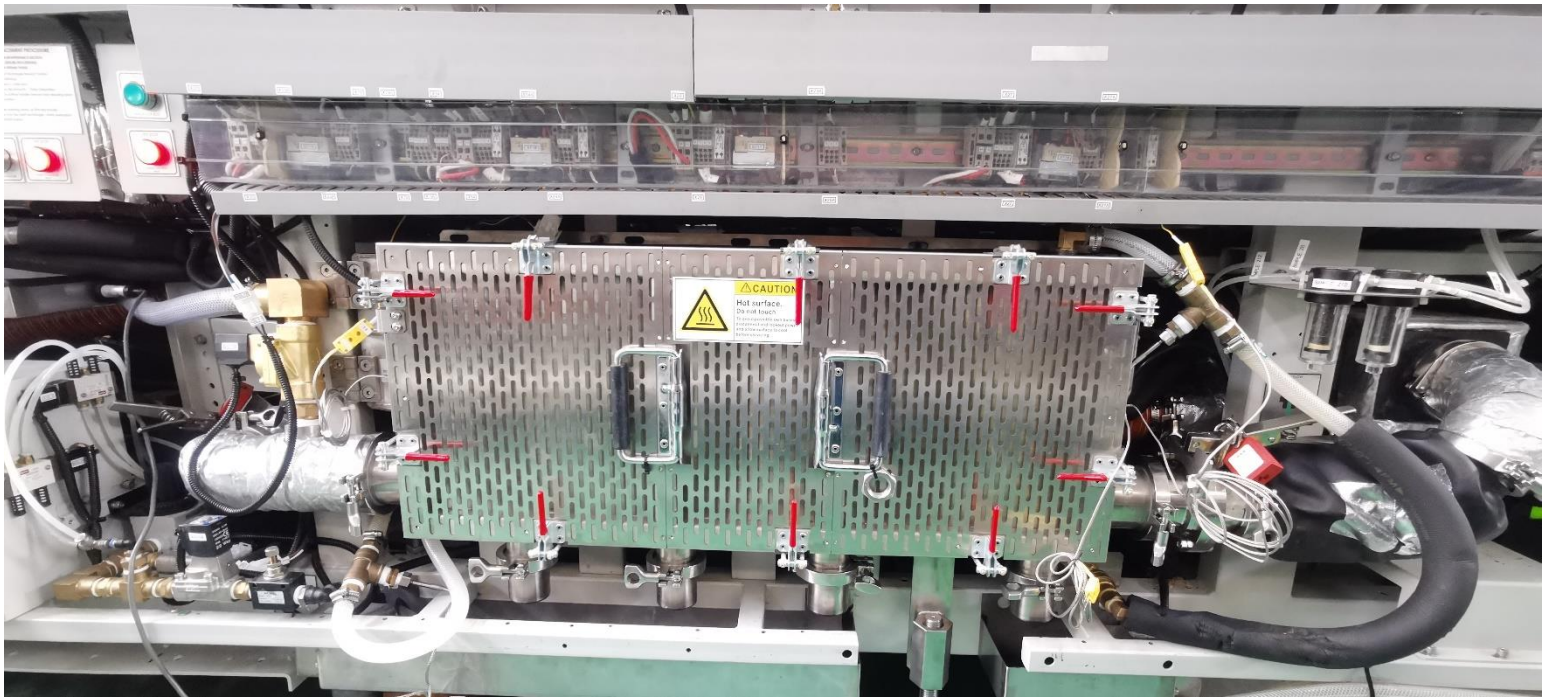
Reactor Return Gas into Big Flux Box Test



ALPHA water box Gas and water Temperature test											
		Temperature (℃)				Return pipe		O_2 PPM			
	Ambient	Water IN	Water OUT	Gas IN	Gas OUT	Gas IN	Gas OUT	Z6	Z12	C1	C2
After Retrofit	**25.5**	**17.5**	**20.2**	**136.3**	**48.8**	**180.6**	**163.0**	**4.4**	**9.0**	**71.8**	**179.2**

Reactor Return Gas into Big Flux Box Test

OP Data （After Modification）															
	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	TC 1	TC 2
OP (% .)	**19**	**6**	**5**	**1**	**4**	**8**	**1**	**1**	**0**	**5**	**14**	**11**	**13**	**5**	**24**
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	BC 1	
OP (% .)	**10**	**27**	**5**	**5**	**5**	**5**	**0**	**4**	**6**	**6**	**10**	**13**	**14**	**27**	

