8.1 Test Cases

S.NO	Water parameter values	Motor status	RESULT
01.	pH:7 Temperature:27 turbidity:12	Exhaust motor On :TRUE	Passed
02.	pH:8 Temperature: 21 turbidity: 26	Exhaust motor on:TRUE	Passed
03.	pH:5 Temperature: 32 turbidity:37	Exhaust motor on:TRUE	Passed
04.	pH:2 Temperature: 20 turbidity:27	Exhaust motor off :FALSE	Passed
05.	pH:5 Temperature:34 turbidity:67	Exhaust motor on:TRUE	Passed
06.	pH:7 Temperature:25 turbidity:45	Exhaust motor on:TRUE	Passed
07.	pH:3 Temperature: 35 turbidity:31	Exhaust motor on:TRUE	Passed
08.	pH: 3 Temperature: 23 turbidity: 41	Exhaust motor on:TRUE	Passed
09.	pH:7 Temperature: 25 turbidity: 22	Exhaust motor on:TRUE	Passed
10.	ph: 9 Temperature: 32 turbidity: 36	Exhaust motor off:FALSE	Passed
11.	pH:9 Temperature: 27 turbidity: 28	Exhaust motor off:FALSE	Passed
12.	pH: 7 Temperature: 27	Exhaust motor on:TRUE	Passed

	turbidity: 19			
13.	pH:4 Temperature:32 turbidity:45	Exhaust motor on:TRUE	Passed	
14.	pH:6 Temperature: 32 turbidity:35	Exhaust motor on:TRUE	Passed	
15.	pH:5 Temperature: 32 turbidity: 23	Exhaust motor on:TRUE	Passed	
16.	pH:7 Temperature: 24 turbidity: 32	Exhaust motor on:TRUE	Passed	
17.	pH: 3 Temperature: 32 turbidity : 18	Exhaust motor on:TRUE	Passed	
18.	pH: 5 Temperature: 19 turbidity:34	Exhaust motor on:TRUE	Passed	
19.	pH: 6 Temperature: 32 turbidity: 35	Exhaust motor on:TRUE	Passed	
20.	pH: 7 Temperature: 36 turbidity: 28	Exhaust motor on:TRUE	Passed	