

FACILITY LIST

FACILITY

- One building
Built in 1995 for Vulcan Industries, Inc.
- ▶ 50,000 sf. Block Building; 4,500 sf. Office - 45,500 sf. Manufacturing
 - ▶ Air Conditioned Throughout
 - ▶ 3 Truck-Height Loading Docks
 - ▶ 2 Drive-In Loading Docks
 - ▶ 5,000 lbs. Yale Fork Lift
 - ▶ 3,000 lbs. Clark Fork Lift
 - ▶ Etch and Chromate Line with 250 gal Tanks
 - ▶ 25HP Atlas Copco Rotary Compressor with Dryer
 - ▶ 15HP Atlas Copco Rotary Compressor with Dryer

DELIVERY VEHICLES

- ▶ Freightliner 24 ft. Box Truck
- ▶ GMC Cargo Van

INSPECTION EQUIPMENT

- ▶ Virtek LaserQC, High-Speed Flat Part Laser Inspection System with 48" x 48" Table.
- ▶ Pin Gages .062"-.500" in .001" Increments
- ▶ Thread Gages
- ▶ 24" x 48" Granite Surface Plate
- ▶ 30" x 60" Granite Surface Plate
- ▶ 36" x 48" Granite Surface Plate
- ▶ 24" Digital Height Gage
- ▶ 24" Height Gage
- ▶ 40" Scale Calipers
- ▶ 12" Digital Calipers
- ▶ 12" Dial Calipers
- ▶ 8" Dial Calipers
- ▶ 6" Dial Calipers
- ▶ Various Scales, Squares and Protractors
- ▶ Plating Thickness Gage
- ▶ Federal Standard Color Chips and Specs
- ▶ All tools (including employee-owned tools) are under a calibration recall system traceable to the National Institute of Standards and Technology (NIST)

ENGINEERING

Vulcan Industries CAD system can receive 2D & 3D files and models via compact disk, e-mail or FTP site. Contact Dave Lundberg at (978) 562-0003 ext. 109 for more information on how to access the ftp site and to obtain a password.

The following file formats are supported:

- ▶ Pro/E Files
- ▶ SolidWorks Files
- ▶ .igs, .dxf, .prt, .cdl, .dwg
- ▶ HP Plot Files

The structure of Vulcan Industries' computer networks is current state of the art.

Hardware

- ▶ Dell Win 2003 Server
- ▶ 12 Workstations Dell Pentium II
- ▶ Xerox 2515 Engineering Copier
- ▶ Xerox WorkCentre Pro 416
- ▶ HP DesignJet 755 CM Plotter
- ▶ HP LaserJet 5 SI printer

Software

- ▶ Microsoft Windows XP
- ▶ MS Office 2000
- ▶ Pro/Engineer Wildfire
- ▶ SolidWorks
- ▶ CadKey
- ▶ AutoCAD LT
- ▶ MetalSoft Fabriwin 9.2
- ▶ MetalSoft Reverse Engineering 9.2
- ▶ MetalSoft AutoUNFOLDER 4.1
- ▶ FabriTrack32 7.0

CNC LASER CUTTING MACHINE

Amada LASMAC LCE-655

- ▶ 1500 Watt Fanuc Laser
- ▶ Pulsating Flat Peak Laser
- ▶ 5-Ton Coolant Cooler HCC7500
- ▶ Aircology Vacuum and Filter System
- ▶ Amada OVS-1000 Imaging Processing System (Compensate for Different Origins on Multiple Machines, i.e. Turret Punching then Laser Cutting)
- ▶ 50" x 50" Table plus Repositioning
- ▶ ¼" Stainless Steel Capacity

CNC TURRET PUNCH PRESSES

Amada VIPROS 357 Queen

- ▶ 58 Stations
- ▶ Work Chute
- ▶ 33-Ton Hydraulic Clutch and Brake
- ▶ 50" x 72" Table plus Repositioning
- ▶ Amada N-04P-C Controller

