON LINE)	105 db
K-520 DECK	105 - 100 db
C-500 INLET CONTROL VALVE	104 db
AHCL TO C-TRAIN CONTROL VALVE	104 db
K-40 B	102 - 100 db
DR-40 A & B	102 db
K-3 E HOT GAS BYPASS CONTROL VALVE	102 db
WS-40	101 db
BL-740	100 db
RIVER WATER PUMPS (SOLVENTS)	98 - 95 db
D-2 C DUMP CONTROL VALVE (OPENING)	97 db
K-3 E GROUND LEVEL	95 - 93 db
NORTH R-1 E BOTTOMS PUMPS	95 db
AR-40 A & B (OFFLINE)	95 db
E-550'S	94 - 90 db
P-820'S	92 db
P-810'S	92 db
WEST C-13 BOTTOMS PUMP	92 db
K-3 E LIQUID FREON INJECTION CONTROL VALVE	92 db
RIVER WATER PUMPS (EDC 1)	92 - 88 db
P-20	92 db
ETHYLENE TO R-1 D CONTROL VALVE	92 db
P-800'S	91 db
K-5 B & D	91 - 85 db
EAST OF T-15/16 PUMPS	90 db
ETHYLENE TO R-1 D CONTROL VALVE	90 db
K-5 C & F	90 db
C-20 A BOTTOMS	89 db
R-1 D OVERHEAD PUMPS	88 db
SOUTH C-14 A BOTTOMS PUMP	88 db
C-14 A BOTTOMS CONTROL VALVE	88 db
P-201 A	87 db
SOUTH D-23 A	87 DB
EAST R-1 E	87 db
C-14 B OVERHEAD PUMPS	86 db
E-541'S	86 db
WEST R-1 D	85 db
R-1 C INLET	84 db
C-81	84 db
NORTH IRON DRUM	83 db
R-1 C TO C-1 C	81 db
WS-40	80 db
AF-40	79 db
HAND TOOLS (IMPACT NOISE)	SOUND LEVEL (dba)
HAMMER (ON METAL)	116 db
HAMMER (ON STEEL CHISEL)	106 db
HAMMER (DRIVING NAIL)	103 db
HAMMER (ON WOOD CHISEL)	95 db

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NOISE SURVEY (CONT.)

POWER TOOLS	SOUND LEVEL (dba)
SIDE GRINDER (FIBER DISC ON METAL)	110 db
PIPE GRINDER	108 db
CIRCULAR SAW (CUTTING WOOD)	107 db
PIPE CUTTER, LG. (FAST SPEED)	95 db
PIPE CUTTER, SM.	95 db
PIPE CUTTER, LG. (MED. SPEED)	90 db
PIPE CUTTER, LG. (SLOW SPEED)	85 db
HEAVY EQUIPMENT AND MACHINERY	SOUND LEVEL (dba)
CHEERY PICKER (FULL THROTTLE)	108 db
PORTABLE AIR COMPRESSOR (DOORS OPEN)	102 db
WELDING MACHINE (FULL THROTTLE)	101 db
CHEERY PICKER (IDLE)	96 db
WELDING MACHINE (IDLE)	96 db
PORTABLE AIR COMPRESSOR (DOORS CLOSED)	90 db
TOWMOTOR	90 db
JLG MANLIFT	90 db
MISCELLANEOUS	SOUND LEVEL (dba)
GATE ONE PAGE	96 db
SMOKE ALARM	95 db
HCL LAB VENT HOOD	90 db
PAINTER'S WORK ROOM (EDC 1)	82 db
PANEL B ALARM (SOLVENTS)	82 db
REDUNDANT LEVEL ALARM (SOLVENTS)	82 db
LOADING LAB VENT HOOD	80 db
COMPUTER ROOM (SOLVENTS)	75 db
MAINTENANCE SHOP (EDC 1)	72 db
PARKING LOT (SOLVENTS)	66 db
CONTROL ROOM (EDC 1)	58 db

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