

Announcing a new supplier of environmentally excellent gases for the Appliance Testing market..



If you use G Test Gases, you now have MORE choice!

Green Gases Ltd can offer you:

- The optimum gas for the job whatever the testing requirement
- Any volume from single cylinder compressed gases to large quantities of liquefied gases.
- Cylinder and multiple cylinder banks (up to 16cyl) at low start up cost.
- Excellent technical support on the use and application of gases with comprehensive after sales service to our customers.
- Excellent value for money - please contact us for a quote.
- A 'carbon statement' showing how your ethical purchase is helping the environment.
- Free technical audit of your gas supply system.

Green Gases Ltd is a provider of "Appliance Test Gases" for Research and Development as well as production, quality & online testing applications. These gases are Called as "G Test Gases" within the trade and as with all our products they have very high environmental credentials – when you buy our gases you reduce greenhouse gas emissions due to investments we make in environmental activities. Our "Green G Test packaged" gases are supplied to all appliance types from industrial boilers to white goods. Whether your requirements be single cylinders, banks or trailers of compressed test gases we can supply all your needs. All Green G Test Gases are manufactured and comply with EN 437: 1994 (which superseded BS4947 1984). Green Gases Ltd understands the importance of having the correct type of Appliance Test Gases for you burner tests, so all Green Gases Ltd product can be certified upon request.



Commonly used test "Green G Test" supplied by Green Gases are:

Test Gas Name*	Application	Composition (Vol %)	Valve Type** (BS #341)	Cylinder Size
20	RG	100%CH ₄	#4	50Lt
21	IC,SL	87% CH ₄ , 13% C ₃ H ₈	#4	50Lt
23	FL	92.5% CH ₄ , 7.5% N ₂	#4	50Lt
24	OL	68% CH ₄ , 12% C ₃ H ₈ , 20% H ₂	#4	50Lt
25	RG, LB	86% CH ₄ , 14% N ₂	#4	50Lt
26	IC, SL, FL	80% CH ₄ , 7% C ₃ H ₈ , 13% N ₂	#4	50Lt
27	FL	82% CH ₄ , 18% N ₂	#4	50Lt
30	RG, IC, SL	50% nC ₄ H ₁₀ , 50% i C ₄ H ₁₀	#4	50Lt
31	RG, IC, SL, FL	100% C ₃ H ₈	#4	50Lt
32	SL, LB	100% C ₃ H ₆	#4	50Lt
110	RG, IC, FL, SL	26% CH ₄ , 50% H ₂ , 24% N ₂	#4	50Lt
112	LB	17% CH ₄ , 59% H ₂ , 24% N ₂	#4	50Lt
222	LB	77% CH ₄ , 23% H ₂	#4	50Lt
231	FL	85% CH ₄ , 15% N ₂	#4	50Lt

Application references:

RG – reference gas,

IC – incomplete combustion gas,

SL – sooting limit gas, FL – flame lift limit gas,

LB – light back limit gas, OL – overheating limit gas.

* Test gases can be supplied with a Wobbe index and Calorific value.

** DIN 477 Valves could also be fitted to cylinders upon request.

Gas supply systems are a major but sometimes overlooked area of gas supply - there is no point buying quality gases only to have the purity of the gas compromised. Fine leaks on the supply line or inferior materials within the gas control system undermine results and are all too often seen by our engineers.

The solution is to book a technical audit with Green Gases Ltd where one of our engineering staff will produce a simple list of recommendations to solve quality problems.

If you want to go green without seeing red, call our sales team

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GREEN SOLUTIONS FOR A BLUE PLANET