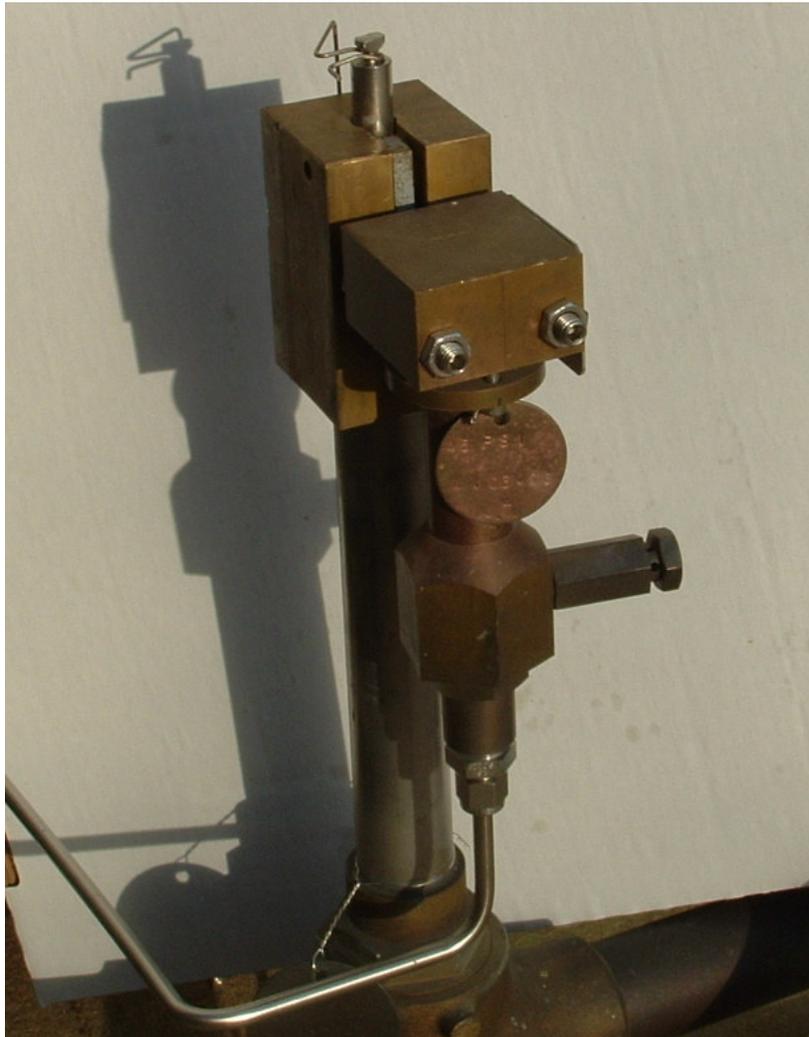


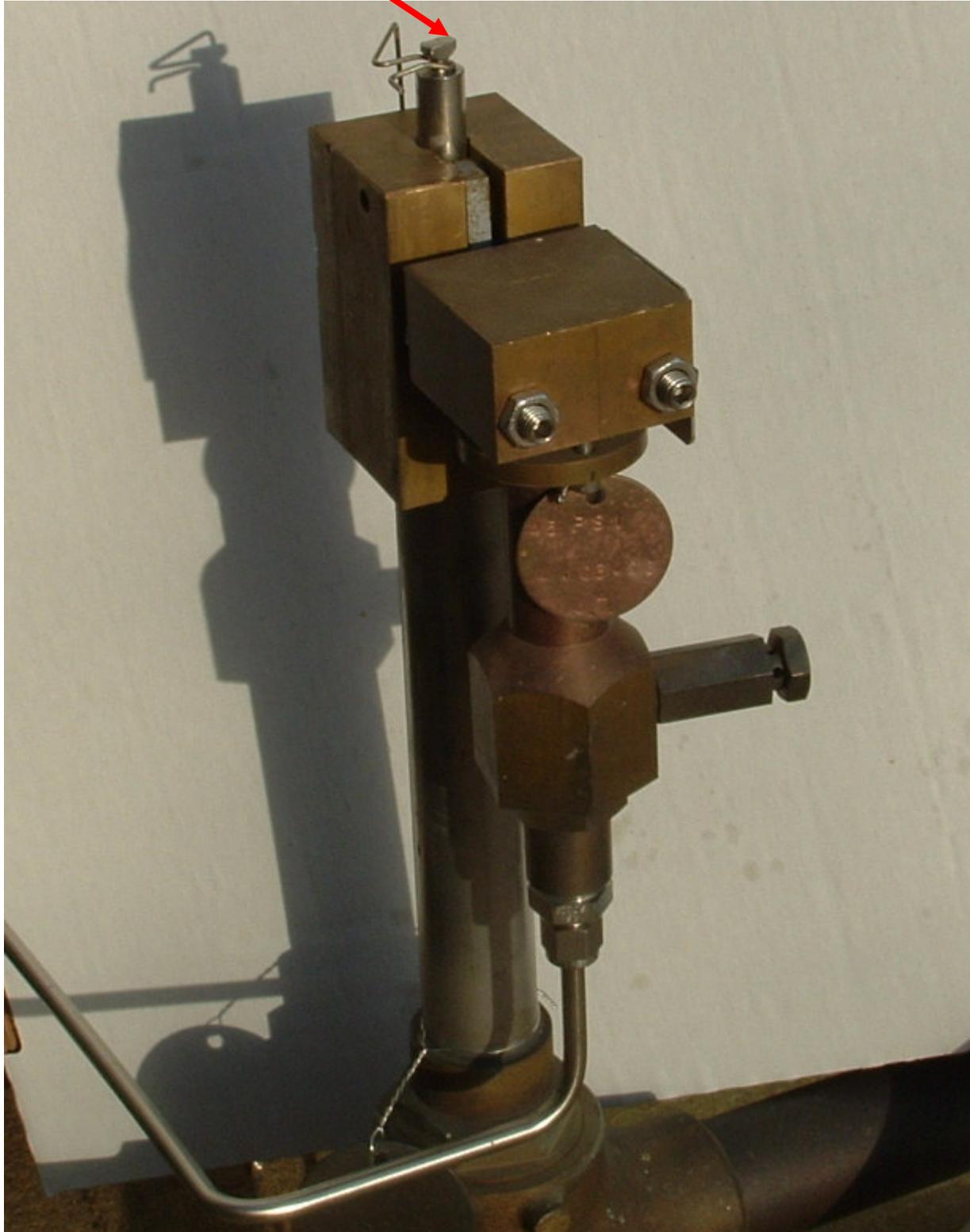
LN2 Tank 32 over-pressure prevention valve

This valve is designed to prevent damage to the vessel from filling too fast or over pressurizing by slamming shut preventing the driver from filling the vessel further. To continue filling the CDF Cryo Operator must reset the valve. The procedure for this is contained in this document. The CDF valve is set to trip at 45 PSIG but will readily trip due to vibration (like from hammering on the fill connection).

