



PAMI is committed to continuous improvements. We're passionate about machines and our goal is to create efficiencies, find solutions and provide insight by studying, designing, building and testing machines and their components in real world situations. We are able to offer our clients access to valuable testing and benchmarking equipment including our Off Road Test Track, Cold Chamber, used for extreme temperature testing, our MTS force-simulation test equipment, which includes a multi-axial simulation table (MAST) and a Heavy-Duty Vehicle Performance Testing Center. Our broad mechanical engineering expertise provides an exceptional output for research.

## COMPONENTS & PERFORMANCE TESTING

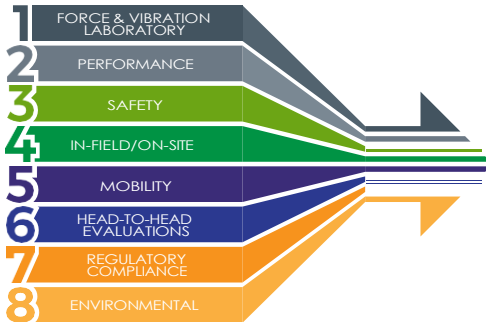
Testing forms the hub of PAMI's capability and enables experimentation, engineering development, and in-field service support for mechanical components, sub systems, machines, and vehicles:

- Design Validation
- Drivetrain Performance
- RAMD
- System Installation Validation
- SOR Requirements
- Comparative Analysis of Competing Mechanical Components and Systems
- Integrated Field and Lab Data Collection with Modelling and Event Simulation



## KEY TEST EQUIPMENT ASSETS

PAMI has over 49 years of testing and evaluation experience. A combination of trained personnel coupled with specialized equipment enables PAMI to accurately collect and analyze data. PAMI has over 100,000 square feet of facility space to perform laboratory testing, as well as over 100 acres for off-road test track.

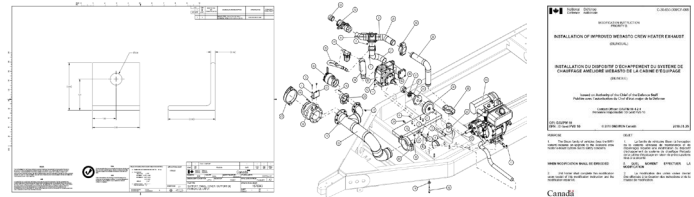


INDEPENDENT  
THIRD-PARTY  
TESTING



## DOCUMENTATION CAPABILITIES & IP RIGHTS

**All intellectual property (IP) generated during contracted projects is owned by the client.** PAMI has the capability to produce technical documents in DND format and work directly with DSCC. PAMI's experience includes developing bilingual operator, part, modification, and maintenance manuals as well as Level III technical drawings.



## RESEARCH, DESIGN, BUILD, TEST



**Research,** technology and market assessments, engineering, and economic analysis.



Technology development, engineering **design**, fabrication processes and materials selection, design of components, machines, and process lines. Design of fluid power and electrical systems, including controls and programming.



Complete fabrication capabilities to **build** components, machines, and process lines. Specialized in test apparatuses and associated instrumentation, controls, cables and harnesses.



**Test** components and systems for function, performance, and durability. Testing performed in realistic conditions, no matter how harsh or challenging the