

Commercial / industrial gas pipe fitter

The qualifications you need to be a commercial pipe fitter are:

COCNPI1LS	Core (limited scope)
ICPN1LS	First-fix pipework (limited scope)
TPCP1A	Tightness testing and purging

Our next course starts **Monday 19 October**. Prerequisite **on-job experience** requirements are given in Table 2 overleaf. Total cost (including certification) is £ 732.50 + VAT = £ 879

Full-scope commercial gas engineer

To work on appliances you need the full scope core COCNI and relevant qualifications for each appliance type you want to work on. You can also add pipework qualifications. For example:

COCN1	Core (full scope)	£ 340 + VAT = £ 408
CIGA1	Boilers & flued air heaters	£ 80 + VAT = £ 96
CORT1	Radiant tube & plaque heaters	£ 80 + VAT = £ 96
CDGA1	Direct-fired (unflued) air heaters	£ 0
ICPN1	First-fix pipework	£ 80 + VAT = £ 96
TPCP1A	Tightness testing and purging	£ 85 + VAT = £ 102

Before taking full scope core for the first time, you must complete a **managed learning programme (MLP)** consisting of:

- **Off-job training** over a total of 6 weeks at the training centre, and:
- **On-job experience** over a minimum of 6 months in the workplace.

On-job experience must be directly supervised by a Gas Safe-registered engineer and recorded in a portfolio (provided by RAD Training). It can be started before off-job training and can include any relevant supervised gas work undertaken in the last 2 years as long as sufficient details of the jobs are available and the supervisor is available to sign the portfolio job sheets.

Please note RAD Training cannot source supervisors for on-job experience. Our MLP is designed for people who have a colleague, friend or relative in the gas industry able to act as supervisor.

The start date of our next full scope commercial MLP is **Monday 5 October**.

The MLP cost is £ 3000 + VAT = £ 3600. An initial deposit of £ 600 secures a place on the course and covers the first week's training. The remainder is paid in instalments of £ 600 at the start of each week.

Table 1 – Off-job training schedule

Week	Start date	Days	Main topic	Focus	Method
1	5 Oct	5	General gas safety		Group
2	12 Oct	5	General gas safety		Group
3	19 Oct	5	Commercial pipework and appliances		Group
4	Flexible	$\frac{1}{3}$	Formative tests	Safe electrical isolation	One-to-one
	Flexible	$\frac{1}{3}$		Gas legislation	One-to-one
	Flexible	$\frac{1}{3}$		Tightness testing	One-to-one
	Flexible	$\frac{1}{2}$		Unsafe Situations	One-to-one
	Flexible	1		General gas safety	One-to-one
	Flexible	1		Controls	One-to-one
	Flexible	1		Commercial gas safety	One-to-one
5 – 6	Semi-flexible	1	Pipework installation	Pipe fittings and joining methods	Group
	Semi-flexible	1	Appliance training	Install; service; repair	Group
	Flexible	3	Mock exams and practice exercises	Individual weak points	One-to-one
	Various	2	Refresher training	All topics	Group
	Flexible	1	Portfolio review	End of course checks	One-to-one

Table 2 – On-job experience schedule

	Commercial pipework jobs			Commercial appliance jobs		
	Install	Tightness test	Purge	Install and commission	Service	Safety check or breakdown
COCN1	4 ^{Note 1}	5 ^{Note 1}	5 ^{Note 1}	-	2	2
COCNPI1LS	4 ^{Note 1}	5 ^{Note 1}	5 ^{Note 1}	-	-	-
ICPN1(LS)	7 ^{Note 2}	-	-	-	-	-
TPCP1A	-	7 ^{Notes 2, 3}	7 ^{Note 2}	-	-	-
CIGA1	-	-	-	2	2	2
CORT1	-	-	-	2	2	2

Note 1: this can include gas pipework of 35 mm diameter and smaller on commercial premises.

Note 2: this must be gas pipework above 35 mm diameter.

Note 3: a strength test would also be acceptable.