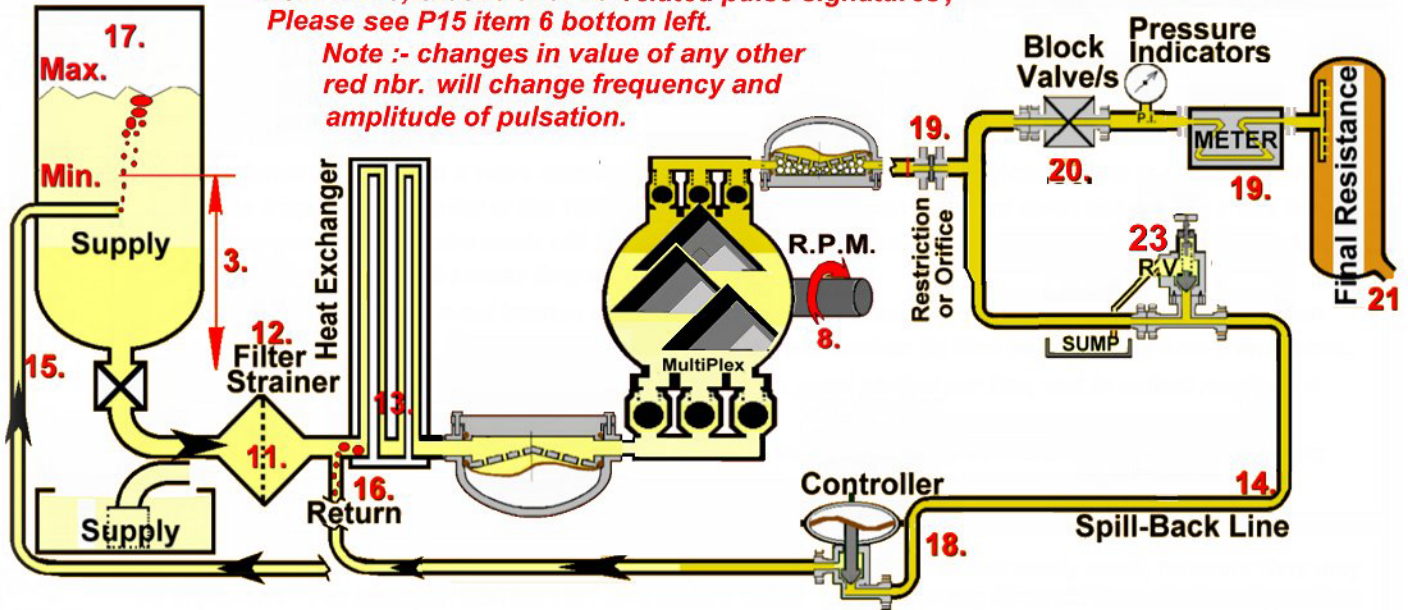




**Multiplex/"Power"/API 674, Systems.** For pump related pulse signatures see P18

For RV- 23, & controller 18 related pulse signatures, Please see P15 item 6 bottom left.

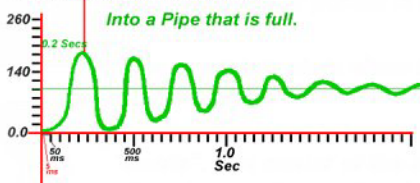
Note :- changes in value of any other red nbr. will change frequency and amplitude of pulsation.



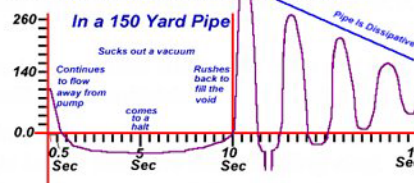
**Centrifugal pumping systems**

Many additional "signatures" are from shaft deflection.

**Pump Start-Up Surge**



**Shut-Down Back-Flow Bang**



**Rapid Valve Closure Hammer**

