

Canadian Operations

World-Class Capabilities,
Resources and Experience



KBR

Local Emphasis, Global Resources



KBR's highly trained specialists adhere to HSE standards in all on-site construction, turnarounds and modular assembly and pipe fabrication projects.

Proven Project Execution

KBR is a Canadian supplier of construction, turnaround and fabrication services to the refining, petrochemical, power, mining and pulp and paper industries. As one of Canada's most prestigious construction companies, we are committed to health, safety and environment (HSE) practices, and have over half a century of experience implementing, safe, on time, quality projects that are within client cost objectives.

Our full range of services includes construction, construction management, turnaround, shutdown, outage, pipe fabrication and modular assembly. We have a proven track record of delivering successful EPC services and differentiated technology offerings through our global presence. KBR has a legacy of experience executing most major energy and chemicals-driven projects in Alberta.

Our ability to match client expectations and perform against the toughest deadlines makes us one of Canada's leading construction contractors

Our experts help clients:

- Reduce safety incidents and adverse effects to the environment
- Accelerate ROI, ROCE, RONA and cash flow
- Provide construction, fabrication services and modular assembly
- Troubleshoot and gain front-end value from in-depth constructability knowledge
- Oversee crews with experienced construction managers
- Increase profitability
- Achieve cost objectives
- Overcome resource constraints
- Identify new opportunities for improvement
- Revamp facilities and replace technology
- Extend the life of equipment



Our teams provide in-depth direct support, harnessing our complete range of skills, resources and experience to accelerate customer assets.

HSE is a Core Value

KBR's commitment to HSE is a core value that integrates responsibility and accountability into every level of our organization. We have a rich legacy of defining and implementing proven standards and processes that define responsibilities, activities and methods for assuring and controlling safety during planning and execution phases. To accomplish this, our experts identify critical safety behaviours as well as potential risks and hazards to reduce accidents, injuries, illnesses and environmental incidents.

Global Vision and Philosophy

KBR is a leading global engineering, construction and services company supporting the energy, petrochemicals, government services and civil infrastructure sectors. We maintain a global leadership position through our exceptional talent, project controls and impeccable safety standards. Our professionals possess extensive expertise executing difficult projects anytime, anywhere and under any condition through:

- Excellent project execution
- World-class HSE performance
- Experienced, integrated project teams
- Global alliances, partnerships and purchasing
- Local sustainable development solutions
- Successfully executing large, complex projects



KBR creates a culture that encourages incident-free environments, industry-leading safety performance and conducts all business with no adverse impact to the environment.

KBR is dedicated to delivering safe, successful projects completed on time and within budget with no compromise on quality

Commitment to Quality

Achieving world-class operations is key to accelerating client revenue streams. Our teams perform audits at scheduled intervals including the five percent, 30 to 40 percent and 75 to 80 percent completion stages. We proactively trend projects and track issued and completed documentation requirements by system, discipline, equipment type and responsible party. Our experts even have the ability to provide customers with detailed real time reports during every stage of a project.

Start-up, Commissioning & Procurement

Construction is seamless when dealing with our start-up, commissioning and procurement experts. Our local management personnel are highly experienced professionals who know how to meet target objectives regardless of contract size. We have the expertise, negotiating power and flexibility to match materials and services to our client's vision, cost and schedule needs. Our clients benefit from KBR's strategically-sourced, volume-based agreements and global presence to obtain exceptional product price advantages, achieve project schedules and improve supply chain efficiencies through integration of suppliers in project activities.

Recruiting & Training Talent

Our Canadian operation recruits talent through respective trade Unions, and has the flexibility to augment out-of-Province craftworkers, technical and managerial expertise for major projects and turnarounds. KBR believes in offering our employees opportunities to learn and grow, and we offer online courses through our nationally accredited university.

