

# **FACILITIES LIST FOR PLANT 4**

MANUFACTURE, RECONDITION, REPAIR OR UPGRADE YOUR OLD STEEL MILL EQUIPMENT

## **SHOP SQUARE FOOTAGE:**

APPROXIMATELY 75,000 SQ FT.

# (MACHINE SHOP DEPARTMENT)

## **CNC LATHE TURNING CAPACITY:**

- FARREL 50" X 22' BETWEEN CENTERS WITH ALLEN BRADLEY CONTROLS
- NILES 62" X 20' BETWEEN CENTERS WITH ALLEN BRADLEY CONTROLS
- LEBLOND 32" X 12' BETWEEN CENTERS WITH ALLEN BRADLEY CONTROLS
- AMERICAN 26" X 14' BETWEEN CENTERS WITH ALLEN BRADLEY
- AMERICAN 5035, 48" X 16' BETWEEN CENTERS WITH FANUC CONTROLS
- BOERINGER 34" X 18' BETWEEN CENTERS WITH ALLEN BRADLEY CONTROLS

# MANUAL LATHE TURNING CAPACITY:

- CINCINNATI 9" X 36" BETWEEN CENTERS
- MONARCH 50" X 21' BETWEEN CENTERS
- LEBLOND 37" X 13' BETWEEN CENTERS
- MEUSER 48" X 12' BETWEEN CENTERS HEAVY DUTY LATHE WITH BELT SANDING UNIT

## CNC VERTICAL TURNING LATHE CAPACITY:

- BULLARD 36" TABLE, 4 AXIS, 4 POSITION TURRET WITH ALLEN BRADLEY CONTROLS
- MONARCH VHN 36 150" SWING, 134" MAX HEIGHT UNDER RAIL, 118" CROSSRAIL, 60 TON TABLE CAP., 25 HP SPINDLE WITH FANUC 200C CNC CONTROL

### LATHE MODEL VERTICAL MACHINING CENTER:

• ENCO 2.2 KW VFD VERTICAL MILLING MACHINE

## **LARGE FLOOR MILLS:**

- GRAY MODEL 660, 6" SPINDLE, 168" X-TRAVEL, 92" Y-TRAVEL, 60" Z-TRAVEL, 120" X 120" ROTARY TABLE, 84" X 84" ROTARY TABLE, 48" X 120" FLOOR PLATE, 3-AXIS DRO
- G&L 719-QF, 7" SPINDLE, 174" X-TRAVEL, 126" Y-TRAVEL, 120" Z-TRAVEL, 48" X 60" ROTARY TABLE, 60" X 167" FLOOR PLATE, 75 HP, ALLEN BRADLEY CNC CONTROL
- GRAY 6" SPINDLE, 280" X-AXIS, 75" Y-AXIS, 60" Z-AXIS, 72" X 280" FLOOR PLATE, 72" X 96" ROTARY TABLE, 4-AXIS DRO

#### **HORIZONTAL BORING MILLS:**

- G&L 70-E4-T-3X, 48" X 86" TABLE, 48" X 84" TABLE TRAVEL, 72" VERT TRAVEL, 36" X 48" ROTARY TABLE, 4" DIA SPINDLE
- G&L 70-H6-T, 72" X 146" TABLE, 75" X 87" TABLE TRAVEL, 96" VERT TRAVEL, 48" X 48" ROTARY TABLE, 6" DIA SPINDLE, 3-AXIS DRO
- G&L 70-G5-T, 48" X 60" TABLE, 60" X 72" TABLE TRAVEL, 36" VERT TRAVEL, 36" X 36" ROTARY TABLE, 5" DIA SPINDLE, 3-AXIS DRO, ALLEN BRADLEY CNC CONTROL
- G&L 70-G5-T, 48" X 60" TABLE, 60" X 88" TABLE TRAVEL, 71" VERT TRAVEL, 36" X 36" ROTARY TABLE, 5" DIA SPINDLE
- G&L 65-H6-T, 48" X 108" TABLE, 108" X 108" TABLE TRAVEL, 48" X 60" ROTARY TABLE

