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INDUSTRIAL & MARINE
TESTING SOLUTIONS

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65 MW
INDUSTRIAL DEVELOPMENT
TEST FACILITY

CUSTOMER

Rolls-Royce Canada TC#3
Montreal, Canada

FACILITY TYPE

65 MW Industrial Trent Development Facility

ENGINE TYPES

Rolls-Royce Trent 5050/5060 IGT



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DESCRIPTION

Complete turnkey conversion of an existing Aero Engine Test Cell to accommodate the development and production testing of the Industrial Trent aero derivative gas turbine engine.

SCOPE OF WORK

- ▶ Project Management;
- ▶ Building Design and Construction;
- ▶ Infrastructure for Growth to 155 MW Capacity;
- ▶ Aerodynamics and Acoustics;
- ▶ Inlet and Exhaust Systems;
- ▶ BOV and BOV Translation System;
- ▶ Engine Adapter;
- ▶ Adapter Docking System;
- ▶ Engine Handling System;
- ▶ Liquid and Gas Fuel System;
- ▶ Hydraulic Start and Support Systems;
- ▶ Engine Lubrication System;
- ▶ Instrumentation and Control Systems;
- ▶ Facility Control System (PLC Based);
- ▶ EDAS 7000 Data Acquisition and Control System; and
- ▶ Dynamic Data Acquisition System.



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