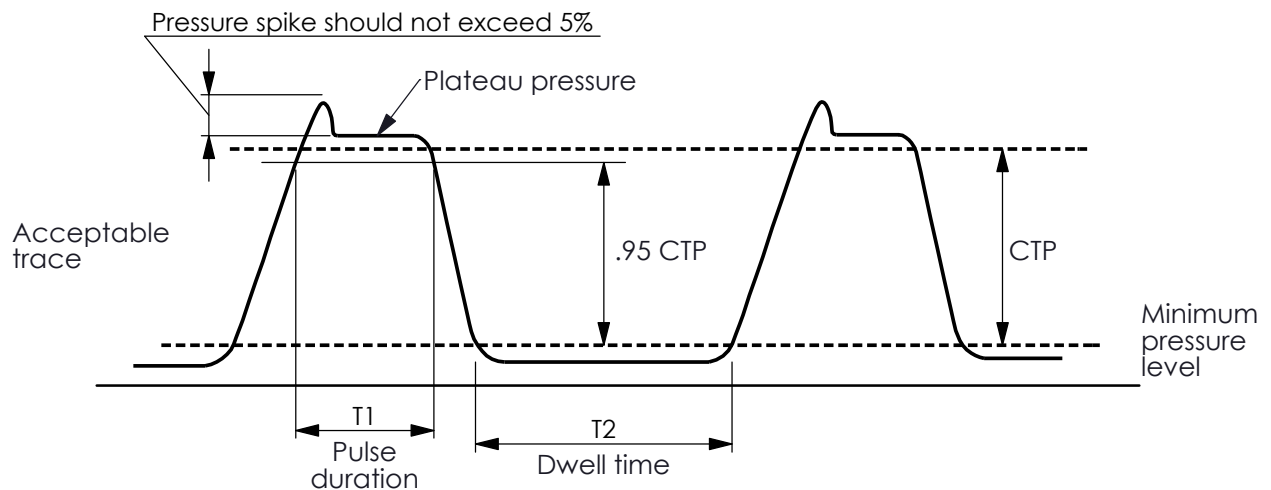


Winner's products pressure rating tested to the standards of the NFPA specification T2.6.1 and are tested at a verification level of 90% and an assurance level of 90%.

The life of products is tested at least 1 million cycles based on the 350bar (5000 psi) rated pressure. At 420 bar (6000 psi) (10%) for 100 thousand and 350 bar (5000 psi) (90%) for 900 thousand cycles.

### Rated fatigue verification test program :



(Pressure trace interpretations)

**CTP** = cyclic test pressure

**T1** = pressure pulse duration (T1 must be controlled to  $100 \pm 10$  milliseconds, use the intersection of the pressure rise and decay curves at the 95% CTP level to determine the boundaries of T1)

**T2** = dwell time ( $T2 \geq 90\%$  of T1)

### Rated burst pressure test program :

$$RBP = \frac{\mu - 2s}{1.02}$$

**RBP** = rated burst pressure

**$\mu$**  = is the mean value

**s** = is the sample standard deviation