

JOSHUA A. DEHAVEN

PROFILE

13+ years of world-wide field, fabricator and training specialist experience working with custom defense/aerospace HVAC systems. With proven ability to work efficiently under pressure during fast-paced operations in both team and individual settings to achieve results. Dynamic technical trainer in both the classroom and hands-on learning environments. Well versed in Microsoft Office Suite.

WORK HISTORY

Advanced Cooling Technologies (ACT) March 2021 - Present

SENIOR TECHNICIAN

- Tekgard Inc. was acquired by ACT in March 2021, job duties and responsibilities have not changed. However, my job title was changed in a business restructure.

Tekgard, Inc. October 2008 – March 2021

FIELD SERVICE REPRESENTATIVE AND TECHNICAL TRAINER 2019-2021

- Assumed previous role of Field Service Representative and Technical Trainer due to a business restructure. Responsible for developing repair/reset bill of materials and technical instructions. Repair field and in-house specialized HVAC systems from several different manufactures.

SUPERVISOR OF LABS AND FIELD SERVICE 2018-2019

- Promoted to Supervisor of Labs and Field Service. Managing employees that operate HVAC test labs to ensure quality. Responsible for scheduling all in-house and field service operations.

SUPERVISOR OF PROTOTYPES AND FIELD SERVICE 2017-2018

- Promoted to Supervisor of Prototypes and Field Service. Managing employees for R&D projects as well as new design builds. Responsible for scheduling service trips and customer support.

FIELD SERVICE REPRESENTATIVE 2016-2017

- Promoted to Lead Field Service Representative and Technical Trainer. Spearheads the troubleshooting, repairing, and installation of Tekgard equipment. Conducts mobile and in-house training courses to customer equipment technicians for both Tekgard and other OEM HVAC equipment. Frequently travels on short notice to CONUS and OCONUS DOD installations for support missions.

MECHANICAL PROTOTYPE TECHNICIAN 2015-2016

- Promoted to Mechanical Prototype Technician. Constructed specialized units and assisted the engineering department on R&D projects. Frequently fabricated parts and assemblies from raw material to be used in the design of new units.

PRODUCTION LAB TESTING TECHNICIAN 2011-2015

- Promoted to Production Lab Testing Technician. In charge of operating various test labs that simulate extreme environment conditions that both prototype and new production units must meet. Recorded, compiled, and processed raw performance data to be used for unit design upgrades. Learned every function of HVAC units in detail to include both the electrical and refrigeration systems.

MECHANICAL ASSEMBLER 2008-2011

- 2008: Hired onboard as a Mechanical Assembler/ Tubing Brazier. Constructed new production HVAC environmental control and chiller units.

OTHER

- Member of the Safety Committee

- Member of the Special Events Committee

SKILLS

- Expert in installing and troubleshooting heating, air conditioning, glycol circuit, and refrigeration systems, both in-house and at customer/end user locations.
- Exceptional knowledge of providing technical assistance with design and implementation of specialty HVAC systems.
- Generates technical documentation for operation, maintenance, repair, and spare parts for individual components and at a systems level.
- Proficient in reading refrigeration, plumbing, and electrical schematics. Exceptional in troubleshooting electromechanical faults including PLC/ladder logic related faults.
- Advanced knowledge in the construction of both electrical and refrigeration components in relation to specialized/custom HVAC system design.
- Coordinates and executes frequent service support missions to DOD installations both CONUS and OCONUS.
- Develops and conducts custom HVAC courses of instruction specific to customer needs.
- Expert in remote troubleshooting with customers or on-site representatives. Always “on call” for customer demands.
- Master in repairing/rebuilding/retrofitting existing specialty HVAC systems, both in-house and at customer locations.

EDUCATION

BS IN OPERATIONS MANAGEMENT, SOUTHERN NEW HAMPSHIRE UNIVERSITY

Manchester, New Hampshire (Online Student)

Anticipated Graduation 2024

HVAC CERTIFICATION PROGRAM, YORK COUNTY SCHOOL OF TECHNOLOGY

York, Pennsylvania

Graduated 2014

RED LION AREA SENIOR HIGH SCHOOL

Red Lion, Pennsylvania

Graduated 2008

PROFESSIONAL DEVELOPMENT

CERTIFICATIONS AND TRAINING

Mainstream Engineering: EPA 608 Type 1 & 2, EPA 609 MVAC, PM Technician, IAQ, PM, Green, 410A

Braze: Copper to Copper, Copper to Brass, Copper to 316 Stainless Steel, 316 Stainless Steel to 316 Stainless Steel

Other: Industrial Controls, IPC-620 Specialist, Forklift Operator, First Aid/AED, Bloodborne Pathogens, Level 1 Antiterrorism Awareness Training

Welding: Mig-Mild Steel, Tig-Aluminum & Stainless Steel, Arc-Mild Steel

REFERENCES

CLIFFORD GORDON

Technical Instruction/Customer Service Lead, Tekgard Inc.

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TJ CALLERI

HVAC Service Technician, Fidelity Engineering

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