

# TEST AND TROUBLESHOOT THE RP

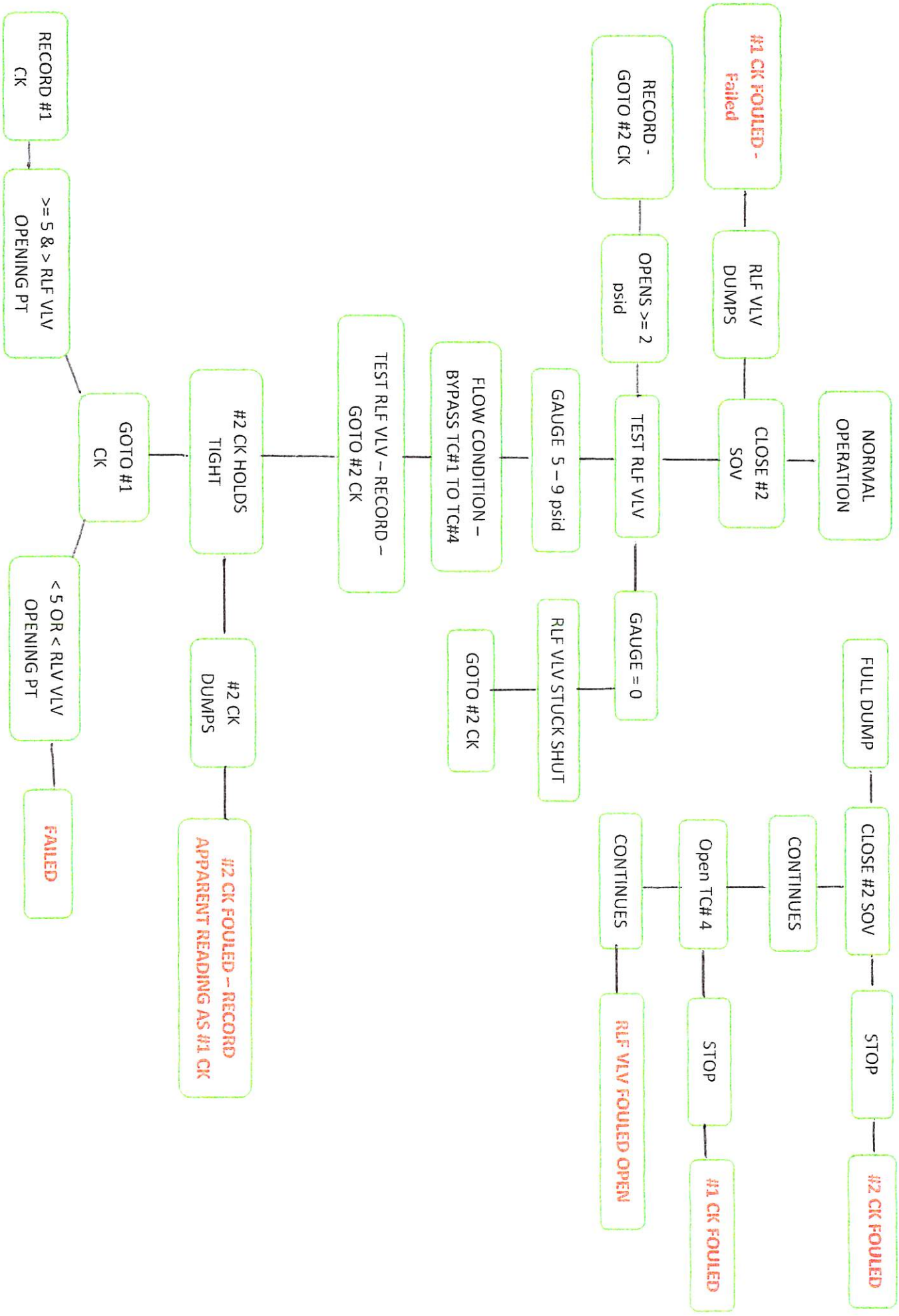


Fig. 1 Struff Valve

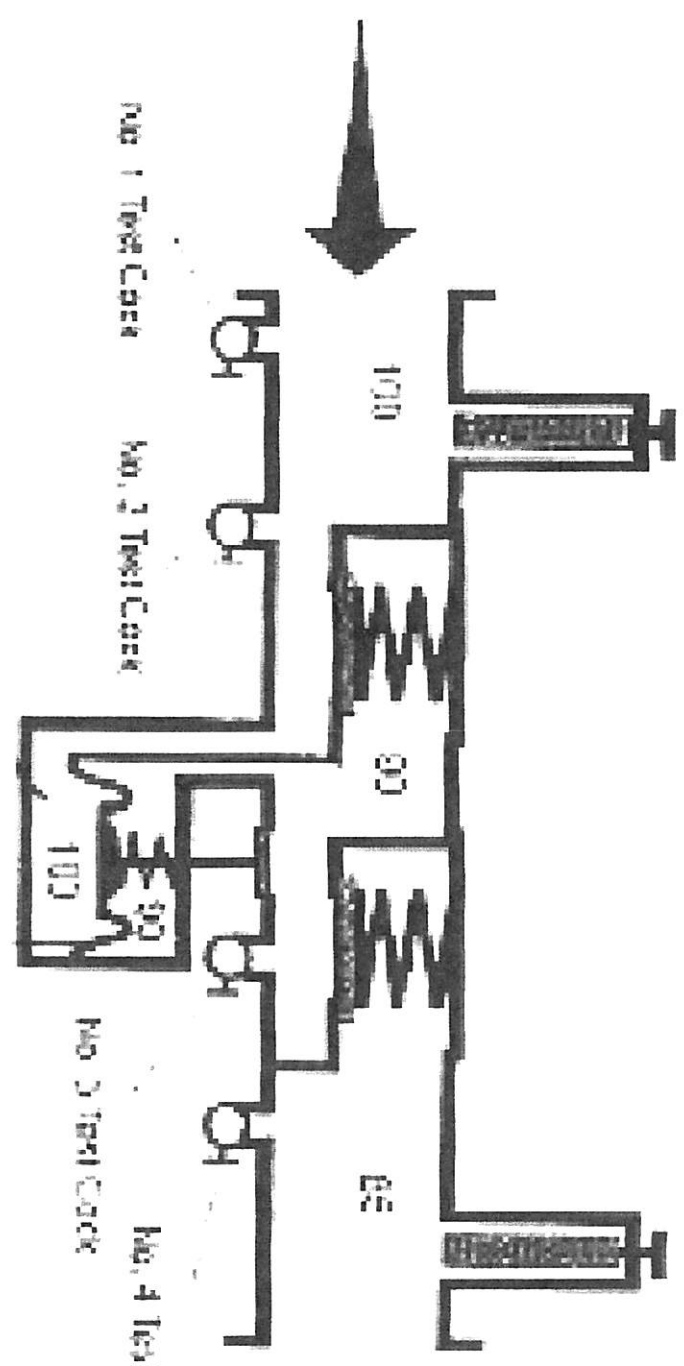


Fig. 2 Struff Valve

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Fig. 1 Test Case

Fig. 2 Test Case

Fig. 3 Test Case

Fig. 4 Test Case

# Test and Troubleshoot a DC

Close #2 SOV

Attach High Hose to TC #2  
and Site Tube to TC #3

Open TC #2 and bleed the gauge and Hose  
Open TC #3 and fill the site tube

**#1 Ck fouled open.  
Assembly fails**

Reading <  
1.0 PSID

Holding Gauge at the water level, close # 1 SOV and open TC #3

Reading >  
1.0 PSID

#1 Ck passed.  
Goto #2 Ck test

Water continues to run out of TC #3:  
Open bleed off arrangement to control water level at the top of the site tube  
and record #1 Ck reading. #1 SOV leaking by

Open #1 SOV. Place the High Hose on  
TC#3 and the Site Tube on TC #4

Open TC #3 and bleed the gauge and Hose  
Open TC #4 and fill the site tube

Holding Gauge at the water level, close # 1 SOV and open TC #4

Water continues to run out of TC #4:  
Open bleed off arrangement to control water level at the top of the site tube and record #2 Ck  
reading. #1 SOV leaking by

**Reading < 1.0 PSID  
Assembly fails**

Water continues to run out of TC #4 and gauge goes to 0 using the bleed off assy:  
#2 SOV is leaking by w/ backpressure. Record #2 Ck reading

Reading > 1.0 PSID  
#2 Ck Passed

1

2

3

**Assembly Fails**

Water continues to run out of TC #3 and gauge goes to 0 using the bleed off assy:  
#2 SOV is leaking by w/ backpressure and fouled #2 Ck. Record #1 Ck

1

Water level drops in the Site Tube partially: #2 Ck is fouled

Water level drops all the way: Follow the water down to the center of the Assy – Record #1 Ck reading. #2 Ck is fouled and #2 SOV leaks by

2

Water level drops all the way: Follow the water down to the center of the Assy – Record #2 Ck reading. #2 SOV leaks by

3

**Reading < 1.0 PSID  
Assembly fails**

Reading > 1.0 PSID  
#2 Ck Passed