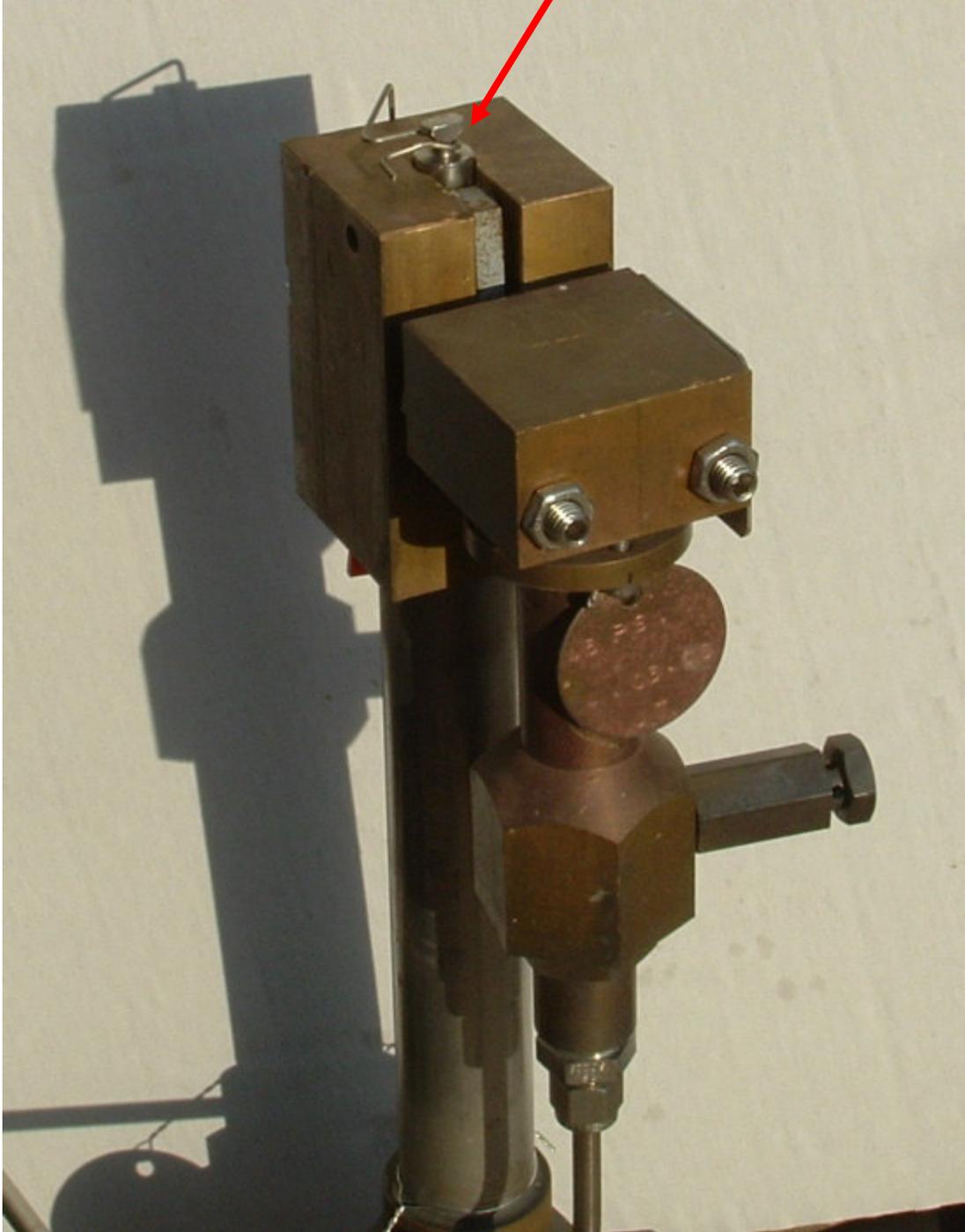


Valve Stem is up (open)

