May 10, 2022

Detector tube No. 155, Methylcyclohexanone, Instruction Manual Change

Gastec Corporation

Temperature correction factor/chart and correction factor for pump stroke will change, and also associated measuring range will change.

●Details of the change to the Instruction Manual:

Before the change:

Measuring Range	2 – 50 ppm	50 – 100 ppm
Number of Pump Strokes	3	2
Correction Factor	1	2

Tube Reading (ppm)	True Concentration (ppm)				
	0℃ (32℉)	10℃ (50℉)	20℃ (68℉)	30℃ (86℉)	40℃ (104℉)
50	100	75	50	40	35
30	50	37	30	26	23
20	28	23	20	18	16
10	13	11	10	9	8
5	5	5	5	5	5
2	2	2	2	2	2

After the change:

Measuring Range	2 – 50 ppm	50 – 80 ppm
Number of Pump Strokes	3	2
Correction Factor	1	1.6

Tube Reading (ppm)	True Concentration (ppm)								
	0℃ (32℉)	5℃ (41℉)	10℃ (50℉)	15℃ (59℉)	20℃ (68℉)	25℃ (77℉)	30℃ (86℉)	35℃ (95℉)	40℃ (104℉)
50	89	64	56	52	50	45	44	43	43
30	43	36	33	31	30	29	29	28	28
20	26	23	22	20	20	20	20	19	19
10	11	11	10	10	10	10	10	10	10
5	5	5	5	5	5	5	5	5	5
2	2	2	2	2	2	2	2	2	2