

# Screen Testing Services

COMPRESSION

PUSH OFF

BURST

TENSION

COLLAPSE

BENDING

FATIGUE

We have an extensive history of conducting industry standard wellscreen proof testing to qualify manufacturer's product lines.

## BURST

- Plugging agent bursts up to 7.5 ksi (51.71 MPa)
- Full size samples 40 feet long (12.2 m)
- No restriction on pipe size

## TENSION

- Tension to failure of base pipe up to 2,500,000 lbs (1135 kg)
- Constant load or constant applied load rate methods

## COLLAPSE

- Plugging agent or rubber shrouds to seal screen media
- Typical collapse samples:  
2.375" (6.03 cm) base pipe to 7" (17.78 cm) base pipe
- Main collapse chamber:  
11" ID x 7.5' long (15ksi) / 27.9 cm ID x 2.29 m long (103.4 Mpa)
- Long collapse chamber:  
7.75" ID x 35' long (10 ksi) / 19.6 cm ID x 10.67 m long (68.9 Mpa)

## ADDITIONAL TESTS

- **PUSHOFF**  
Determine load to buckle and part the shroud from the screen
- **BENDING**  
Determine side load to reach a given bend radius
- **CRUSH TEST**  
Determine side load to crush screen
- **COMBINED LOAD TESTS**  
Tension / Collapse, Compression / Collapse, and Torsion / Collapse