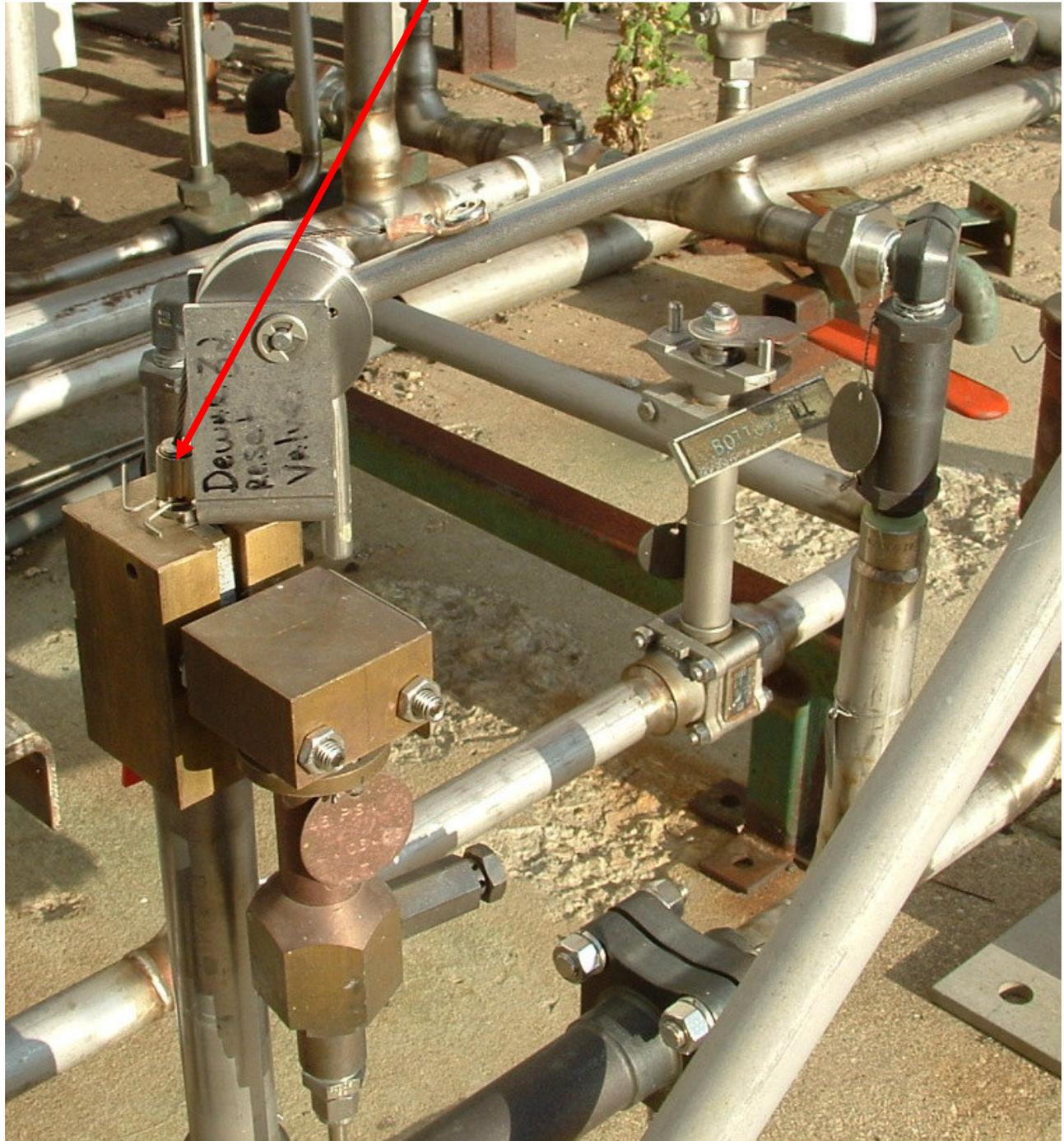
Vessel can be filled.



