

IMI FACILITIES LIST

January 2021

IT, MRP and SHOP FLOOR CONTROL

- Windows Servers and IT Infrastructure certified to IPC-1791 incorporating NIST-800-171
- E2-Shoptech ERP Production Control Software

CAD/CAM

- Windows Workstation with CAM Software Pentalogix Current Generation, and Autodesk AutoCAD software
- Barco Systems Crescent/30 Laser Photoplotter

PHOTO and IMAGE

- Miva 2000L LED Direct Imaging System
- DuPont LC-2400 Dry Film Laminator
- Colight 1530 5 KW Exposure System
- Circuit Services VCM Vertical Developer
- Colight Polymeric Panel Cleaner
- MTH Protector Film guard
- Multiline Optiline Film Punch
- Agfa Rapiline 660 Film Processor
- Microba Diazo Film Processor

LAMINATION, TOOLING

- OEM Computerized 4 Opening Vacuum press – 100 Ton-Full Vacuum
- Multiline Acculine Laminate Punch CAD/CAM Interface to CNC Controllers

DRILLING, ROUTING, V-SCORING

- Schmoll Modul Drilling System
- Excellon Uniline 2000 Driller
- Excellon Mark V CNC 6 Driller
- Excellon Mark IV Router
- Excellon XL-3 Driller-Router
- Excellon EX-200 Driller-Router CNC 6
- Barnaby V-score Machine
- Glenbrook RTX-113 X-Ray Inspection System
- Synrad FS201, 200 Watt, Sealed Class One Co2 Laser Trimmer/Driller.

PLATING, ETCHING, SURFACE FINISHES

- Electroless Patern Copper Line
- Emersion Silver Plating Line
- Tin Plating Line
- ENIG Nickel & Gold Plating Line
- Electrolytic Deep Nickel & Gold Line Type III Grade "A" (Soft)
- Wire Bondable Deep Nickel & Gold Line Grade "C" (Hard)
- Universal Alkaline Etcher
- Research Industries Infrared Reflow
- Gyrex 810 HASL System
- Fluoroetch Teflon Etch Line
- Somaca Scrubber w/500 psi Rinse

SOLDER MASK VIA FILL and LEGEND

- MASS VHF20/SV200/ES10 Via Fill System
- Conductive and non-conductive via fill pastes
- Liquid Photoimageable Soldermask
- Thermal Cure SR 1000 Epoxy Inks
- Grieve LPI cure oven SB-550

QUALITY ASSURANCE and VERIFICATION

- Comprehensive Chemical & Analytical Lab
- P-E 372 AA Spectrophotometer
- MTS T5001 Tensile Tester
- Milton Roy 401 Spectrophotometer
- Vision TS4 Stereo Dynascope
- Buehler Ecomet IV X-section Auto Polisher
- Olympus PME Metallurgical Microscope
- Hitachi X-Strata 920 Plating Thickness Syst.
- Fischer System Coating Thickness Computer
- Vision Lynx Stereo Dynascopes
- Caltex LX100-HD Scopes
- Micro-Vu Excel Automated CMM
- Micro-Vu V-16 Manual CMM
- Zemetrix ST200 TDR Impedance Tester

BARE BOARD ELECTRICAL TEST

- Circuit Line Precise FP-7 Flying Probe Tester