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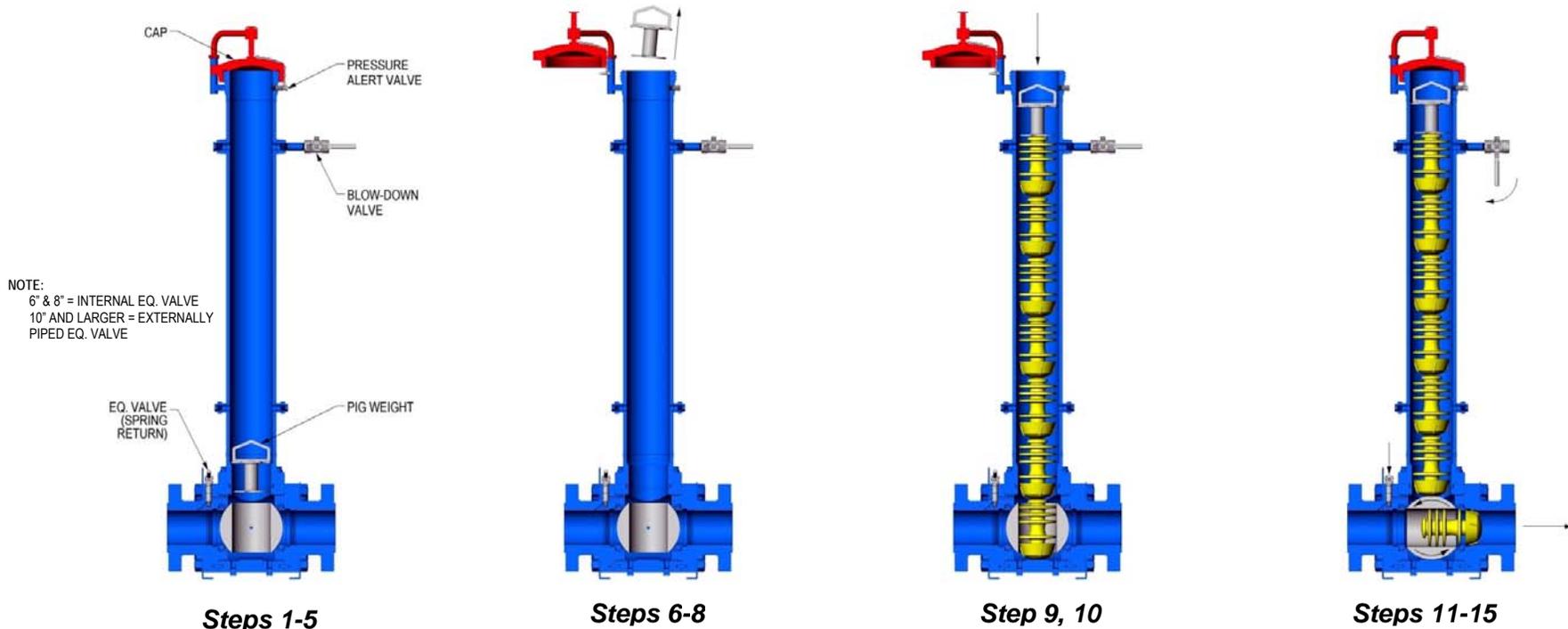
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## OPERATION OF MODEL 'D' MULTI-PIG LAUNCHER - ELECTRIC OPERATION W/ INTEGRAL EQUALIZATION VALVE

**Warning: Failure to Follow These Instructions May Result in Serious Injury or Fatality**



- Step 1 – Open the pipeline bypass valve (if present).  
 Step 2 – Close the pig valve, clockwise when flow is L→R, counterclockwise when the flow is R→L.  
 Step 2a – Switch Actuator selector to 'Local' position and select close.  
 Step 2b – Switch Actuator selector to 'Stop' or 'Off' position and lock out the Selector. The indicator must now read 'Closed'.  
 Step 3 – Ensure safety pin is installed in the integral equalization line, preventing accidental operation during pig loading.  
 Step 4 – Slowly open the blow-down valve, bleeding pressure from the multi-launcher barrel. This can be 'flared' if required.  
 Step 5 – Open drain valve on bottom (if equipped) to drain liquids from the multi-launcher body.  
 Step 6 – Unscrew Pressure Alert Valve (PAV) stem, which is attached to the entry cap with the safety chain, to verify system has been depressurized. Do NOT inadvertently loosen the PAV body from the entry cap adapter.  
 Step 7 – Open closure cap ¼ turn to ensure pressure has been relieved. Observe pressure warning groove in threads.

- Step 8 – Remove pig weight using the supplied weight retriever.  
 Step 9 – Install Argus pigs nose down and re-install pig weight as shown.  
 Step 10 – Re-install the closure cap and make-up with supplied wrench. Re-thread the PAV stem into the PAV body  
 Step 11 – Close blow-down and drain valves.  
 Step 12 – Remove the safety release pin and depress the equalization valve operating lever to equalize pressure within the cavity. Release the operating lever once the valve cavity has been pressurized. Replace the safety release pin, locking it out from accidental operation.  
 Step 13 – Check the closure cap, pressure alert valve, blow down, and drain valve (if equipped) for leakage  
 Step 14 – Open the pig valve and launch pig.  
 Step 14a – Remove lock-out from actuator.  
 Step 14b – Switch actuator selector to 'Local' position and select 'Open'. The indicator must now read 'Open'.  
 Step 14c – Close the pipeline bypass (if present).  
 Step 14d – Switch Actuator to 'Remote' position and lock-out the Selector.