

**OCTAGON DEVELOPMENTS - OVERBYE, SOUTH ROAD, ST GEORGES HILL,
WEYBRIDGE, SURREY KT13 0NA**

Gas Services – Loading Estimate

Item	Description	Input	
		KW	m ³ /hr
01.	Boilers	170	15.64
02.	Glass fronted gas fire	13	1.21
03.	Catering Kitchen – Assume large gas range (8 burner hob and oven)	60	5.52
04.	Allowance for possible hob in Family Kitchen	20	1.84
05.	Allowance for possible hob in Staff Kitchen	20	1.84
06.	Allowance for possible external fire/BBQ basement and ground floor terraces	40	3.68
		323	29.72
	Contingency +10%	32	2.97
	Total connected load	355KW	32.69 m³/hr

Notes:-

1. A U.40 (40m³/hr) size gas meter will be required to meet the estimated load and this will provide ample space capacity for possible future additional loads.
2. If any additional loads over and above what has been allowed for are envisaged, it will be important to have details at an early stage in order to make sure that the distribution pipework is adequately sized