

Capability Statement

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Innovative Motion Control and Fluid Handling Products and Solutions



RG Group

650 North State Street
York, Pennsylvania 17403

CAGE Code: 14775

DUNS: 150748895

NAICS: 423830 333995 333996
332912 541330

OCRA Online Reps and Cert Application

CCR Central Contractor Registration

ITAR Registered: M27110

SBA: P0263272

TIN/EIN: 232170263

SIC: 5084, 5085

ISO 9001: 2015

FAR / DFAR Compliant

SAM Registered

DIBBS Registered



IFPS:

Certified Hydraulic, Pneumatic
and Connector Specialists

Certified Fluid Power Engineers

Equal Opportunity

Affirmative Action

Made in America



**Veteran-Owned Small Business with over 60 years of experience
in Defense, Marine, Energy, Industrial and Government markets**

The RG Group specializes in:

- **Motion Control Solutions** for **Hydraulic, Pneumatic, Electromechanical,** and **Robotic** Applications
- **Engineering** for R&D, Prototyping, Design and Manufacturing of Turn-Key Systems
- **Custom Test Stands** and Specialized Industrial Equipment

Our other capabilities include:

- **System Modeling and Testing:** AutoCAD and 3D Automation Studio for dynamic and static system performance / Solid Works
- **Project Management:** Project Management Professionals provide experienced leadership to consistently complete projects on time and within budget
- **Installation, Commissioning, Training:** Experienced field engineers provide on-site worldwide installation and professional training

Facilities and Equipment:

- 45,000 sq. ft. of manufacturing, distribution and engineering space
- 2 full-length 10-ton overhead cranes
- 5 large assembly bays
- Ventilated welding booth
- Heat/humidity controlled paint booth
- Structural metal fabrication area

Engineering Department:

- ABET Mechanical and Electrical Engineers with 20+ years of proven experience
- Certified Six Sigma Black Belts
- Industrial Electronics Technicians
- Journeyman Machinists
- Certified AWS/ASME Welders and Inspectors

Past Performance (all projects current as of 2020):

- **Electro-Magnetic Aircraft Launch System (EMALS) Hydraulic Power Unit:** Designed, manufactured and upgraded multiple build-to-spec HPUs to supply pressure for the Nose Gear Launch (NGL) System. Additionally, the project included design and fabrication of the Bench Test Loop Manifold with First Article Testing for all future Navy Aircraft Carriers.
- **Hydraulic Power Units for Gerald Ford Class (CVN-78) Steam Valve:** Engineered and manufactured 4 HPUs to operate the main Engine Steam Valve on US Navy's Gerald Ford Class Aircraft Carrier. The system was designed to meet strict performance requirements in shock and vibration scenarios, eliminating EMI interference and will be installed on the future John F. Kennedy (CVN-79).
- **High Capacity Along-side Sea Base Sustainment (HiCASS) Program:** Provided Office of Naval Research (ONR) a complete 1,000 HP Hydraulic System with a motion-compensating crane. System moves up to 7 feet vertically and in any multiple axes to keep the container aligned with the deck of the ship during all phases of ship-to-ship transfer, including operation in Sea State 4.

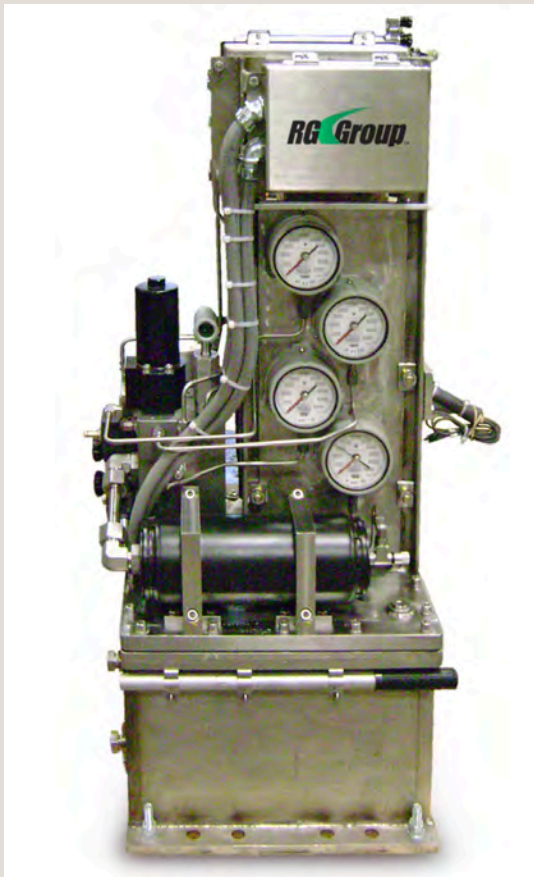
Past Performance



Customer: US Navy

Project: Designed and manufactured EMALS Hydraulic Power Units

P/N: 3988AS9901



Customer: US Navy

Project: Design and build Hydraulic Power Units for Gerald Ford Class (CVN-78) Steam Valve



Customer: US Navy

Project: Design and build High Capacity Along-side Sea Base Sustainment (HiCASS)