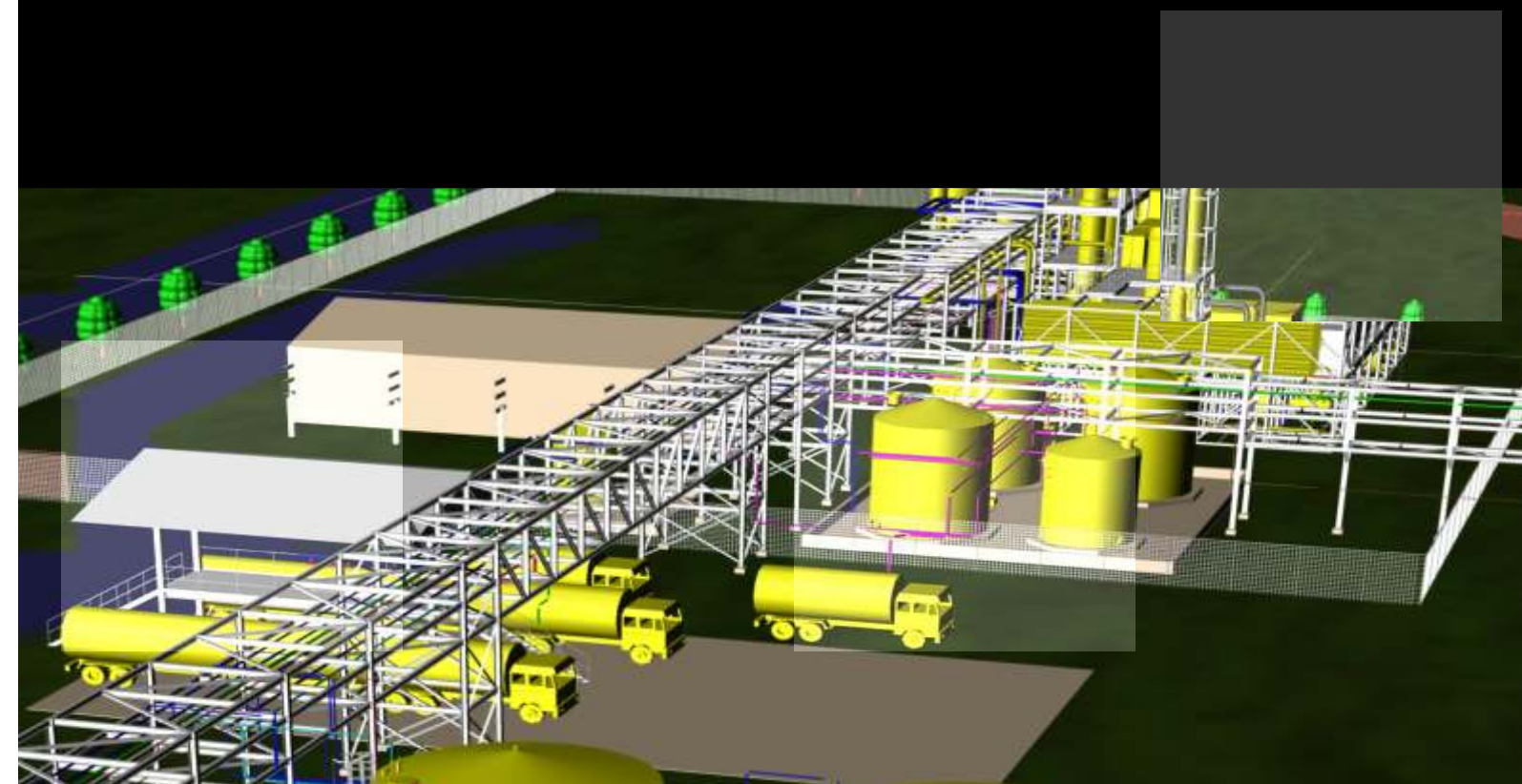


Shaping the Future: Facilities Design



AMEC is an international project management and engineering services company that designs, delivers and supports infrastructure assets for customers across the public and private sectors. AMEC employs more than 22,000 people working from a network of offices throughout Canada, the US and UK, as well as regional offices and projects worldwide.

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Design by Oakville, Canada 2007

AMEC understands how facilities within the industrial, institutional and commercial business sectors work. We have a reputation of being able to design robust, fully functional mechanical and electrical systems which meet or exceed the highest standards set for pharmaceutical and research laboratories and heavy industrial applications.

World skills on your doorstep

Our architects, engineers and environmental professionals specialize in evaluation, repair, renovation, rehabilitation and maintenance of existing facilities, as well as the design of new facilities. By working with our clients from the outset of a project we can deliver maximum value, provide innovative solutions to technical and logistical challenges, and identify and mitigate risk at the earliest stage.

Feasibility Studies

We develop comprehensive feasibility studies, which, combined with in-depth financial analysis, ensure a project's technical, economic and commercial viability and ensure the best application for our detailed design and engineering services in every sector in which we operate.

Master Planning

We use our expertise in master planning to define the best strategy for the long-term development of our clients' assets. Our multi-disciplined team of architects, engineers and planners assess the political, economic, financial and technical factors affecting a project and use this knowledge to determine the best use of our clients' resources.

