

FORENSIC ENGINEERING LAB

- ◆ Non-Destructive Testing (NDT)
- ◆ Destructive Testing (DT)
- ◆ Performance Testing
- ◆ Certification
- ◆ Origin and Cause Investigation

With nearly 60 years of testing expertise, Haag conducts precise, authoritative product and system testing.

Duplicate a real-world operating environment or incident condition.

Our labs have dedicated testing space, including electronics and instrumentation clean rooms, Mechanical Equipment Testing and Simulation, HV and VFD and Automation Testing.

CAPABILITIES

EV (Battery, Hybrid, Fuel Cell) / Battery Systems / ICE Vehicles

- Haag analyzing EV platform integrity and operation
- Testing functionality of EV and ICE vehicle, Lithium battery, charging system including fire and explosion investigation

Electrical and Electronics Testing

- Electronics component and controls - operation, defects, and lifespan testing

Power Systems

- Electrical power systems, controls, contactors, breakers, transformers, VFD, ASD

Renewables

- PV Solar panel and systems, solar farms, wind farms, turbines and power distribution networks
- Haag performs impact tests on functionality & efficiency

Mechanical Testing

- Failure, Performance, and Operational testing and analysis

Appliance Testing

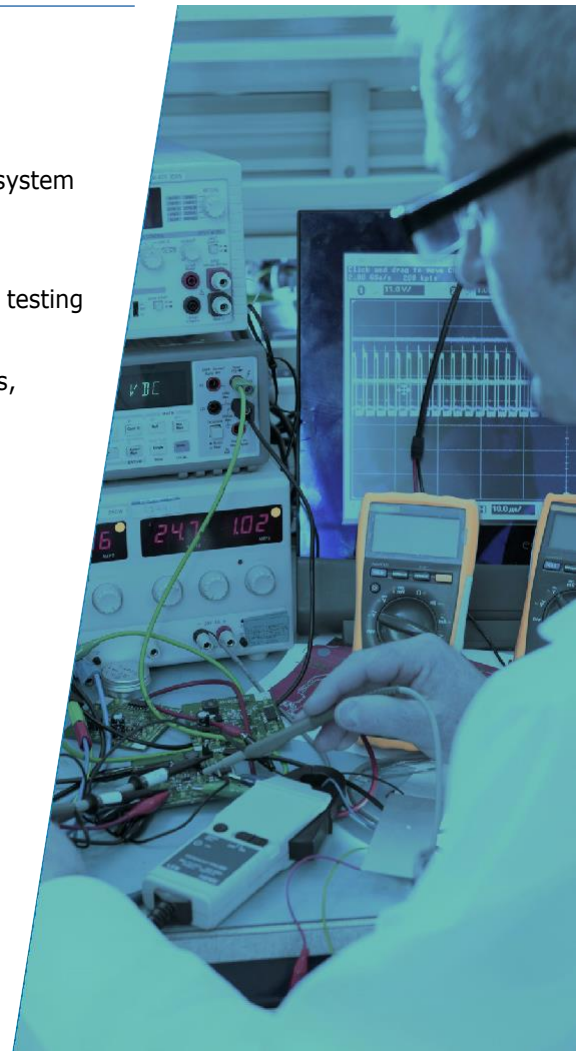
- Testing and analysis of Residential and Commercial appliances

Multi-Discipline Engineering Expertise

- Electrical / Mechanical / Civil / Chemical
- Materials / Nuclear / Environmental

Specialized Testing & Equipment

- Load Testing
- Customized Tests
- Drones
- Matterport 3D Camera System
- Roofing Analysis
- Wind Simulator 275km/hr (170 mph)



LAB LOCATIONS

Nanaimo, BC / Calgary, AB / Niagara, ON / Moncton, NB