IMI CCI

Well known throughout the energy industry for engineering, manufacturing and servicing critical flow control technology across power, oil and gas industries.

IMI CCI was founded upon core engineering problem-solving principles, from which it has built dedicated design, manufacturing, commercial and service organisations to fully serve our customers’ needs. This engineering expertise has been institutionalised in the Valve Doctor® programme, where members become industry experts in system-wide process insight and problem-solving techniques. These specialists draw on decades of experience and ongoing technical training to devise the most appropriate valve solutions to maximise system performance and customer profit. This unique combination of engineering expertise and global resources has one goal: to prevent or cure customer problems.

Customers around the world have saved millions of dollars in downtime while also gaining the same in improved productivity thanks to using the knowledge and experience of an IMI CCI Valve Doctor®.
Control valve designs
Decades of custom innovation have resulted in the proven technology platforms of BTG, ABJ®, DRAG® and the valve technology acquired from Sulzer® Ltd. This portfolio of technologies enables customers to get the right balance of installation ease, noise abatement, reliability and control for their site and application-specific needs. Enabling the right level of control can only be made possible with the properly sized and configured actuation system. IMI CCI has a full portfolio of pneumatic, hydraulic and electric actuation technology for differing size and flow control application demands.

Aftermarket services
Unlike many valve companies, IMI CCI has a full aftermarket service division, which provides field service, parts, repair, upgrade and long-term service agreements for our customers. Employing over 200 highly trained field service technicians and dedicated repair centres around the globe, our aftermarket team is always ready to meet customer needs. Using the original factory drawings and specifications, IMI CCI’s field service technicians are capable of conducting critical dimension analysis (CDA) to ensure your process is functioning safely and at optimal efficiency.

Critical applications

**Conventional thermal, combined cycle and combined heat & power plants**
To date, IMI CCI has installed more than 20,000 severe service valves, and over 6,000 turbine bypass systems worldwide. Comprehensive solutions for steam conditioning, turbine bypass, feed water systems and similar applications are consistently being improved upon to address various failure modes – such as cavitation and erosion, noise and vibration – especially when the system is dealing with high pressure and temperature applications.

**Oil and gas**
The challenges of today’s oil and gas fields have never been more challenging – or as well-suited for IMI CCI technology. The increasing use of enhanced oil recovery helps extend wellhead life, with aggressive fluids and entrained solids demanding higher grade materials to ensure reliable operation. Accelerated development of efficient liquefied natural gas (LNG) facilities demands reliable and quick-stroking compressor recycle valves, which can demonstrate tight shut-off, fugitive emissions control and address noise limitations. Both on- and off-shore wellpad sites are concerned with safety systems like HIPPS, vent-to-flare and emergency shut-off – all with the reliability that IMI CCI has demonstrated in its equipment, its people and its facilities.

**Our key technologies**

**DRAG Multi-stage characterized disk stack**

**Portfolio of services from well-trained industry professional**

**Custom engineered cage guided control valves**

**Large portfolio for combined cycle power plants**

**Broad base of products and services for on- and off-shore installations**

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