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## **PCCI HYPERBARIC SYSTEMS (PCCI)**

### **CORPORATE OVERVIEW, COMPANY CAPABILITIES, AND EXPERIENCE**

PCCI Hyperbaric Systems (PCCI) is a division of PCCI, Inc. solely dedicated to the design, engineering, fabrication, installation, maintenance and repair of hyperbaric chambers, hypobaric chambers, breathing simulators, medical airlocks for Tunnel Boring Machines (TBM), medical air locks, manlocks and related systems for commercial and Government clients. The PCCI division was established to serve the hyperbaric industry by acquiring the assets of Reimers Systems, Inc. and combining it with PCCI's existing hyperbaric systems experience supporting the U.S. Navy. This combined entity provides over 45 years of hyperbaric/hypobaric chambers design, fabrication, installation, and maintenance experience on over 200 monoplace and multiplace chambers.

Our Mission is to exceed industry standards, place occupant safety as our highest priority, demonstrate commitment to best practices, and build upon our globally recognized quality and value in the products and support systems we produce.

PCCI parent company, PCCI, Inc. began in 1977 providing marine and environmental engineering services to the U.S. Government. Incorporated in 1982, PCCI, Inc. is now recognized as leading firm in hyperbaric, ocean and environmental engineering with offices and project locations throughout the United States. Government agencies, healthcare providers, international lenders, oil companies, and commercial oil storage and transportation companies rely on PCCI for assistance with hyperbaric and hypobaric systems; environmental and regulatory compliance; ocean facility design, installation and repair; emergency response planning; training, drills and exercises; management of emergency response operations; pollution equipment procurement support; engineering, safety and pollution prevention during salvage operations; and risk assessment.

PCCI, Inc. has been providing hyperbaric, salvage and underwater ship husbandry engineering support services to NAVSEA for the past 30-years. We have been providing ocean engineering and ocean and waterfront facility installation support services to NAVFAC for the past 20 years. Our senior hyperbaric program managers and engineers have been supporting U.S. and foreign governments and commercial clients in the hyperbaric and hypobaric industries for over 20 years.

#### **PCCI's full spectrum of products includes:**

- Clinical grade multiplace hyperbaric chamber systems for the medical industry.
- Facility design, installation and start-up support services for monoplace hyperbaric chamber systems.
- Research chamber systems, including MRI compatible systems for research institutions.
- Equine or veterinary medicine hyperbaric chambers.
- Medical Airlock saturation systems and transport shuttles for the tunneling industry.

- Multiplace hypobaric chambers for aviation training.
- Monoplace chamber maintenance and refurbishment services.
- Personal Breathing Apparatus Testing System (PBATS) for functional testing of personal breathing apparatus.
- Oxygen and air ventilation systems for use with monoplace and multiplace chambers.
- Mobile Hyperbaric Oxygen (HBO) Trailer Systems for catering HBO services at multiple locations.
- Certified Pre-owned and refurbished hyperbaric chamber sales.

We provide our customers with solutions over the complete range of life cycle support including professional design and engineering services, inspections, maintenance, overhauls, certified pre-owned chambers, refurbishments and repairs.

PCCI products and services exceed the highest industry codes and standards for commercial diving, medical treatment, tunneling and Government applications, including (but not limited to):

- ASME PVHO-1, Safety Standards for Pressure Vessels for Human Occupancy.
- ASME PVHO-2, Safety Standard for Pressure Vessels for Human Occupancy: In-Service Guidelines.
- ASME Boiler and Pressure Vessel Codes, Section VIII, Division 1 & Division 2 for Pressure Vessels Design and fabrication.
- NFPA 99, Health Care Facilities Code, Chapter 14 (Hyperbaric Facilities).
- NFPA 13 Standard for Installation of Sprinkler Systems, Section 26.17 Healthcare Facilities Code, Class A Hyperbaric Chambers.
- NFPA 99B, Standard for Hypobaric Facilities.
- US FDA CFR 21, Part 820 Good Manufacturing Practices and guidelines of ISO 13484 and 9001 standards.
- Undersea and Hyperbaric Medical Society (UHMS) Corporate Member.