3 Amada Pega Queen 345-AI

- ▶ 40 Stations Including (2) Auto Index Stations
- ▶ Work Chute
- ▶ 33-Ton Hydraulic Clutch and brake
- ▶ 40" x 50" Table plus Repositioning
- ▶ Amada 04P-C Man/Machine Control

Vulcan Industries, Inc.

precision sheet metal fabrication

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www.vulcanindustry.com

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Amada Pega 344-AI

- ▶ 40 Stations Including (2) Auto Index Stations
- ▶ Work Chute
- ▶ 33-Ton Hydraulic Clutch and Brake
- ▶ 40"x40" Table plus Repositioning
- ▶ Fanuc 6M Control

Amada Pega 344

- ▶ 40 Stations
- ▶ 33-Ton Pneumatic Clutch and Brake
- ▶ 40"x40" Table plus Repositioning
- ▶ Fanuc 6M Control

Large assortment of dimples, lance, card guides & louvers punch press tooling.

SINGLE HIT PUNCH PRESS

Strippit

- ▶ Single Station 30/30 Punch Press

CNC SHEARING

Amada Mechanical Shear

- ▶ 3/16"x8' CRS Capacity
- ▶ 40" Programmable Back Gage
- ▶ Air Powered Sheet Support System

Large assortment of various materials including alum, steel, stainless, copper, brass and preplated.

MACHINE SHOP

- ▶ Bridgeport EZ-Track DX CNC Vertical Milling Machine
- ▶ 2 Bridgeport Manual Milling Machine
- ▶ Chevalier vertical miller with Anilam control
- ▶ Horizontal band saw, 12" Diameter Capacity.
- ▶ 2 Multi-Speed Drill Presses
- ▶ Various Tapping Machines
- ▶ 16" Abrasive Cut-Off Saw

SANDING AND DEBURRING

- ▶ 3 Timesaver Computer Controlled 37"x60" Heavy Duty Wet Process with Dryer
- ▶ Ultramatic 20 cu.ft. Vibratory Tumbler
- ▶ 15-Gallon barrel Tumbler
- ▶ 3 1" belt sanders for edging

FORMING

6 Amada RG-80S

- ▶ 88-Ton Capacity Hydraulic Press Brake
- ▶ 80" Bed
- ▶ Amada NC9-EX 3-Axis CNC Control

3 Amada RG-50S

- ▶ 55-Ton Capacity Hydraulic Press Brake
- ▶ 80" Bed
- ▶ Amada NC9-EX 3-Axis CNC Control

Amada RG-35

- ▶ 38-Ton Capacity Hydraulic Press Brake
- ▶ 48" Bed
- ▶ Amada NC9-EX 3-Axis CNC Control

WELDING

- ▶ 5 250A Miller Syncrowave TIG Welders
- ▶ 200A Miller-Matic MIG Welder
- ▶ Oxyacetylene Torch Setup

SPOTWELDING

Stryco 150 KVA Aluminum Spotwelder

- ▶ ¼" Capacity

Thompson 25 KVA Steel Spotwelder

- ▶ 1/8" Capacity

GRINDING

40'x40' Sealed Grinding Room

- ▶ 6"x123" Double Ended Belt Grinder Square wheel
- ▶ 2 5"x48" Progress Stroke Sander
- ▶ Complete Assortment of Pneumatic Hand Tools for Grinding and Finishing
- ▶ Glass Bead/Sand Blast Cabinet

HARDWARE

- ▶ PEMSserter Series 2000 Auto-Feed
- ▶ 2 PEMSserter Series 1000 Auto-Feed
- ▶ 4 PEMSserter PS Series 4

ASSEMBLY

- ▶ 4,500 sf. Room with Tiled Floor
- ▶ Mechanical Assembly, Riveting, Gasket and Grommet Installation, etc.
- ▶ 8 Assembly Work Bench Stations
- ▶ 1700 sf. Room For Electromechanical Assembly.
- ▶ 3 Avdel High Production Rivet Guns
- ▶ 6 Pneumatic Rivet Gun

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