**William “dusty” Berger**

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[**wdberg@rocketmail.com**](mailto:wdberg@rocketmail.com) **/ 215-353-3643**

**Attributes:**

* Industrial Electrical Control Panel Builder / Fabricator / Machine Shop Qualified
* Shop Manager, Foreman, Lead Electrician, Calibration, QA Inspector, Instructor
* Proofreading schematics, red line revisions, ladder logics, elementary diagrams
* Writer of interactive manuals on electrical & mechanical maintenance procedures
* Calibration, instrumentation & flow controls, program downloads HMI, VFD, PLC
* Private short or long term contracting work available if required.

**Objectives:**

***Curranty seeking for an employer that can utilize skills & experiences. As I have attributes in professional trades, majority of experience is erecting/building & wiring industrial control panels. I am fluent in testing, able to perform completed enclosures efficiently with extreme detail. Work well independently & within multi-cultured environment.***

**Work History:**

02/2017 – present **Installation Supervisor/Estimator & Proposals** at: *NTR Industrial Solutions Wyomissing, PA* (temp part time contractor) Responsibilities consist of: Proposals, presentation & job estimates, parts labor cost research preparation, scheduling scope of work including supervision of installations. All work in accordance with NEC/UL listings & local municipalities.

(seeking permanent full-time employment)

08/2016 – 11/2016 **Operations Manager** at: *Superior Tube (Ametek Co.)* *Collegeville, PA*

(temp assignment as needed – Union Shop) Responsible for 3rd shift production 29 production Operators, Test Technicians, Maintenance Mechs., & Electrical Maintenance Techs. Manufacturing certified spec., roll steel procession tubing, from stainless steel to titanium. Perform nightly updated production reports. CMMS, ERP & MRP software. Production increased by 7% within my short stay.

(assignment canceled, original manager returned from disability)

May 2014 – July 2016 **Control Shop Lead / Controls Shop Inspector**

*For: NCC Automated Systems Souderton, PA.* Responsible for all electrical production builds (state of the art) custom conveyors to electrical enclosure builds including bid outsourcing, & budgeting. Also responsible for engineering print revisions, organizing, pre-planning ordering parts, synchronizing production build strategies while leading, instructing & managing subcontractors on directives. Directed & managed up to twelve techs in a fast-paced multi-job environment, producing company’s highest production and profit in 30-year history in 2015. 24VDC, 120VAC, 208 & 480V 3 phase power, NEC-79 & UL508a certifications. (down sized, lay off)

Jan 2013 – Dec 2013 **Lead Industrial Control Panel Builder/Electrician/Estimator**

*for: (EDB) Electrical Design Build Harleysville, PA* (1-year contract)

Responsible for 8 NEMA/4 large 3 phase enclosures/backpanels layout re-construction & wiring contracted by Kinder/Morgan that were destroyed from hurricane Sandy. Responsibilities increased as print updates requiring upgrades, parts, labor cost research, & scheduling. All work performed within NEC, NEMA, CSA & UL508a, 24VDC, 120/220V, and 480V 3ph voltages. (contract ended)

June 2012 **Industrial Control Panel Builder/Electrician** at*: PennTech Machinery Ivyland, PA*

(6-month contract) General duties are construction of NEMA class 4 enclosures for pharmaceutical machines consisting of terminal blocks, wireway (Panduit) PLC, VFD, HMI, power supplies, transformers implementing detailed wiring. All work performed in accordance with NFPA/NEC & UL508a protocols. 24VDC 480V 3 ph. ISO, NEC/UL508a, FDA GMP, SOP. (contract ended)

2008-2011 **Electrical Panel Builder/Electronics Tech Cell Lead** at: *Accu-Sort Systems Telford, PA* Job duties consist of set building medium to large industrial control panels, drill, punch, layout backpanels for wireway, PLC’s, VFD’s, HMI’s, power supplies, terminal blocks, relay’s, main disconnect, & distribution blocks. All work performed with extreme aesthetics. As jobs change rapidly was offered a Cell Lead position building cameras & lasers, Single technician operation responsible for highest production with no failures, Lean Kaizen certification. 24VDC, 120VAC to 480VAC 3ph, UL508a/NEC 79, CSA. (Lay off, product line discontinued)

2007-2008 **Technical Writer/Developer** for*: TTS Technical Transfer Services, Tampa, FL*

(1-year contract)in charge of writing electrical & mechanical maintenance interactive procedures into interactive manuals for US Postal Service state of art Mail Sorting Machines. All work sanctioned by Northrop Grumman. NEC/UL508a from 24VDC to 480VAC 3ph (travel increased 50%, gave notice re-locating back to PA)

2006-2007 **Electrical Panel Builder** for: *Best Controls/L3 Communications St. Petersburg, FL* (1-year contract). Daily activity consists of building & wiring industrial control panels: AC/DC power supplies touch screen monitors, VFD including programming, PLC basic program downloads. All work performed at high quality. NEC, ANSI, UL508a. (contract ended)

2004-2006 **Electrician Test Technician** for: Trilectron/ITW Corp. Military Aircraft Ground Support Mfg. Palmetto, FL (below jobs under same contractor). Responsible for: rebuild, upgrade electrical control panels, & electronic motherboards, power supplies for Naval Submarines. Troubleshoot and test newly manufactured US Air Force GSE/PAO Cart for F-22 Raptor in accordance with Lockheed Martin, written procedures, in unison with USAF/USN standards and regulations. 24VDC/208DC/400Hz.

