

K-301 COMPRESSOR CONTROL

Rev. 10/6/82 TDR

	RUN	STANDBY	MANUAL OFF	AUTO OFF (COV)	ON LOA
A		X		X	X
B		X		X	X
C		X		X	X
D		X		X	X
A		X	X		X
B		X		X	X
C		X		X	X
D		X		X	X
		X		X	X
B		X	X		X
C		X		X	X
D		X		X	X
		X		X	X
A		X		X	X
B		X		X	X
C		X	X		X
D		X		X	X

At 20% with level falling, all compressors shut down.

At 30% "A" compressor starts up, recycles for 2 minutes, then starts pumping.

At 30% "B" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 50% "C" compressor starts up, recycles for 2 minutes, then starts pumping.

At 50% "D" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 20% "A" compressor goes to recycle, all other compressors shut down. (Falling level)

At 25% level, "A" compressor starts pumping.

At 30% "P" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 50% "C" compressor starts up, recycles for 2 minutes, then starts pumping.

At 50% "D" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 20% with level falling, "B" compressor goes to recycle, all other compressors shut down.

At 25% level, "B" compressor starts pumping.

At 30% "A" compressor starts up, recycles for 2 minutes, then starts pumping.

At 50% "C" compressor starts up, recycles for 2 minutes, then starts pumping.

At 50% "D" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 20% with level falling, "C" compressor goes to recycle, all other compressors shut down.

At 25% level, "C" compressor starts pumping.

At 30% "A" compressor starts up, recycles for 2 minutes, then starts pumping.

At 30% "B" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 50% "D" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

	RUN	STANDBY	MANUAL	OFF	AUTO	OFF (COMP)	ON LOAD
A		X			X		X
B		X			X		X
C		X			X		X
D		X	X				X

At 20% level falling, "D" compressor goes to recycle, all other compressors shut down.

At 25% level, "D" compressor starts pumping.

At 30% level, "A" compressor starts up, recycles for 2 minutes, then starts pumping.

At 30% level, "B" compressor starts timing for 4 minutes and then starts up. It recycles for 2 minutes, then starts pumping.

At 50% level, "C" starts up, recycles for 2 minutes, then starts pumping.

NOTE: Any compressor that is in MANUAL will go to recycle at 20% level falling and will start pumping at 25% level rising.