PCCI is recognized as global leader in hyperbaric, hypobaric, and breathing systems equipment development and servicing. With offices and project locations throughout the United States, we have ample resources to undertake multiple concurrent projects. PCCI parent, PCCI, Inc., has been providing life cycle contractor logistics support for U.S. Navy hyperbaric chamber systems to the Naval Sea Systems Command (NAVSEA) since 1989.

Relevant company information is provided below.

<b>Organization Name:</b>	<b>PCCI, Inc. dba PCCI Hyperbaric Systems</b>
<b>Mailing / Remittance Address:</b>	300 North Lee Street, #201 Alexandria, VA 22314
<b>Point of Contact / Title:</b>	Ramesh Dixit, PE - Hyperbaric Systems Division Head
<b>Office Phone Number:</b>	1-703-229-1016
<b>Point of Contact e-mail:</b>	<a href="mailto:rdixit@pccii.com">rdixit@pccii.com</a>

<b>CAGE Code</b>	3Y970
<b>DUNS Number</b>	016658080

### **PCCI Headquarters & PCCI Facility**

PCCI operates facilities throughout the United States and the world. Our headquarters is located in Alexandria, Virginia. Work at this location is supported by PCCI personnel located at other locations including: Williamsburg, Virginia; Ventura, California; Stuart, Florida; Anchorage, Alaska; and Pearl Harbor, Hawaii.

The PCCI production facility is also located in Alexandria, VA. Manufacturing facility is equipped with modern infrastructure required to support manufacturing of code complaint products, engineering and customer service team, servicing department, parts, and product storage.

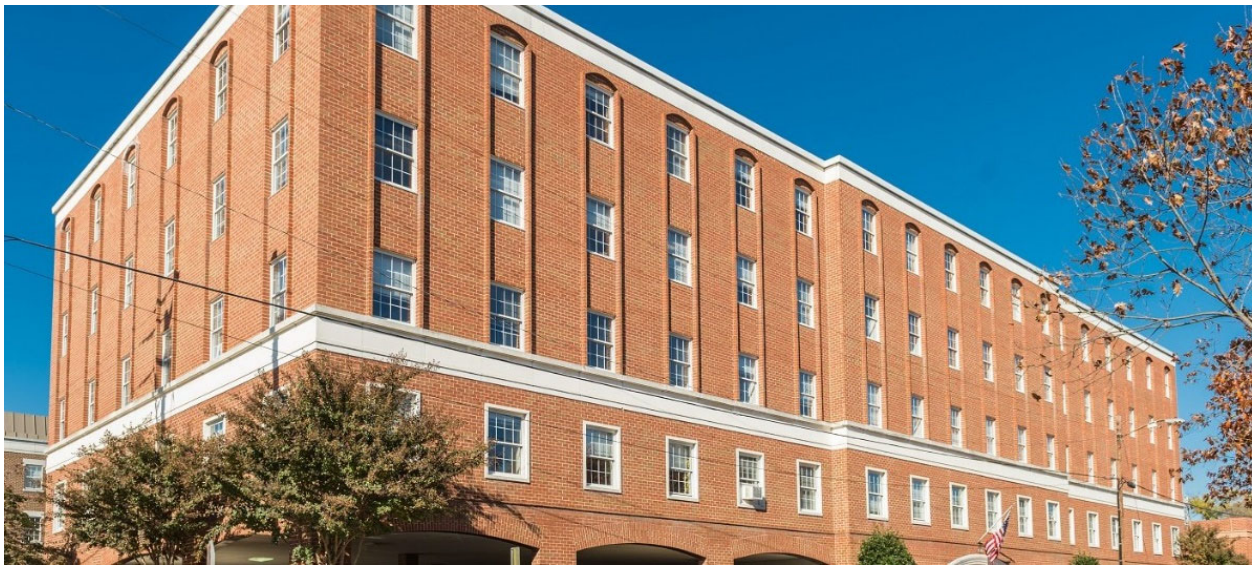


Figure 1. PCCI Headquarters – 300 North Lee Street, Suite 201, Alexandria, VA, 22314

### **PCCI & PCCI Organization**

The Organization Chart in Figure 2 shows the relationship of PCCI within PCCI, Inc. Our NAVSEA diver life support work is handled by Division 2 which relies on Division 1 and PCCI personnel for engineering and project management support.

