

Disposable Calibration Gas Standards

(Non Refillables)



PT MAJU TEKNIK
SEJAHTERA



NIST
National Institute of
Standards and Technology
U.S. Department of Commerce



Calibrate Your Detector
Cost Effectively and Accurately

Refinery
Petrochemicals
Exploration
Rigs
Gas Power Plant
Chemical & Fertilizer Plant
Coal Mines
Marine
Labs



BUMP TEST READY!!



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SN	Gas	Type	Reactive/Nonreact	Composition	Filling Pressure (in bar)	Filling Pressure (in bar)	Accuracy(%)	Stability
1	QUAD	PPM	Reactive	10/25/50ppm H2S/50/100ppm CO/50% LEL CH4/O2/N2	70	35	3	18 months
2	H2S	PPM	Reactive	5/10/25/50/75/100/200 PPMV H2S Bal N2/AIR	70	35	2	18 months
3	NO	PPM	Reactive	5/10/25/50/100/900 PPMV NO Bal N2	70	35	2	12 months
4	NO2	PPM	Reactive	5/10/25/50/ PPMV NO2 Bal N2	70	35	3	12 months
5	SO2	PPM	Reactive	5/10/25/50/100 PPMV Suphur Di Oxide Bal N2/Air	70	35	2	12 months
6	CL2	PPM	Reactive	5/10/25/50/100 PPMV Chlorine Bal N2/Air	70	35	3	9 months
7	HCL	PPM	Reactive	5/10/25/50/100 PPMV Hydrogen Chloride Bal N2/Air	70	35	3	9 months
8	NH3	PPM	Reactive	10/25/50/100 PPMV Ammonia Bal N2/Air	70	35	3	12 months
9	AIR	Zero	Non Reactive	99.999 % (Zero 20.8% bal N2) AIR	70	35	1	36 months
10	N2	Zero	Non Reactive	99.999 % (Zero) N2	70	35	1	36 months
11	C1	LEL	Non Reactive	10/20/25/30/50 % LEL CH4 Bal Air	70	35	2	36 months
12	C2	LEL	Non Reactive	20/25/50 % LEL Ethylene Bal Air	70	35	2	36 months
13	C3	LEL	Non Reactive	20/25/30/50 % LEL Propane Bal Air	70	35	2	36 months
14	H2	LEL	Non Reactive	20/25/50 % LEL Hydrogen Bal Air	70	35	2	24 months
15	iC4	LEL	Non Reactive	25/50 % LEL iso Butane Bal Air	70	35	2	36 months
16	nC4	LEL	Non Reactive	25/50 % LEL n-Butane Bal Air	70	35	2	36 months
17	nC5	LEL	Non Reactive	7/10/25/50 % LEL Pentane Bal Air	As Actual	As Actual	2	36 months
18	O2	%	Non Reactive	10/12.5/18/25 Vol/Vol Oxygen Bal N2	70	35	1	36 months
19	C1	%	Non Reactive	1.0/8.0 % v/v CH4 Bal N2	70	35	2	24 months
20	CO	PPM	Non Reactive	5/10/25/50/100/200/500 PPMV CO Bal N2/AIR	70	35	2	24 months
21	CO2	%	Non Reactive	2.0/2.5/5.0 Vol/Vol Carbon Di Oxide Bal N2	70	35	2	24 months
22	iC4	%	Non Reactive	8% /10% Vol/Vol iso Butane Bal N2	15-20	15-20	2	36 months
23	C1	PPM	Non Reactive	10/25/50/100 PPMV CH4 Bal N2	70	35	3	36 months
24	C2	PPM	Non Reactive	10/100/500/1000 PPMV Ethylene Bal Air	70	35	2	24 months
25	C6	PPM	Non Reactive	100/500/1000 PPM Vol/Vol Benzene Bal N2	70	35	2	24 months
26	CO2	PPM	Non Reactive	200/500/750/1000 PPMV Carbon Di Oxide Bal N2	70	35	2	24 months
27	H2	PPM	Non Reactive	100/500/1000 PPMV Hydrogen Bal Air	70	35	2	24 months
28	iC4	PPM	Non Reactive	20/50/75/100 PPMV Iso Butylene Bal AIR	70	35	2	24 months
29	C6	PPM	Non Reactive	100/500/1000 ppb Vol/Vol Benzene Bal N2	70	35	2	24 months
30	C6	LEL	Non Reactive	25/50 % LEL Benzene Bal Air	As Actual	As Actual	2	24 months

Cylinder Size	Filling Pressure	Dimensions (Height x Dia) mm
Caliport- 34	300 PSI	365 x 90 (1.2 Kgs)
Caliport- 34	1000 PSI	250 x 65 (0.6 kgs)
Caliport- 60	500 PSI	365 x 90 (1.2 Kgs)
Caliport- 60	1740 PSI	250 x 65 (0.6 kgs)
Caliport - 118	1000 PSI	365 x 90 (1.2 Kgs)

Cylinder Material & Valve

Aluminium- as per ISO 11118
Connection C10 Valve (5/8" - 18)

Standards NPL & NIST traceable

Manufactured Gravimetrically
to ISO 6142

Stability

Non-Reactive Gases	36 Months
Ethanol/Methanol	24 months
H2S, SO2, NO, Four Gas Mix, NO2	18 months
Cl2 and HCl (min 5 PPM)	9 months

Mixture Accuracy

Minor Components are Certified to the Following Tol.

2- 20 ppm = +/- 10%

21- 50ppm = +/- 5%

51-300ppm = +/- 2%

Equipment

- Cylinder valve compatible with all major manufacturers regulators
- Fixed flow regulators available at 0.5, 1.0, 2.5 and 3.0 LPM
- Variflow regulator (non-reactive gases)
- Demand flow regulators



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