

Central heating and gasnetworksystem fitter A2

I. Reading Comprehension Tasks

Task 1: What types of heating systems have you learned about?

Task 2: Read the text about central heating. You can ask help from your teacher or consult a dictionary.

Central heating installation cost

A central heating installation could be costly depending on how many radiators you need and where you place your boiler. Instead of paying for your central heating all at once, you could spread the cost with monthly payments over four years, interest-free. We are a credit broker and not a lender. There's no additional charge, meaning you'll only pay for the central heating (includes new boiler, radiator and meter) in your home.

A new central heating system from us includes:

- An A-rated Worcester Bosch boiler, guaranteed to be 94% efficient
- A new meter, pipework and as many radiators you need
- A professional installation from a Gas Safe registered engineer, with free removal of your old central heating
- A free system cleanse of your boiler to maximise efficiency
- Up to a 10-year manufacturer's guarantee to protect your boiler
- The option to buy a smart thermostat to control your heating from your phone

How does central heating work?

The boiler uses gas to heat up water.

An electric pump in the boiler pushes the heated water around your radiators and to your hot water tank if you have one.

As the water flows through the central heating radiators, it gives off some of its heat to warm up your rooms.

The heated water also flows to your taps and showers when you switch them on.

A thermostat monitors the temperature and switches the gas-powered wet system off when it's hot enough.

“The whole process was really quite quick and I’m really happy with the result. I now have a warm house.”

Jane from Leominster

Task 3: Read the text again (Task 2) and decide if the following statements are true (T) or false (F).

1. The central heating installation costs do not depend on the number of radiators.
2. The central heating system includes a boiler, a new meter, pipework and radiators.
3. The company cleans the boiler to maximise efficiency.
4. They remove the old central heating.
5. The boiler uses air to heat up water.
6. You can buy a smart thermostat to control heating on your smart phone.
7. You can’t use the hot water for showering.
8. The thermostat switches the system on when it’s hot enough.
9. A water pump pushes the heated water around the radiators.
10. You get a 10-year manufacturer’s guarantee for the boiler.

II. CV Tasks

Task 1: Read the following CV and try to understand it. You can use a dictionary.

Gas Fitter Resume Example

CONTACT INFORMATION

- Mr Ryan Taylor
- 475, Kings Road,
- Seattle, Washington, 90402,
- United States
- (555)-555-0087
- exampler.taylor@1001sampleresumes.com

WORKING EXPERIENCE

- **Hondabo Enterprises**
 - Seattle, Washington
 - August 2019 - August 2021
 - Gas Fitter
 - Measured, cut, thread and assemble new pipe, placing the assembled pipe in hangers or other supports.
 - Performed rough-ins, repaired and replaced fixtures and water heaters, and located, repaired, or removed leaking or broken pipes.
 - Cut pipe and lifted up to fitters.
 - Installed gas burners to convert furnaces from wood, coal, or oil.
 - Immersed pipe in chemical solution to remove dirt, oil, and scale.
- **Spartans Inc**
 - Seattle, Washington
 - February 2018 - August 2019
 - Gas Fitter
 - Cut or drilled holes in walls or floors to accommodate the passage of pipes.
 - Fitted or assisted in fitting valves, couplings, or assemblies to tanks, pumps, or systems, using hand tools.
 - Mounted brackets and hangers on walls and ceilings to hold pipes.
 - Filled pipes with sand or resin to prevent distortion and held pipes during bending and installation.
- **Marvela Inc**
 - Seattle, Washington
 - February 2017 - February 2018
 - Gas Fitter
 - Cleaned shop, work area, and machines.
 - Excavated and graded ditches and laid and joined pipe for water and sewer service.

- Selected type and size of pipe, and collected and transported materials and equipment to work site.
- Disassembled and removed damaged or worn pipe.
- Cleaned and renewed steam traps.

KEY SKILLS

- Adjusting actions in relation to others' actions.
- Repairing machines or systems using the needed tools.
- Giving full attention to what other people are saying, taking time to understand the points being made, asking questions.
- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Talking to others to convey information effectively.

QUALIFICATIONS

- The ability to listen to and understand information and ideas presented through spoken words and sentences.
- The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
- The ability to communicate information and ideas in speaking so others will understand.
- The ability to quickly move your hand, manipulate, or assemble objects.
- The ability to generate or use different sets of rules for combining or grouping things in different ways.

Task 2: Write your own resume/CV with the help of the example and the following layout.

Layout of a CV/Resume

CONTACT INFORMATION

Name:

Date of birth:

Address:

Telephone:

E-mail:

Photo

WORKING EXPERIENCE (Vocational training)

Company	Position	Length of Service
... Ltd.	Student	2018-2021

KEY SKILLS

Ability to make decisions under pressure

Ability for hard manual work in all weather conditions

Good team player

QUALIFICATIONS

Dates	Institutions
2018-2021	... Secondary Technical and Vocational School, Nyíregyháza
2010-2018	... Primary School, Nyíregyháza

Special Qualifications

Dates	Qualification
2021	Driving licence (A, B category)

REFERENCES

Company	Instructor's Name	Phone
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HOBBIES, INTERESTS

Signature

III. Letter of Application / Cover Letter / Motivation(al) Letter Tasks

Task 1: Read the following motivational letter layout of a gas fitter and try to understand it. If you need, you can use a dictionary.