Reactor Return Gas into Big Flux Box Test

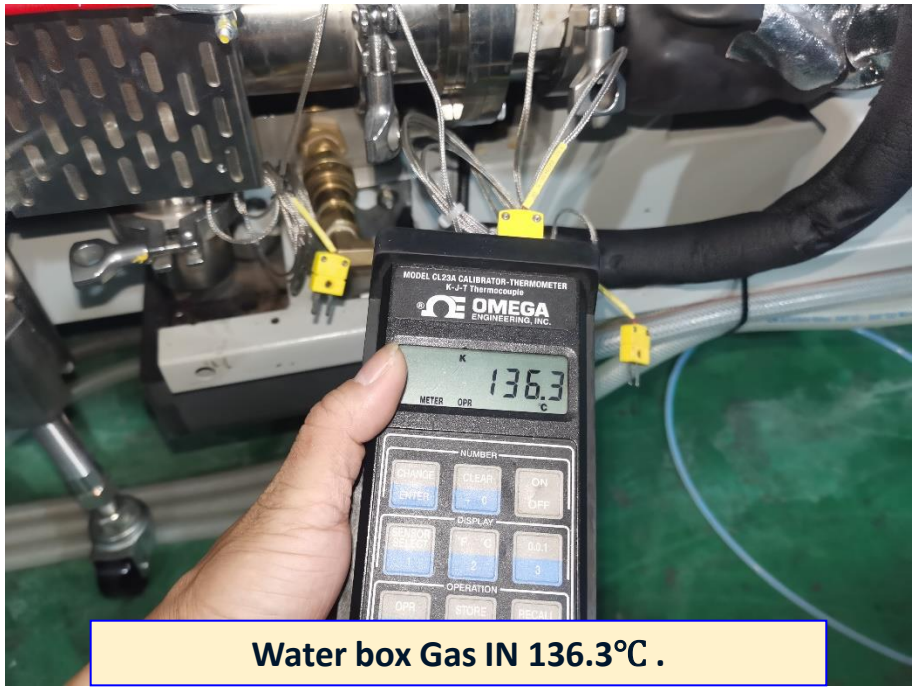
After Modification

Two TCs are placed to measure the reactor return gas temperature. One TC is located right after the heat exchanger pipe. The other TC is located right before the Tee flange before the remote exhaust box.

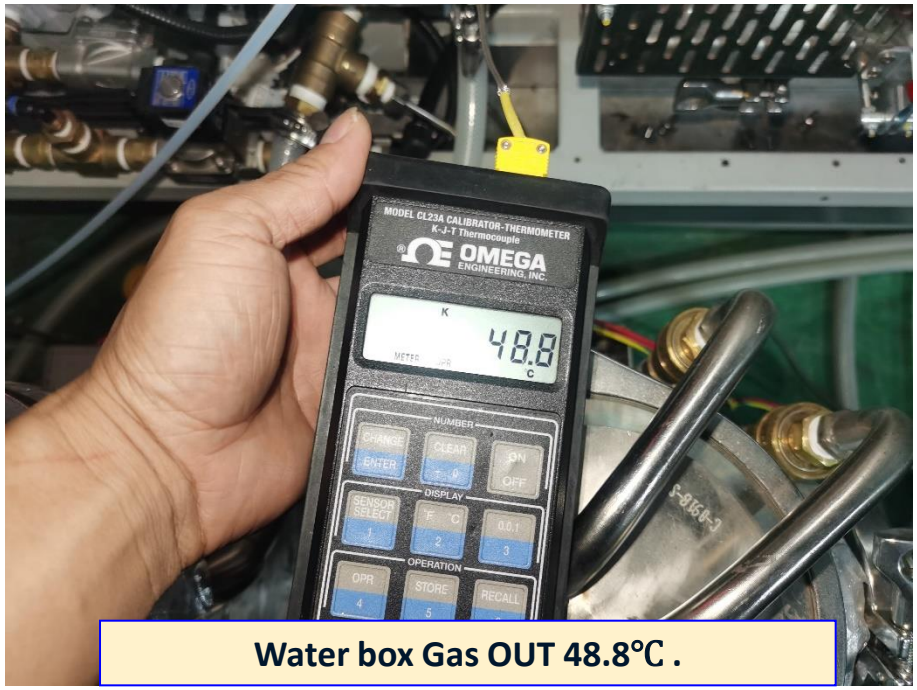
After the heat exchanger pipe: 180.6℃ .

