

Minsup 1" Isolation Lockout Device

Bob Browne

The Problem



- Kestrel introduced an isolation policy that mandated the use of locks when isolating plant and equipment on site.
- It was identified that the one-inch valves could not be positively isolated via lockout.
- Kestrel had approximately 500 one-inch minsup econovalves throughout the air and water reticulation system on site

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The Process Steps



- · Preliminary rough sketch designed
- Consultation with on site local engineering company to make a prototype
- Manufacturer (Dixon Minsup) given the prototype and asked to supply Kestrel with the device that could be retro fitted to our existing valves

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The Solution Queensland Mining Industry Health & Safety Conference 2003 4

The Solution



- This engineering modification allowed us to retro-fit without removal of existing valves from service.
- The modification allows two holes to line up when the valve is in the closed position.
- Locks can now be applied to the valve whilst in the closed position providing positive isolation.

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