Minsup Isolation Lockout Device

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THE PROBLEM

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

THE SOLUTION

An engineering modification designed by Bob Browne allowed Kestrel to retro fit the existing valves across site. The modification is based on the principle of two holes lining up when the valve is in the closed position allowing locks to be applied and therefore ensuring positive isolation.

PROCESS STEPS

1. A preliminary rough sketch design from Bob Browne
2. Consultation with on-site local engineering company to make a prototype
3. Manufacturer of valve (Dixon Minsup) given the prototype and asked to supply Kestrel with the device that could be retro fitted to our existing valves.

COSTS

This innovation has an extremely effective cost benefit of allowing modification to existing valves within air and water reticulation systems. These modifications are therefore a "one-off" expense to companies.

The cost to Kestrel for a one-inch minsup econovalve isolation lockout device is $17.00.

TRANSFERABILITY

The lockout device is applicable to any industry requiring positive lockout capability of one-inch minsup econovalves.