



Kapuni Gas Treatment Plant Laboratory

Contact the Laboratory on 06 272 7938 or labgtp@vector.co.nz for pricing

Sample Type	Test	Method
Natural Gas	Sampling	ASTM D1265
	GC Composition	*ASTM D1945
	H ₂ S	Jerome 631-X/Gastec
	Calculations	ISO6976:2016(E)
Liquefied Petroleum Gas	Sampling – pressure cylinder	*ASTM D1265
	Sampling – floating piston cylinder	*ASTM D3700
	GC composition	*ASTM D2163
	Moisture	KF Coulometer
	Calculations – Specific gravity	ISO6976:2016(E)
Compressed Carbon Dioxide	GC Composition	*In-house method
	Moisture	Meeco Waterboy 2
	H ₂ S	Jerome 631-X
All waters	pH and conductivity	Hach meter
Boiler/filtered waters etc	Silica	APHA 4500-Si D
Cooling waters	Chlorine (free)	APHA 4500-Cl G DPD colorimetric method
	Calcium hardness	APHA 3500-Ca D EDTA Titrimetric method
	Chlorides	APHA 4500-Cl B Argentometric Method
	Iron in waters	APHA 3500-Fe D Phenanthroline Method
	Suspended Solids	APHA 2540 D
Natural waters (river etc)	Sodium/Potassium	Flame photometer
	Ammonia	Nessler's
	Turbidity	APHA 2130 B
Compressor coolants	Sodium Nitrate	Titrimetric

* IANZ accredited

Methods referencing APHA = APHA Standard methods for the examination of water and wastewater 19th edition