

SAFETY ALERT

2" Air hose burst

What happened?

During an Air Cap job while pressurising Well, pressure had been raised in increments of 5 Bar holding for a period 15mins with steps repeated till a final pressure of 25 bar was to be reached. Pressure reached approximately 24 bar when off sider noticed bulge in hose so proceeded to shut down compressor unit, before reaching stop button, hose burst causing a loud noise and a creating a cavity in the underlying gravel.



How did it happen?

The 600psi rated hose was certified, it had been visually checked for damage, had secondary retention and hose was restrained to surrounding barrier at 2 points.

Hose had been pressure tested at 26.7 bar (387psi) and held for 10 minutes prior to pressurising Well.

Possible causes could be damage beneath protection layer of hose or a manufacture defect in hose.

What did we learn?

If all practicable steps are taken to avoid an incident with good procedures and great planning we can "**Fail Safely**"

No one was injured, PPE requirements adhered to.

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Take 5! Stop. Check, Challenge, Change, Continue.
5seconds, 5minutes, 5 hours—however long it takes to do the job safely