Architecture

Our in-house architects have specialist knowledge across all the industries in which we work, from healthcare and education, to pharmaceuticals, manufacturing, energy and mining. This expertise means that we are able to introduce innovative and flexible design solutions to optimize the efficiency of both major and specialized buildings.

Front-End Engineering and Design

Our skills in Front-End Engineering and Design (FEED) enable us to introduce new technologies, identify cost-savings and mitigate potential risks at the earliest stage of a project's development.

Engineering

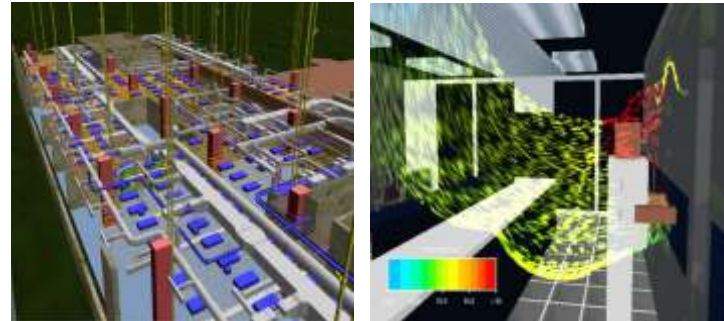
We provide a full range of engineering services, from civil and structural engineering to process, mechanical and electrical services, on a global basis and across all market sectors. We apply a sustainable approach to all our projects, incorporating energy-efficient design principles, careful consideration and sourcing of materials, sensitive landscaping and tree planting, and using renewable energy sources wherever possible.

Environmental Services

We also supply specialist environmental services, including air, geotechnical and water resource services, environmental impact assessments, environmental planning, permitting assistance and regulatory guidance. We provide these services both on a stand-alone basis and as an integral part of any project.

Project Services & Project Management

We offer a full range of project services including project management, estimating, scheduling, cost control, procurement and expediting.



Flexible and responsive

From delivering a multi-million dollar facility for a major global manufacturer to a small fit-out project for a start-up company, we believe our flexibility is our strength.

Once we understand your specific expectations, we have the right people, technology and skills to successfully deliver your project.

With offices in over 40 countries, AMEC is located where you are. We can draw on the resources of thousands of other specialists across AMEC with relevant skills and expertise. From project managers to highly specialized engineers and scientists who are experts in their field, our people have hands-on experience in providing solutions.

Developing long-term relationships

Building customer relationships for us means delivering extraordinary levels of value that customers recognize, solving customers' broader problems and developing a culture that embraces specific rather than general solutions. We have employed this approach with success for long-term customers such as AstraZeneca, Procter & Gamble, Kraft, Wyeth and General Mills.

Capabilities

Master planning	Facilities condition assessments
Site utilities assessments	Construction support
Feasibility studies	Start-up and commissioning
Concept design	Value engineering
Front-end design	Technical services
Detailed design	Project services
Permitting (CofA)	Project management

Recent representative projects

University Health Network - Toronto Medical Discovery Tower

Design of 400,000 sq ft of life sciences laboratories. Specialist areas include NMR suite, Animal Resource Centre and Class 10,000 cleanrooms. UHN's reference letter stated, "The designers (AMEC) brought to the table the latest innovations for research laboratories with a true understanding of the user's requirements."

Apotex Etobicoke Production Facility and Warehouse

Design of a new 430,000 sq ft FDA-approved, oral solid dosage (OSD) pharmaceutical manufacturing and semi-automated warehouse facility. The Toronto Construction Association selected this project for the 'Best of the Best' award in their Large Projects category for "achieving excellence in delivery of a project on time and on budget, with excellent delivery and an excellent safety record".

Brock University Utilities Master Plan

Assessment of the university's utilities and development of a Utilities Master Plan to address the Facilities' Needs Plan. Brock's customer satisfaction survey stated, "We were very pleased with AMEC's overall management and delivery of this very complex multi-discipline master plan along with its form and content".

NAV Canada Front End Engineering Design (FEED)

Consideration of options for HVAC, design of replacements of lighting systems throughout the 500,000 sq ft complex, and feasibility study on construction/operation of a cogeneration centre. NAV Canada commented that AMEC's team was "very professional" and the work "top quality".

Hamilton Health Sciences - Hamilton General Hospital Research Facility

Design-build of a 200,000 sq ft, 6 storey state-of-the-art research facility consisting of wet and dry labs, administration and write up areas and a 25,000 sq ft vivarium.

Subject matter experts

HVAC systems	Laboratory drainage	Structural design
Laboratory planning	Electrical power distribution design	Process Utilities
Lighting design	Computational Fluid Dynamics (CFD)	Cogeneration
Arc Flash Hazard analysis	Acoustics	Building Automation Systems (BAS)
Telecommunications	Value engineering	Leadership in Energy and Environmental Design (LEED®)
Air emissions	Laboratory and medical gases	Hospital engineering
Wastewater	Good Manufacturing Practice (GMP)	
BSL2 and BSL3 design	Security design	