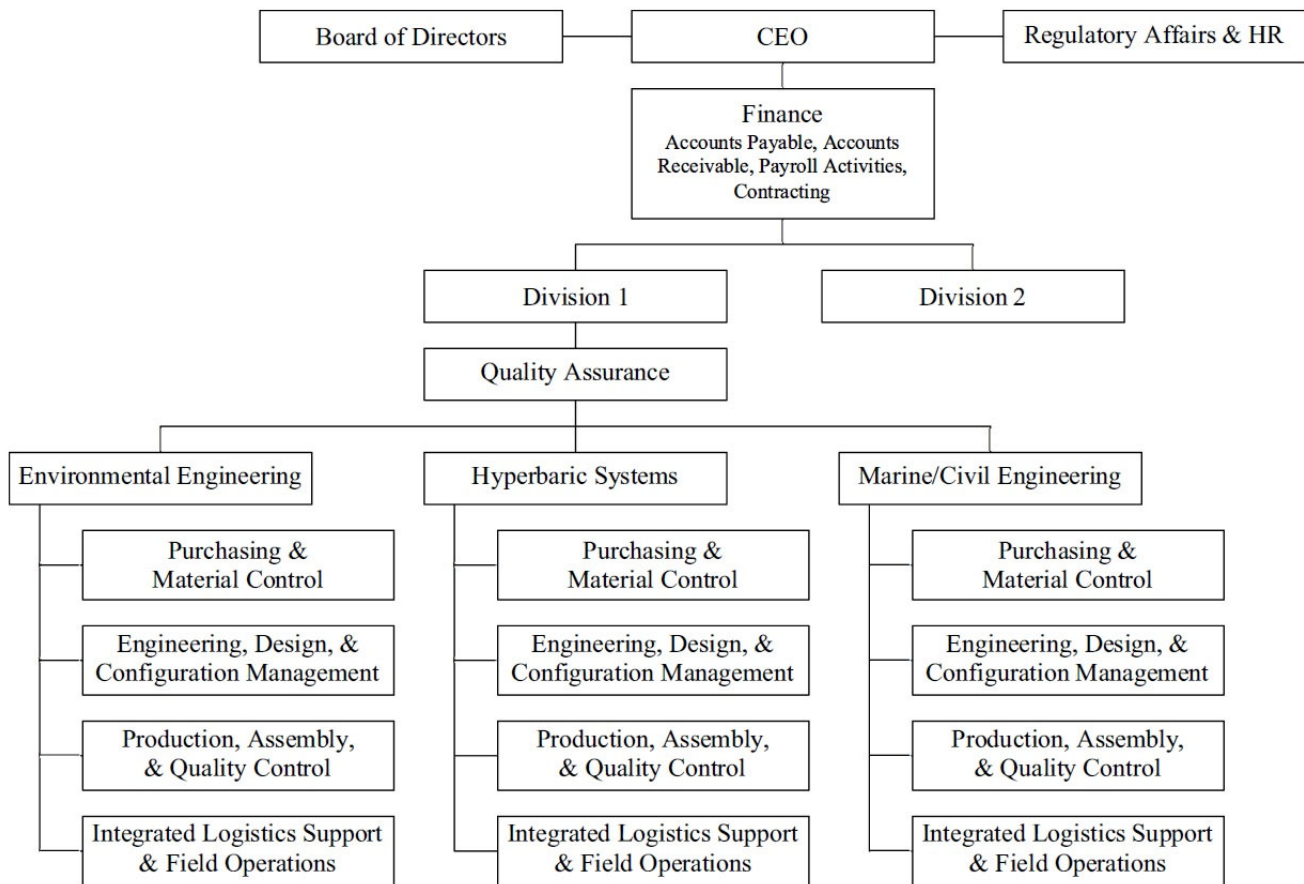


Figure 2. PCCI & Hyperbaric System Functional Organizational Chart

Ramesh Dixit, P.E., Head of PCCI Hyperbaric Systems reports directly to, and is supported by, PCCI's Chief Executive Officer. He is also supported by PCCI's Executive, Financial and Accounting, IT & Cyber Security, Contracting, Regulatory Affairs and Human Resources departments for PCCI routine business activities.