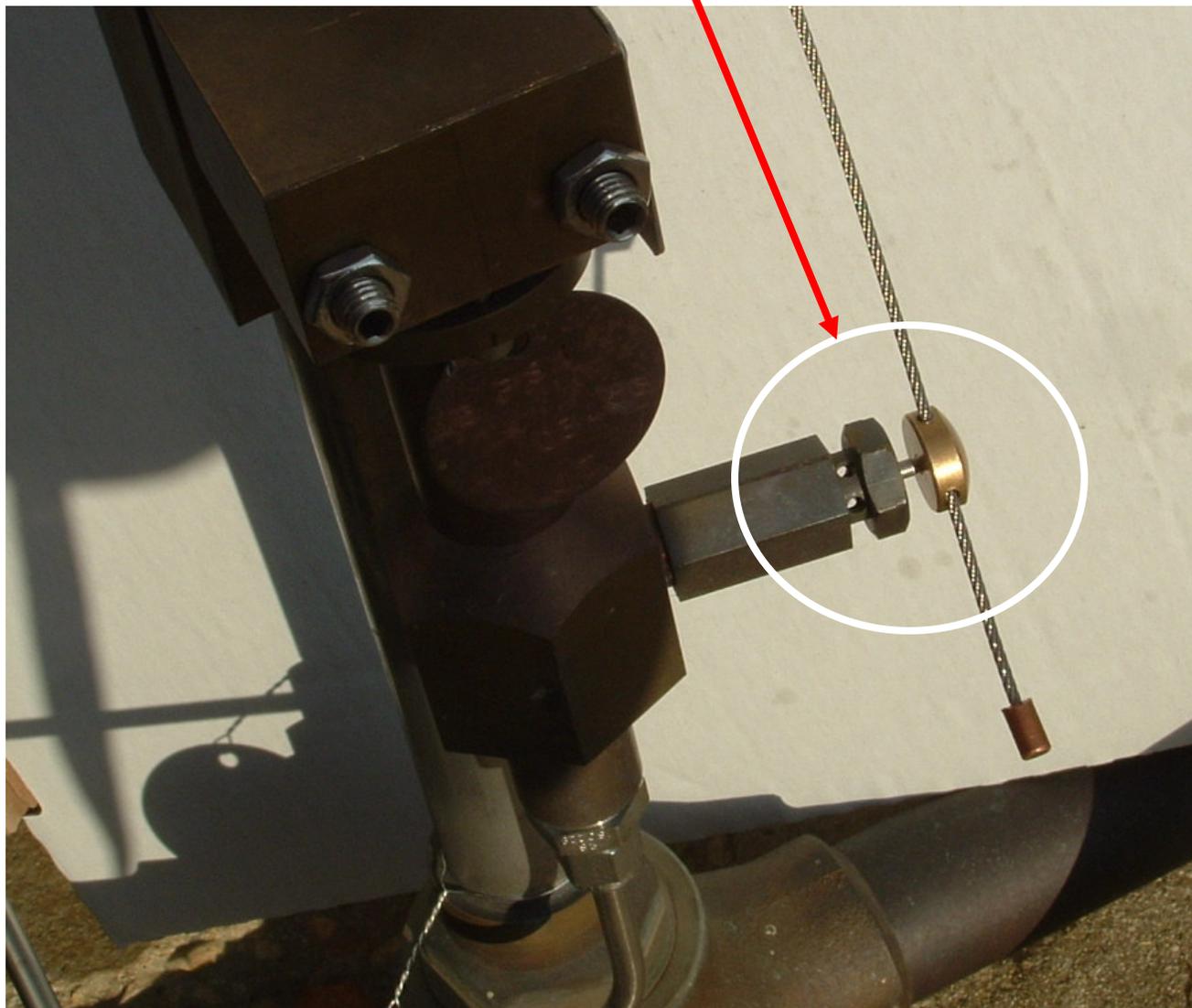
Valve stem is down (tripped)



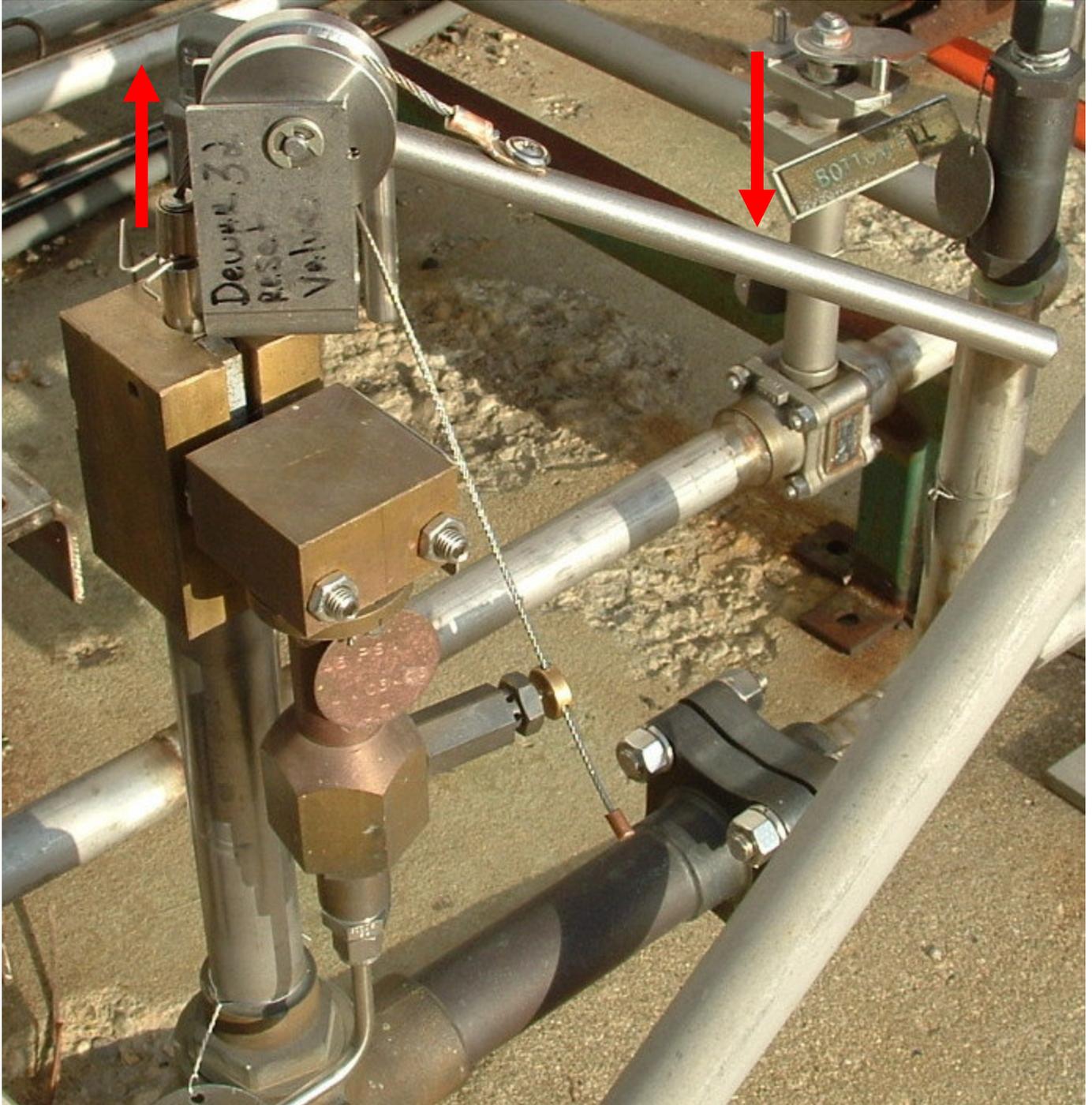
Attach tool as shown. Attach cable to valve by placing the adapter over the slot and then turning 90°.



Insert the pin into the purge port to relieve the pressure on the pilot valve. Press the pin into the port until you hear the gas pressure relieving. This action will allow the valve to be reset



Press down on the reset tool handle. The cable will pull the valve stem up until it resets (stays up). Make sure the cable is in the radius groove of the tool.



The vessel can be filled once again.