Construction Services

Our construction personnel are highly trained professionals who are as experienced with debottlenecking facilities as they are grassroots and brownfield capital projects. We have an extensive inventory of project managers, engineers, construction managers, technicians, craft employees and subcontractor relations specialists necessary to perform piping, welding, modular assembly, instrumentation, painting, fireproofing, structural steel or electrical equipment installations and more. With significant modularization experience, we have the expertise to develop the optimum construction strategy.



Maintaining a highly skilled workforce is a fundamental element of KBR's philosophy.



Construction of Dow Chemical's Canada Inc.'s grassroots 1.2 billion pounds per year ethylene plant complete with fractionation facilities, including six ethylene cracking furnaces.



Commissioning and assembling highly experienced teams begins before day one on every project.

Construction Management Services

KBR's experts drive project planning and control systems to reduce risks, uphold safety standards and deliver high quality, comprehensive solutions. Our flexible approach to project execution allows us to deliver appropriate, cost-effective solutions that enhance the value of our customers assets and increase long-term business success. We also manage all subcontract work for insulation, structural steel fabrication, electrical and instrumentation, refractory, painting and coating, fireproofing, stress relieving and others to suit project needs.

Turnarounds, Shutdowns and Outages

KBR easily mobilizes, executes, commissions and demobilizes rapid-response construction projects around the world. Our ability to quickly deploy teams to Canadian client sites, reduce production and maintenance costs and increase operational efficiency makes us the

ideal contractor for even the most complex projects. KBR's resources, ability to move-in and out swiftly coupled with our global presence allows us meet the toughest schedule and manage an entire operation or work as part of an integrated team or alliance.



EPC, start-up support and managed all subcontracts for Syncrude Canada Limited's grassroots Vacuum Distillate Unit, plus debottlenecking of six operating units in the Upgrader.



KBR has a history of adapting to the client challenges and project needs. Upon expansion in 2008, our five-bay, 600,000 WDI per year pipe fabrication shop in Edmonton will increase capacity by 50 percent.

Pipe Fabrication

Our pipe fabrication facility generates approximately 50,000 weld diameter inch (WDI) per month on a one-shift basis, which makes it one of the largest and most innovative operations of its kind in Canada. We specialize in pre-fabricated pipe spools, manifolds, pipe-sized vessels and stacks, radiant and convection sections of process heaters and furnaces. Incorporating the latest in welding technology, material management and quality control process, KBR offers clients results that stem from outstanding safety performance and best practices.

Our record of construction expertise, turnaround and fabrication services is backed by excellent human resources, safety standards and project controls



We led construction management in the largest expansion in Syncrude's history, increasing capacity to 100,000 barrel per day. The UE-1 expansion also incorporates environmental mitigation measures resulting in a higher-value crude across entire production stream.

Modular Assembly

KBR executes innovative modular assembly projects and provides a wide range of building solutions to industrial sites across Canada. From concept to completion, our highly experienced team of professionals has a proven record of managing and building some of the most challenging industrial facilities in every province. With KBR, clients receive world-class services, speedy deployment, excellent performance and optimum project controls at competitive costs.

Community Involvement

KBR is committed to finding solutions to issues in the communities where we live and work. With a primary focus on health, education and environment, we are able to leverage our commitment through volunteerism, support of non-profits, corporate partnering and our employee giving program. We are active participants in goodwill efforts worldwide that focus on education, community organizations, immunizations and food donation programs.

Managing Local Content

KBR has extensive experience in recruiting personnel and a working knowledge of employment practices in 45 countries. We have a proven track record in the development of local technical and managerial expertise to world-class standards, and have an ongoing commitment to hire aboriginal people whenever and wherever possible.

Local Talent. Global Resources. Proven Results.

KBR helps manufacturers with construction, turnarounds, fabrication services and modular assembly. Whatever the industry—from mining to refining, from producing paper to chemicals—we can construct, revamp, optimize or turnaround even the most challenging operation.

To learn more, visit: www.kbr.com/canada
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