Before the Tee flange: 163℃ .

Reactor Return Gas into Big Flux Box Test



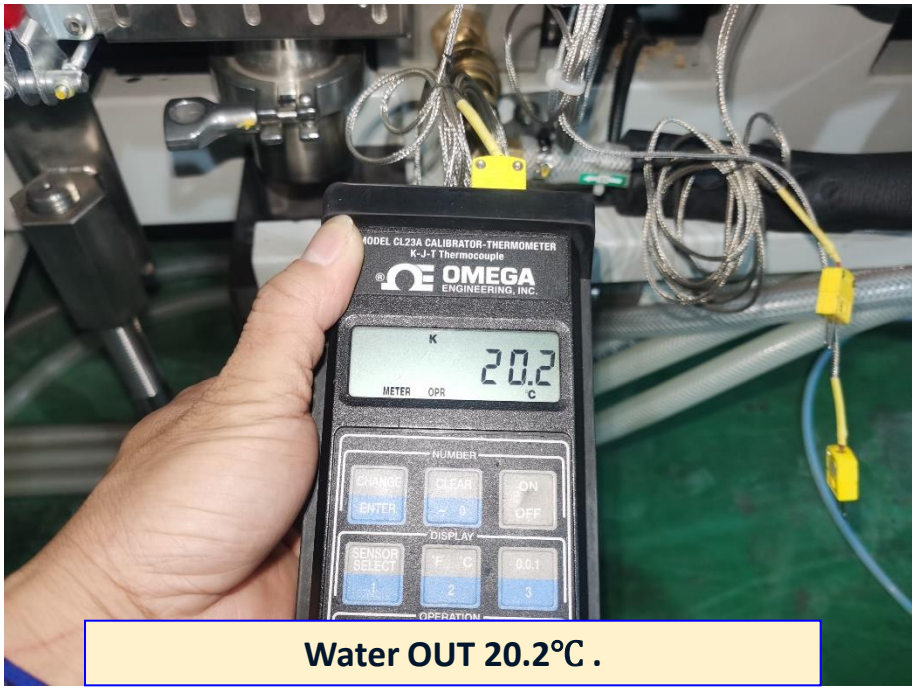
Water box Gas IN 136.3℃ .



Water box Gas OUT 48.8℃ .

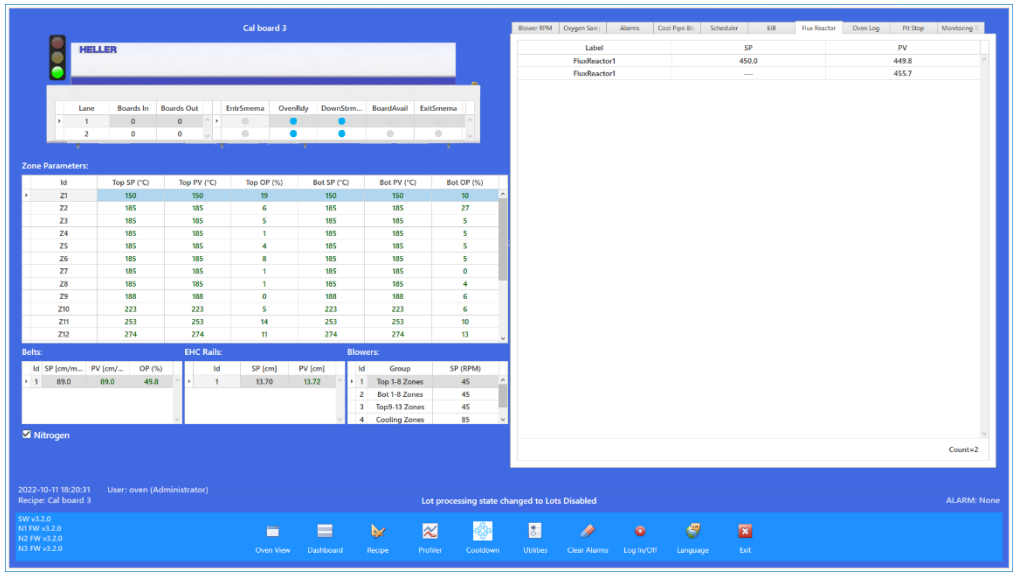
Reactor Return Gas into Big Flux Box Test

Water IN 17.5℃ .