**Electrician, Custom Controls Panel Shop** at: *TAW Tampa Armature**Works Tampa, FL*

Scope of duties, production building & detailed wiring of custom industrial control panels from electrical CADD prints/ladder logic diagrams for US Army, commercial aviation & Disney Monorail. 24VAC/DC, 120VAC to 480VAC 3ph NEC, NEMA, UL508A. (multi-year contract ended)

2002-2004 **Electrician & Electronic/Instrumentation Tech** at: *Cargill/Mosaic**Green Bay Plant South Mulberry, FL (Cargill merged with competitor renamed Mosaic, Green Bay closed one year later)*

Contractor to Employee. Daily performance varies from preventive maintenance on all plant electric to setting calibrations & scheduled maintenance on process flow controls, instruments and installation and wiring of motors, starters and frequency drives. (plant closed)

1997-2000 **Electrician Maintenance Tech** at: *Fresenius Medical Care Delran, NJ*

Full time contractor as needed for a reverse osmosis filtration pure water facility for kidney dialysis machines. Wrote a 12-step preventive maintenance program using ISO/FDA guidelines for production machinery & set procedures in calibrations. Responsible for Fleet maintenance to backup generator installation, fire & security systems. Led safety team in set safety practices. 24VDC, 120VAC/480VAC 3ph, NEC, UL, NEC, FDA, NIST. (gave two-week notice, moving to FL)

1993-1996 **Electrician/Control Panel Builder** for: *Drever Industrial Furnaces Huntington Valley, PA*

Set up control shop production, incorporated wall mounted wire reels to lean manufacturing protocols. Duties range from wiring controls panels using ladder prints & schematics to customer installed and touch screens. PLCs, VFDs, Ct’s, timers, built stop start stations to four door enclosures with extreme detail. Punch, paint, install, wire, troubleshoot and test. NEC, ANSI, NEMA, CSA, and UL listings. (Closed shop & transferred overseas)

1985-1995 **Journeyman Specialist/Supervisor/Instructor** for: *Dynalectron/DynCorp Aerospace Operations Division, Naval Air Warfare Center NADC/NAWC/DOD/U.S. Navy Warminster, PA.* Responsible for preventive maintenance on 127 pieces of Navy Ground Support Equipment supporting FA/18 Hornet, F/14A+ Tomcat, A-7 Corsair II, T2 Buckeye, Orion P-3 fix wing aircrafts & CH-53 helicopters on 127 pieces of equipment. Hydraulic, pneumatic, electrical, electronic, mechanical, combustion engines, turbine jet engines, HVAC, diesels engines including back up power generators. Received Navel commendation for outstanding safety between Naval & Civilian personal 3 consecutive years. (Base closed)

**Education:**

2011 - **Kizan** Continuous Improvements

2011 - **Kanban** Lean Manufacturing (Certificate each course)

2008 - **Astoria/Arbortex Editor**

*CMS Training TTS Tampa, FL* (Certification)

2004 - **MCEmax** – AC Motor Analyzing using laptop computer

*PdMA Corp Tampa, FL* (Certificate)

2003 - **TPC Training Systems** – Electronic Process Control Instrumentation

*Cargill Corp Mulberry, FL* (Certificate for each of 12 courses)

2002 – **PLC Programming 101** - Allen Bradley SLC – 500 PLC Windows 2000 Rockwell RS

*MBIT, Jamison, PA* (Certificate)

2001 - **Tablet Compression Machine Set up/Calibration**

*Manistee Engineering, Philadelphia, PA* (Certificate)

1995 - **Advanced Electrical XI - XV** (900 hrs.) *Major: Electrical Engineering*

*CHI Institute Southampton, PA* (Associates)

1994 - **Registry Master Electrician #3041**

*Cheltenham Township, PA* (License)

**Management Development Program**

*NADC/NAWC/US Navy Warminster, PA* (Associates)

**Calibration Transmation 1091 / Altek 422**

*NADC/US Navy Warminster, PA* (Certification)

**Diesel Locomotive & Airbrake School**

*Reading Railroad, Reading, PA* (Certification)

**Mechanical Drafting & Design I – XII** (900 hrs.)

*MBAVTS Jamison, PA* (Associates)

**William Tennent High School**

*Warminster, PA* (Diploma)

**Computer Formats:**

Arbortex - Writers Format CADSTAR Office Windows

AutoCAD - Elect. & Mech. CMS Office Word

Autodesk - Design Review Excel Oracle

***If interested, have a USB thumb drive comprising of photos of industrial control panel builds (personally built), pre- & post production stages. Able to present at interview if desired.***

*Appreciate your time, looking forward to speaking with you soon.*

*William “dusty” Berger*

***(last page: references)***

**Job Related Professional References effective 01/2017**

***Dean Reppolts***(Project Manager) at: NTR Industrial Solutions **215-863-7231**

***Todd Milborne*** (Engineering Manager) at: NCC Automated Systems **215-721-1900**

***Steve Gilkey*** (Electrical Engineer) at: NCC Automated Systems **267-218-4736**

***Chris Benton*** (Project Manager) NCC Automated Systems **215-721-1900**

***Dave Kruzak*** (Operations Manager / Safety Officer) at: EDB **267-644-6250**

Regards,

William “dusty” Berger

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