# **WELD SHOP EQUIPMENT:**

- (7) MIG WELD STATIONS UP TO 10' BOOM CAPACITY
- ARONSON WELD POSITIONER MODEL RAB 120-BF, 12,000 LBS CAPACITY
- ARONSON WELD POSITIONER MODEL GE500-400, 50,000 LBS CAPACITY
- ARONSON WELD POSITIONER MODEL MD400A, 40,000 LBS CAPACITY
- ARONSON WELD POSITIONER MODEL GE90A, 9,000 LBS CAPACITY
- 6' X 17' X 7' DEEP STRESS RELIEF FURNACE
- 10' X 15' X 10' DEEP STRESS RELIEF FURNACE
- (3) 10' X 15' X 6' DEEP STRESS RELIEF FURNACE
- (2) CNC 3-AXIS WELD MANIPULATORS, 12' TRACK, ALLAN BRADLEY CONTROLS, LINCOLN NA-5R WF, DC1000 PWR UNITS
- SNK MODEL PW150A, BRIDGE TYPE CNC WELD ROBOT, X-1500MM, Y-1000MM, Z-1000MM, WITH ALLAN BRADLEY CONTROL
- (2) CUSTOM DESIGNED DUAL HEAD OPEN ARC WELD LATHE, UP TO 48" SWING X 20' BETWEEN CENTERS, VARIABLE SPEED DRIVE, 20' LONG MAIN BEAM (X-TRAVEL), HOBART WF, DUAL MILLER DIMENSION 652 POWER SOURCES
- (3) CUSTOM DESIGNED DUAL HEAD SUBMERGED ARC WELD LATHE, 36"- 48" SWING X 20' BETWEEN CENTERS, VARIABLE SPEED DRIVE, 24' MAIN BEAM (X-TRAVEL), DUAL LINCOLN IDELARC 1500 POWER SOURCES ON EACH, LINCOLN NA-5 WF, UP TO 45,000 LBS CAPACITY
- CUSTOM DESIGNED DUAL HEAD SUBMERGED ARC WELD LATHE, 50" DIA. X 210" BETWEEN CENTERS, VFD WITH AUTOMATED TOUCH SCREEN CONTROL, DUAL MILLER DIMENSION 652 POWER UNITS, 45,000 LBS CAPACITY
- (4) UNITED AIR MODEL FJL4-5-H55 DUST COLLECTION SYSTEMS

## ASSEMBLY/DISASSEMBLY AND CLEANING DEPT:

- 12' X 25' SHOT BLAST BOOTH WITH RAIL MOUNTED CAR
- HANSON MODEL DT 144X96 AUTOMATED PARTS WASHER WITH 12' DIA ROTARY TABLE, 96" WORK HEIGHT, 60 HP PUMP, 40,000 LBS CAPACITY
- TORNADO AUTOMATIC PARTS WASHER WITH 40" DIA ROTARY TABLE
- MAGNUS ALHS PARTS WASHER
- 5,000 LBS. PLATFORM SCALE WITH DIGITAL READOUT
- 4' DIA X 15' LENGTH CAPACITY 500 TON HORIZONTAL HYDRAULIC WHEEL PRESS
- LEMPCO 40 TON H-FRAME SHOP PRESS

# **INSPECTION DEPARTMENT:**

- FULL DIMENSIONAL CAPABILITY
- NDT TO INCLUDE DIE PEN/MAG PART/UT
- GEOMETRIC CAPABILITY
- SPECTRO MOBILE METAL ANALYZER SPECTROMETER
- LAKE SHORE 10' X 15' LAYOUT TABLE
- 8' X 8' GRANITE SURFACE PLATE WITH STAND

# **UPENDERS:**

- PENTALIFT 15,000 LBS CAPACITY UNIT
- PENTALIFT 20,000 LBS CAPACITY UNIT
- WESTBEND 6,000 LBS CAPACITY UNIT

## **CRANE CAPACITY:**

• 18 OVERHEAD BRIDGE CRANES RANGING FROM 5 TON CAPACITY TO 20 TON CAPACITY UP TO 26' UNDER THE HOOK

# **TRANSPORTATION:**

• 2000 FORD MODEL F450XL STAKE BODY TRUCK, 12' BED