

Dennis K. Wills

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Job Store Staffing *Temporary placement, Production Technician Lafayette, CO 5/2023-8/2023*

Performed standard assembly, pre-assembly units, assisted in quality control, visual and measurement inspection, operated CMM.

Front Range Timber *Senior Sales Associate, Broomfield, CO 10/2020-2/2023*

Assisted customers in the purchase of reclaimed wood for use in flooring, shelving, walls, furniture, and art projects. Contributed input and design ideas for product use to help customer realize end goals. Fulfilled orders for customer delivery. Prepared wood for end use using typical wood shop equipment including band saw, table saw, beam saw, sanders.

MultiSource *Manufacturing Assembly, Lafayette, CO 6/2015-4/2018*

Medical equipment manufacturing and assembly in metal and plastic. Assembly and sub assembly of parts. Set LEDs and photo diodes, potting and ribbon wiring. Quality control inspection to print including cosmetic surface finish and measurement specs. Laser marking using laser engraver. Tumbling, bead blast, cleaning of product. Prepared final parts for shipping. Assisted in shipping and receiving. Maintained equipment. ISO certified shop. Received Certification of cable and harness. Class 3 requirements, IPC/WHMA-A0620.

Hirsh Precision *Machine Operator, Boulder, CO 9/2012-2/2015*

Load and measure parts using: Brother TC-32BN, Tsugami FMA3, and various Okuma CNC machines. Measure parts to ensure they are within required tolerances. Set up various CNC jobs for specific parts. Work primarily with metal and plastic

Research Electro Optics *Staff Optical Fabricator, Boulder, CO 12/2008-10/2011*

Performed optical fabrication processes including: beveling, blocking, grinding, milling, and edging on infrared and visible optics (ISO 9000, ITAR)

Coherent Incorporated *Senior Optical Technician, Auburn, CA 11/1988-6/1992, 1/1998-11/2002, 4/2004-11/2008*

Performed optical fabrication processes including: beveling, blocking, contacting, core-drilling, grinding, milling, and polishing on infrared materials. Was responsible for monitoring and tracking a specific high-priority job; regularly performed research and development processes on new product lines of infrared materials (ISO 9000, ITAR)

Carpenter Advanced Ceramics *Machinist Hard-grind/Soft-grind, Auburn, CA 9/2003-4/2004*

As a machinist worked to blueprint on pre-fired and fired industrial ceramic parts; operated the centerless grinder, surface grinders, Bridgeport mill, and various other fabricating machines.

SKILLS: Fabrication abilities in CaF₂, ZnSe, ZnS, GaAs Ge, AMTIR, As₂S₃, Si, metal, plastic, and wood; blueprint reading; measuring with many precise hand tools; ability to streamline production processes. Sales and customer service.

