



Kendrick Benford, Lead Mechanical Cx

Professional Profile

Dynamic and results-driven Mechanical Commissioning Manager with international experience leading complex, hyperscale data center projects across North America and Europe. Proven expertise in end-to-end mechanical system commissioning, including chilled water systems, air handling units, CRAH/CRAC units, fuel systems, and BMS integration. Adept at coordinating multidisciplinary teams, validating design and installation quality, and ensuring compliance with Owner's Project Requirements (OPR) and industry standards. Combines a disciplined U.S. Marine Corps background with technical precision, leadership, and a commitment to reliability and uptime excellence.

PROJECTS

- **HYPERSCALE DATA CENTERS (EUROPE & NORTH AMERICA):** Directed commissioning across nine global sites, executing mechanical system testing, performance validation, and controls integration for major clients.
- **COMMERCIAL HVAC OPTIMIZATION PROJECTS (TEXAS):** Delivered energy-efficient design consultation and system commissioning for multiple commercial builds, improving operational performance and cost compliance.
- **GLOBAL MISSION-CRITICAL FACILITIES:** Supported integrated systems testing (IST), QA/QC documentation, and closeout deliverables in coordination with client, contractor, and vendor teams.

EXPERIENCE

TRACE TECH COMMISSIONING - REMOTE / INTERNATIONAL

2024 – PRESENT

Commissioning Manager

Mechanical Commissioning Engineer (CxA, CxE, CxV, CxPM) with a proven record of delivering hyperscale mission-critical data center projects across six countries, including the U.S. and Europe. Skilled in leading the full commissioning lifecycle from design validation through turnover, Kendrick brings deep technical expertise in mechanical systems and cross-discipline coordination that ensures operational reliability and uptime performance.

- Directed commissioning for nine global data center projects, managing mechanical, electrical, and controls teams through testing and turnover.
- Specialized in chillers, air handlers, CRAH/CRAC systems, fuel systems, and BMS integration.
- Oversaw development of commissioning plans, test scripts, and system readiness procedures to meet OPR and BOD standards.
- Ensured on-schedule delivery through precise documentation, vendor coordination, and client communication.
- Proficient in electrical commissioning of generators, UPS, ATS, LV/MV boards, and related critical systems.

TRACE TECH COMMISSIONING - REMOTE / INTERNATIONAL

2023 – PRESENT

Mechanical Commissioning Engineer

supporting hyperscale mission-critical data center projects across six countries, including the U.S., Canada, France, Germany, the U.K., and Ireland. Leads full mechanical commissioning lifecycles—executing system verification, performance testing, and documentation to ensure reliability, efficiency, and compliance with owner and design standards.

- Delivered end-to-end commissioning across nine hyperscale facilities, from design validation to client turnover.

PACHYDERM GLOBAL

CRITICAL INFRASTRUCTURE SERVICES

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- Conducted mechanical systems testing, troubleshooting, and functional verification of chillers, pumps, CRAH/CRAC units, AHUs, and fuel systems.
- Oversaw Building Management System (BMS) integration and validation for operational readiness and performance.
- Reviewed sequences of operation, verified installation quality, and led client-witnessed functional testing and turnover documentation.
- Supported electrical commissioning efforts, including generators, UPS, ATS, LV/MV boards, and proprietary power distribution systems.

HVAC BUDGET SERVICES (CONTRACT) - TEXAS, USA

2024 – PRESENT

Commercial HVAC Consultant

Provided expert HVAC design review and commissioning consultation for commercial facilities across Texas. Focused on optimizing system performance, ensuring compliance with energy standards, and meeting contractual and design intent requirements.

- Delivered HVAC system commissioning and design validation for multiple commercial projects.
- Ensured alignment with mechanical design intent, energy efficiency targets, and local code compliance.
- Collaborated with contractors and project engineers to resolve design or performance discrepancies.
- Supported commissioning documentation and test procedures to verify system functionality and reliability.

UNITED STATES MARINE CORPS

2018 – 2023

Amphibious Assault Crewman

Served as an Assault Amphibious Vehicle (AAV) Crewman responsible for ship-to-shore troop transport and land combat operations. Ensured mission readiness through disciplined maintenance, safety enforcement, and technical precision under high-pressure conditions.

- Operated and maintained Amphibious Assault Vehicles (AAVs) for combat and transport missions.
- Performed preventive and corrective maintenance, pre-combat inspections, and readiness testing.
- Executed tactical maneuvers in complex amphibious environments ensuring operational efficiency and safety.
- Trained in UGWS gunnery operations (MK19 40mm Automatic Grenade Launcher and .50 Cal M2 Machine Gun).
- Developed strong leadership, teamwork, and situational awareness under demanding field conditions.

CORE COMPONENTS

MECHANICAL COMMISSIONING MANAGEMENT | DATA CENTER INFRASTRUCTURE | HVAC SYSTEMS OPTIMIZATION | CONTROLS & BMS INTEGRATION | FUNCTIONAL & INTEGRATED SYSTEMS TESTING (FPT/IST) | QUALITY ASSURANCE & DOCUMENTATION | TEAM SUPERVISION | REGULATORY COMPLIANCE | CLIENT & VENDOR COORDINATION | ENGINEERING DESIGN REVIEW | RISK & SAFETY MANAGEMENT

SPECIALIZED TRAINING

MECHANICAL COMMISSIONING BEST PRACTICES | HVAC SYSTEM DIAGNOSTICS | BMS & CONTROLS VERIFICATION | DATA CENTER SAFETY & COMPLIANCE | LEADERSHIP & TACTICAL OPERATIONS (USMC) | PMP

SOFTWARE EXPERIENCE

PROCORE | BLUEBEAM | MS PROJECT | AUTOCAD | REVIT | EXCEL | PRIMAVERA P6 | CMIC (EXPOSURE)



Education

GOOGLE

(IN PROGRESS)

- Project Management Professional

UNIVERSITY OF BUFFALO

- Energy, Production, Distribution & Safety
- Electric Power Systems

CONTACT

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