Ramesh Dixit has been an active member of the ASME Safety Code Committee on Pressure Vessels for Human Occupancy (which administers the ASME PVHO-1 Standard) for the past 17 years. He is currently serving as chairperson of the Tunneling Sub-committee of ASME PVHO, and is an active member of the Piping & Design, General Requirements, Medical Systems, Post Construction, Diving, and Viewports sub-committees. Mr. Dixit is also active member of the Technical Safety Committee of the Undersea Hyperbaric Medicine Society (UHMS).

Ramesh Dixit has also been appointed by the National Fire Protection Association (NFPA), to serve on the Committee on Hyperbaric and Hypobaric Facilities. Mr. Dixit provides technical knowledge and professional experience from his 22-years of work directly involved in the hyperbaric/hypobaric product and services industry. Ramesh guides NFPA's efforts to improve and revise their safety codes and standards while ensuring safeguards are in place for customers in the Hyperbaric industry.



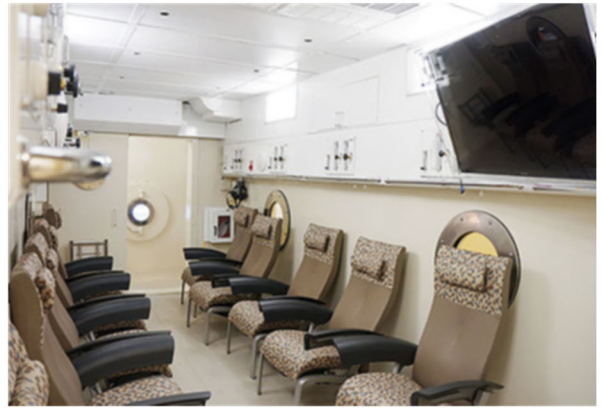
## Key Multiplace Chambers Product Highlights:



**PCCI 12000 Series – 3 Lock – 10 ft Diameter – 6 ATA Working Pressure - 19 to 25 patients with up to 5 attendants installed at Virginia Mason Medical Center, Seattle, WA**



**PCCI 9600 Series – Dual Lock – Cylindrical – 6 ATA Working Pressure – Rated for 12 patients and upto 3 attendants, installed at Conroe Medical Center, Dallas, TX**



**PCCI 9600R Series – Dual Lock – Rectangular – 6 ATA Working Pressure – Rated for 12 patients and upto 3 attendants, installed at University of Michigan, Ann Arbor, MI**

