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BSI Kitemark™ certification to ISO 19650 helps KBR Australia drive its digital transformation for design and construction



KBR has passed a significant milestone in its digital transformation, having recently become one of the first engineering consultancies in Australia to achieve BSI Kitemark certification to ISO 19650, the international standard for information management using building information modelling (BIM). Kitemark certification has accelerated KBR's progress in a number of areas including improving process efficiencies, enhancing supply chain collaboration and providing KBR with a defined market advantage.

Client challenge

KBR delivers science, technology and engineering solutions to governments and businesses around the world. In Australia, the company's primary markets are in defence and infrastructure, where it works as a 'team of teams' to provide clients with smart, sustainable solutions.

As the pace of technological change accelerates, the demand for digital engineering capabilities continues to grow. Increasingly, KBR Australia found its clients were seeking approaches that enable digital infrastructure solutions and efficient delivery of outcomes.

With increasing demands in the world of digitization of design and construction, KBR face the challenge of enabling different teams to work together to share and deliver information.



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BSI Kitemark for ISO 19650 Building Information Modelling (BIM)



“Achieving the BSI Kitemark for ISO 19650 shows leading organizations that the way we operate is compatible with the way they work. It reassures clients that we use the same framework and terminology and demonstrates our dedication to providing them with long-term benefits. That gives us an edge over our competitors.”

John Gude, Chief Technical Engineer, KBR Australia

BSI Solution

KBR Australia recognizes Kitemark certification to ISO 19650 (BIM) from BSI as the way forward for enhancing digital transformation in the built environment sector. ISO 19650 was developed to help teams work together to the same international standard of information management over the whole life cycle of a built asset using BIM.

With its Digital, Systems, Quality and Projects Team – led by John Gude, Chief Technical Engineer – tasked with achieving certification, KBR underwent thorough independent assessment by BSI, leading to the award of Kitemark certification to Part 1 and Part 2 of the ISO 19650 BIM framework.

Kitemark certification was the clear choice for KBR, as for more than 120 years, the BSI Kitemark™ has been recognized as a symbol of outstanding quality, safety and trust across a wide range of products and services. The Kitemark is widely

recognized as the leading industry mark of trust and confidence in BIM certification.

Benefits

KBR Australia benefits from Kitemark certification to the ISO 19650 standard on its major railway and defence projects, helping its cutting-edge digital capability to deliver the infrastructure clients need quickly and efficiently.

John Gude explains that sticking to a single standard formalizes key concepts and principles, such as the procurement of information and the use of a common data environment (CDE), digital asset libraries, and the implementation of digital delivery software architectures. “Working to ISO 19650 avoids clashes and duplication to ensure the best outcomes throughout the project life cycle,” he says. “It means all parties are on the same page.”



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Why BSI?

John Gude comments: “The BSI name carries weight in our markets and the BSI Kitemark is a well-known quality symbol. BSI Kitemark certification for BIM was the clear choice for KBR to establish ourselves in this space.”