

SAFETY ALERT

Air Pressure Regulator Blowout

What happened?

Oil was being transferred from 40 gallon drums to a larger storage tank using a Wilden pump. The Wilden pump was turned off to switch between drums. A loud bang was heard and on investigation the plastic air pressure regulator bowl was found to be blown out and in bits.

How did it happen?

The Air Pressure regulator is exposed to the elements which would have played a part in weakening the bowl allowing pressure to shatter bowl.



What did we learn?

Bowls exposed to UV light & outdoor conditions have an increased chance of fragility.

How can we improve?

Inspections of Air Pressure Regulators exposed to UV light & outdoor conditions, look at changing to an outer plastic protection casing for bowls exposed to UV and outdoor conditions.

Get in touch | Dan Kalan | daniel.kalan@contactenergy.co.nz | 0272751391