

# Facilities List

## 3V Precision Machining

(current 2/23/2014)

### CNC MILLING CENTERS

- KITAMURA HX630i HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (40 x 32 x 32)
- KITAMURA HX630i HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (40 x 32 x 32)
- KITAMURA HX630i HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (40 x 32 x 32)
- KITAMURA HX400iF HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (26 X 24 X 22)
- KITAMURA HX400iF HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (26 X 24 X 22)
- KITAMURA HX400i HORIZONTAL MACHINING CENTER WITH FULL 4th AXIS (26 X 24 X 22)
- OKK VM7111 VERTICAL MILL (60 X 30 X 26)
- HYUNDAI WIA F400 VERTICAL MILL (31 X 18 X 20)
- HYUNDAI WIA F400 VERTICAL MILL (31 X 18 X 20)

### CNC TURNING CENTERS

- HYUNDAI-KIA SKT-V110R/L VERTICAL TURNING CENTER 1160 mm dia., W/ FANUC 21i-TB CNC (32 X 24)
- HYUNDAI-KIA L1600TTSY TWIN TURRET TWIN SPINDLE LATHE WITH LIVE TOOLING (9 X 9)
- HYUNDAI-KIA L160LMSA TWIN SPINDLE SINGLE TURRET WITH LIVE TOOLING (12 X 21)
- METHODS SLANT 50 CNC TURNING CENTER ( 12 X 24 )
- HITACHI SEIKI TS15 CNC TURNING CENTER WITH LNS BARFEEDER (6 X 6)
- SUPERMAX CNC TURNING CENTER WITH PARTS CATCHER (6 X 6)
- OKUMA & HOWA HL-20 CNC LATHE (10 X 10)
- TAKISAWA CONVENTIONAL LATHE WITH D.R.O.
- HURCO CONVENTIONAL MILL WITH D.R.O.

### CONVENTIONAL MACHINES

- COSEN C-300NC FULLY AUTOMATIC HYDRAULIC 12" BANDSAW
- TAKISAWA CONVENTIONAL LATHE WITH D.R.O.
- HURCO CONVENTIONAL MILL WITH D.R.O.
- HARIG 6" X 18" SURFACE GRINDER
- WELLSAW HORIZONTAL BAND SAW 11 X 17
- BESTLINE UNIVERSAL CUTTER GRINDER
- 10" X 20" TUMBLER
- 12" X 12" X 12" BEAD BLASTER
- MISC. BENCH GRINDERS ETC.

### CAD / CAM

- SURFCAM 5 AXIS CNC PROGRAMMING (LATEST UPDATES)
- SENSABLE TECHNOLOGIES PHANTOM DESKTOP HAPTIC DEVICE SOLID MODELER
- SOLID WORKS SOLID MODELING & PRINT GENERATING SOFTWARE (LATEST UPDATES)
- FILE TRANSFERS AVAILABLE IN... SAT. SRF. DXF. DWG. IGS. IGES. STEP. X\_T. STL. DSN. CADL .PRT. SLDPRT .

### INSPECTION

- NIKON LK -V HIGH-ACCURACCY BRIDGE CMM PROGRAMABLE (60 X 40 X 30)
- MICRO-VU VERTEX 420 PROGRAMABLE VISION/CMM/ MICROSCOPE WITH IN-SPEC METROLOGY SOFTWARE (6 X 12 X 6)
- TESA MICRO-HITE CMM WITH ONBOARD METROLOGY COMPUTER
- 14" MICRO-VU OPTICAL COMPARATOR WITH 10x & 20x ZOOM WITH IN-SPEC METROLOGY SOFTWARE
- MITUTOYO SJ-201P SURFACE FINISH MEASURING PROFILOMETER
- MICRO-VU VIDEO MEASURING SYSTEM WITH 300X ZOOM AND METROLOGY COMPUTER
- ZCAL 13" ELECTRONIC DIGITAL HEIGHT GAGE
- MANTIS ELITE MICROSCOPE
- (4) BAUSCH AND LOMB 30x STEREO MICROSCOPE
- (3) 24"x36" PRECISION GRANITE PLATES.00005" DROP PIN GAUGE
- VARIOUS DIAL BORE GAGES, PRECISION BLOCKS, PIN, SINE AND BALL GAUGING SETS
- MICROMETERS, AND OTHER INSPECTION TOOLS