What We Offer

Feasibility Studies for new projects and upgrades to determine the technical feasibility, facility layouts, costs, capabilities, schedule, utility needs, and other planning requirements. Studies are conducted very early in the project cycle and are important to minimize both technical and commercial risk for our clients.

New Project Services: design and project management from concept to handover.

Upgrade Project Services: performance and operational upgrades to existing facilities. The same full range of services as for new projects can be provided. In addition, the impact on existing equipment, systems and utilities is critical for project success, and our team has the experience to ensure we have everything covered to avoid the pitfalls that are otherwise possible with upgrades.

Facility Control Systems (FCS): for all Facility Types.

Different Projects, Same Solid Experience

Aiolos can take on full responsibility for the design, construction and commissioning of the facility projects within the project. This turnkey approach reduces the stress of design, technical and fiscal responsibility while relying on Aiolos' experience and expertise for a successful project completion.

Contact Us

Please contact us to discuss your requirements at:

www.aiolos.com

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Suite 300, Toronto, Ontario
M9W 6V1 Canada

Tel: +1-416-674-3017
Fax: +1-416-674-7055
Email: sales@aiolos.com
Web: www.aiolos.com

Design & Engineering

The state-of-the-art facilities feature a comprehensive range of standardized/ custom-designed, high-precision technical test- and measurement systems, and a broad range of services, all carried out from the conceptual design to the detailed design phase.

Project Engineering & Project Management

The project teams can take on full responsibility for the integration and turn-on-commissioning of projects throughout the design, construction, engineering and commissioning phases. Dedicated project managers, supported by a team of experienced project engineers, ensure excellent client relations. Technical expertise and project management ensures project specification requirements are in accordance with budget restrictions.

Design/Build Construction

Aiolos can take on full responsibility for the design, construction and commissioning of the projects throughout the project. This turnkey approach reduces the stress of design, technical and fiscal responsibility while relying on Aiolos' experience and expertise for a successful project completion.

Post Project Support

Aiolos offers a wide range of post- commissioning support services to our clients, ranging from our maintenance coverage to the installation of other equipment. Aiolos can provide aftersales support for a wide range of technical and operational services, as well as providing technical advice to our clients on any aspect of the design.

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Typical Projects

- Aerodynamic & Aeroacoustic Wind Tunnels
- Climate Wind Tunnels
- Environmental Test Chambers
- Extreme Weather Simulation Facilities
- Emissions Test Facilities
- Reverberant Acoustic Test Chambers
- Boundary Layer Wind Tunnels
- Altitude Chambers
- Specialized R&D Facilities
- Specialized Dynamic Process Systems
- Freefall Facilities
- Ground Runup Enclosures

Quality assured, quality delivered

Our comprehensive Quality Management System is ISO 9001:2015 certified, in the interest of all parties, to ensure that our performance specifications are always on time and on budget.
We have vast experience in the Automotive industry, engineering Aero-Acoustic Wind Tunnels for some of the leaders in the sector.

**Automotive**

**Aero-Acoustic Wind Tunnels**
- Balances
- Moving Ground
- Probe Traversing
- Climate Control
- Dynamometers

**Climatic Wind Tunnels**
- Dynamometers
- Solar Simulation
- Rain and Snow
- Acoustics
- Altitude
- Emissions

**Aeronautical**

Our project folio includes working with the World’s leading organisations, engineering Aeronautical Wind Tunnels.

**Aeronautical Wind Tunnels**
- Low Speed
- Transonic
- Tri-Sonic
- Cryogenic testing

**Science/R&D**

Our research and development covers a wide range of projects including Wind Simulation, Boundary Layers, Wind Tunnels and Climatic Simulation Chambers.

**Wind Simulation & Boundary Layer**
- Acoustics
- Reverberant Chambers
- Anechoic Chambers
- Jet Engine Air Supply

**Wind Tunnels & Climatic Simulation Chambers**
- Trains and heavy vehicles
- Aircraft