

FACTSHEET

ABB in Chemical Industry

Enhancing productivity and energy efficiency of oil refineries, terminals, downstream and chemical complexes



We have more than 50 years of experience in delivery of complex projects within Chemicals industry.

Overall offerings

- Electrical
- Automation & control
- Instrumentation and analyzers
- Telecommunication systems

Our integrated automation and electrical solutions combine engineering and consulting with products and services permits to reduce CAPEX by 20-30% with an improved delivery time of 2-3 months. Through collaborative operations, we use digitization and analytics to improve the operational performance and energy efficiency of a broad range of chemical processes. We cover the smallest batch plants to the largest continuous petrochemical complexes. Our integrated solutions come with 50 years of expertise with EICT, MAC, MEC, MIC projects around world. Our global team and service centers support you with highest availability, quality, risk reduction and information flow for a safe operation. Our results are improved total cost of ownership over the complete life-cycle of the plant. Our experience has enabled us to create long-term partnerships with several chemical and petrochemical companies across the globe.

Investment of any size require guarantees: To deliver more from less; To deliver on-time with maximum margin contribution and optimized financial performance; To increase operational efficiency through up-time, To improve maintenance and energy efficiency; To ensure all of the environmental, safety and security factors that are important to your community are more than met.

With a variety of competing brands and claims – which one to choose? Choose ABB, But Why?

ABB has technology and a vast industry experience known across the globe. Moreover, ABB has put in place a global task force along with work-streams fitted to the specific needs of the chemical industry. ABB can add more value to your business by helping you to overcome real issues you are grappling with.

These solutions include:

- Improving production efficiency
- Reducing costs and risks with flawless project execution
- Maintaining safe operations for people and processes
- Providing project flexibility and modularity
- Maintaining maximum up-time and extending asset life with technology that is cutting edge, reliable and easy to use
- Implementing digital end-to-end solutions

Whether you need chemical process consultants, batch control, automation or electrical experts, ABB's global team and Centers of Excellence will together support you and will address your needs.

- Utilization of ABB as an MAC/MEC reduces CAPEX costs by around 20 percent
- ABB's advanced process control reduces OPEX costs by 3 percent to 9 percent
- ABB's Total Plant Reliability™ improvements return 3 to 1 on investment
- Integrated process automation and electrical control / power management systems (PMS) reduce energy usage by up to 10 percent
- Extended operator workplace (EOW) provides an
- Ergonomic HMI for the process, plant assets and
- Automation, electrical and telecoms aspects, thereby improving productivity
- TÜV certified implementation and training services in functional safety management eases regulatory approval.

www.abb.com/chemicals