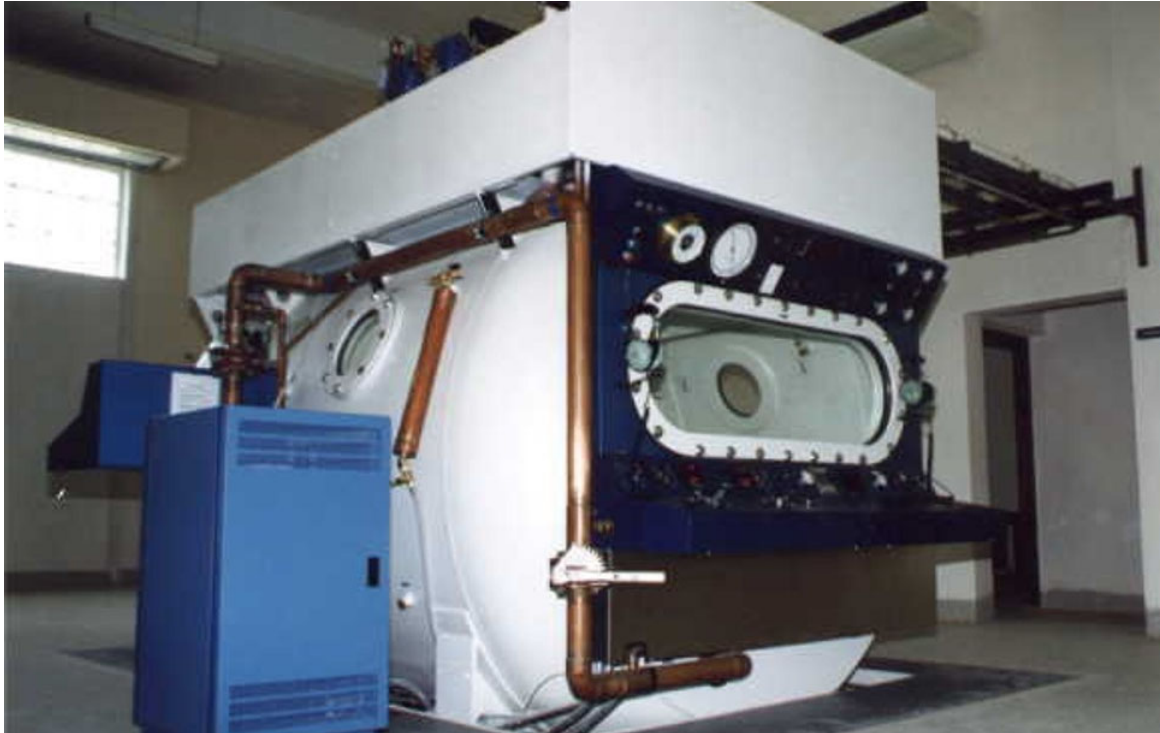


**PCCI 7200 Series – Dual Lock – 6 ATA Working Pressure – Rated for 10 patients and upto 2 attendants, installed at Oxygen Oasis Clinical Hyperbaric Facility in Allen Town, Pennsylvania**

## **Altitude Chamber Systems:**



**PCCI ATR-12 Series – Dual Lock – Altitude Chamber – Rated for 10 patients and upto 2 attendants, installed at University of North Dakota, ND**



**PCCI Model ATR-6 (cylindrical), Aviation Training Altitude Chamber, Dual Compartment, installed at Bangladesh Air Force base in Dhaka, Bangladesh**



## Chambers for Diving Applications:



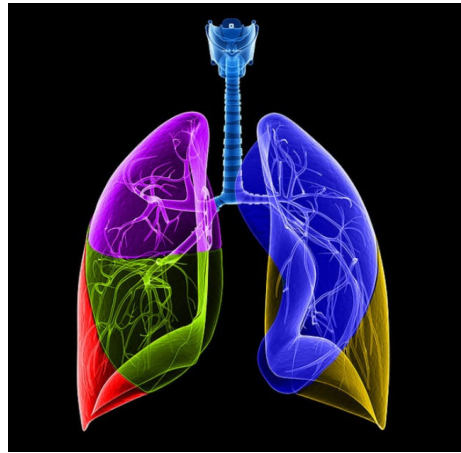
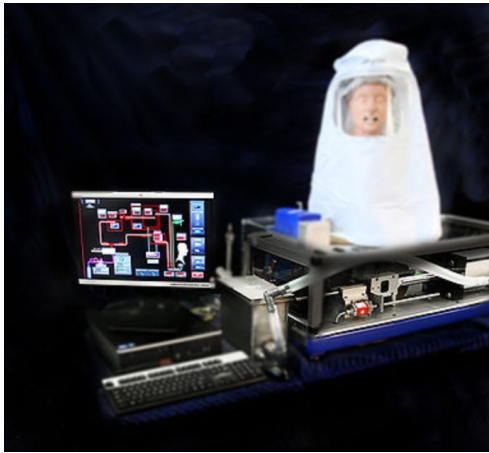
PCCI - Diving Transportable Recompression Chamber for US Navy use

## Multiplace Chambers for Tunneling Applications:





## Personal Breathing Apparatus Testing (PBATS) Machine:



## Mobile Hyperbaric Treatment Systems:





**Model 32-Mono-Tr and 32 and 48-Foot Mobile Hyperbaric Trailer Systems**

## **Test and Research Chambers:**