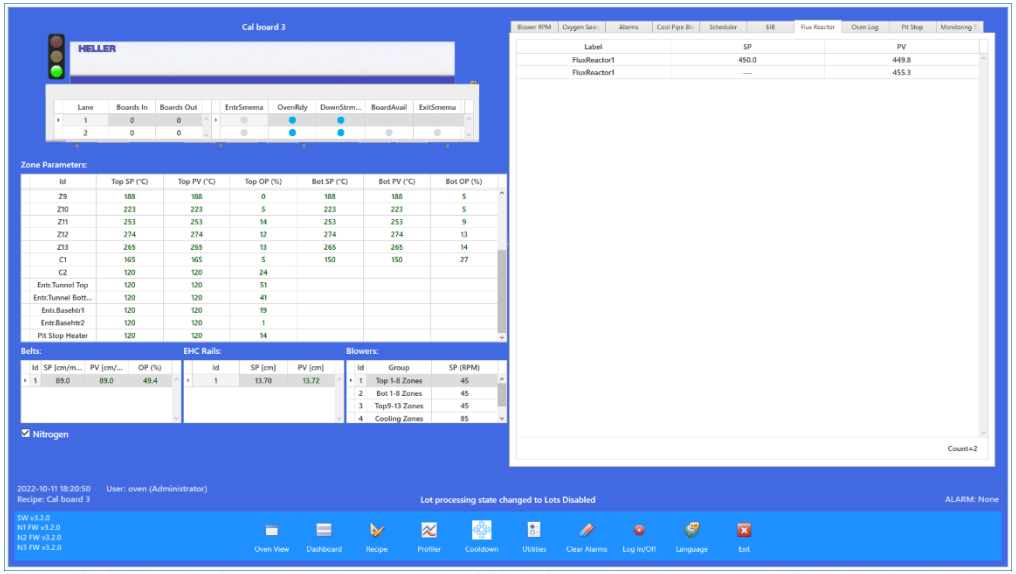
Water OUT 20.2℃ .

Reactor Return Gas into Big Flux Box Test

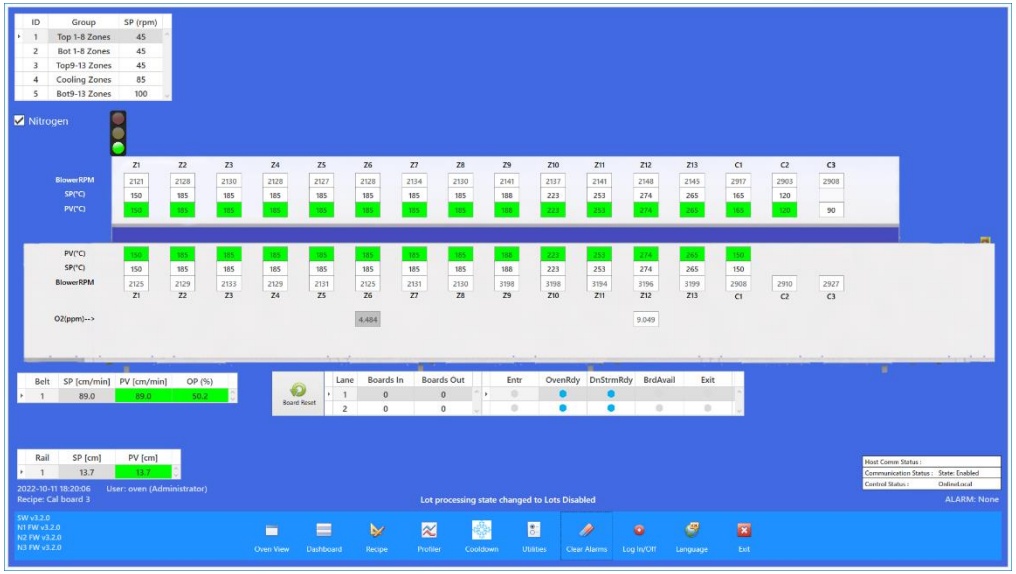


<< . Zone1~12 OP data .

Zone13~cooling OP data . >>



Reactor Return Gas into Big Flux Box Test



<< . Zone6 & zone12 PPM data .

Cooling1~2 PPM data . >>