Gas fitter cover letter

To / Receiver

From / Sender

- Applicant full name
- Applicant Address
- Applicant contact no.
- Applicant email address

- Employer title/Name
- Employer position
- Organization name
- Organization address

Date:

Dear Hiring Manager,

This is to express my interest in "gas fitter" position advertised on June 13, 2014; My resume is enclosed for your review. Given my closely experience and excellent capabilities I would appreciate your consideration for this job. My work experience and duties are an ideal match for this position and cover all job requirements.

Your Requirements:

Expert Gas Fitter with at least 2 years of experience, excellent covers all position duties.

My Matching Career Experience:

For 3 years I worked as Gas Fitter.

My Job Responsibilities were to:

- 1) Install residential-type gas meters regulators in buildings, using handtools
- 2) Turn valve to adjust gas burners on appliances, using screwdriver
- 3) Inspect appliances to detect gas leaks, using portable testing device and notifies customer of needed repair
- 4) Shut off gas supply to installed meters, following instructions
- 5) Remove meters from vacated or abandoned buildings

6) Prepare work orders indicating data, like meter number, date, and location of installation.

I appreciate your time taken to review my credentials and experience.

I look forward to being interviewed at your earliest convenience. Lots of thanks for your consideration and care.

Sincerely,

[Sender/your name]

Encl.: Resume

Task 2: Complete the following letter of application with your personal data and with the help of the above cover letter.

Dear Sir/Madam,

I am writing to you in connection with the advertisement I have read in the Daily News. I would like to apply for the job of 1_____.

My name is 2_____, I am 3_____ years old, I studied at Inczedy György Vocational Training School in Nyíregyháza, Hungary and I want to work for your company.

I think I am suitable for the job, because I passed the vocational exam and I had vocational training at 4_____ Ltd. My teachers and instructors always said that I was polite, hardworking and friendly. As I am an entrant, I have only a little working experience.

Furthermore, I work quickly and precisely. After finishing the work, I clean up the 5_____. I have already installed 6_____. I can detect 7_____ on different appliances. I can 8_____ the wall for the pipes. I can make 9_____ joints. I have already 10_____ pipes to floor heating.

I hope my application will be taken into consideration. I am available for a job interview at any time. I am looking forward to hearing from you soon.

Yours faithfully,

11_____

IV. Small Talks Tasks

Task 1: Job Interview

The questions are removed from a job interview, you can find only the central heating fitter's answers here. Can you reconstruct the job interview? Make questions to the answers.

1. Good morning. My name is David Smith.
2. I was born on 23rd April in 2004 in Nyíregyháza.
3. I grew up in Nyíregyháza, Hungary. I was always interested in assembly work. I used to enjoy playing with pieces of metal, bolts and nuts, and creating cars, buildings, etc.
4. I studied at Inczedy György Secondary Vocational School. I have a vocational certificate. I am a central heating and gasnetworksystem fitter.
5. As I am an entrant, I don't have too much working experience. As a student I had one month professional practice every summer holiday and during the schoolyear 3 days practice a week.
6. I can install meters, I can detect gas leaks, I can read technical drawings of building services and make an installation sequence plan. I am familiar with pipe forming, pipe connection technologies and corrosion protection procedures I can make support structures for pipe networks. I have already done compactness test and pressure test.
7. I am precise, I can work in a team, I try to do my best. My qualifications make me suitable for this position.
8. I am a problem solver, able to perform under pressure, physically strong enough to work in all weather conditions.
9. I am nervous if I have to speak in front of an audience.
10. I would like to work for your company, but in a higher position.
11. I can start tomorrow.

Task 2: Problem solving: Act out the dialogue.



Problem: Pipe bending

Student A: Ask advice from your colleague which tool to use for pipe bending

Student B: Give advice to your colleague which tool to use for pipe bending

You can use the following key words: depend on the material, used by hands, for thinner and softer pipes, mechanical, handy conduit bender, on a rack/stand, make work easier, hard heavy tube, greater diameter, hydraulic system, need less effort, different angles, good quality, one-inch steel tube, best solution, with pleasure, you can count on me, Have a nice day at work.

V. Occupational Safety Tasks

Task 1: Do you know what PPE means? If no, ask help from your teacher or search for it on the Internet.

Task 2: Pipe fitting jobs are dangerous. You should always wear safety clothes and equipment. Look at the picture and name the safety clothes and equipment.



Task 3: Study and practise safety clothes on [quizlet.com](https://quizlet.com/439609618/safety-clothes-flash-cards/):

<https://quizlet.com/439609618/safety-clothes-flash-cards/>

VI. Dictionary for Central heating and gasnetworksystem fitters A2

1. adjust – beállít, igazít, szabályoz
2. angle – szög
3. appliances – készülékek
4. applicant – pályázó
5. assemble – összeszerel
6. boiler – vízmelegítő kazán
7. bracket – konzol
8. chisel – vés, véső
9. compactness test – tömörségi vizsgálat
10. copper - réz
11. cover all job requirements – fedi az összes munkaköri követelményt
12. depend on – függ valamitől
13. ditch – árok
14. drill holes – lyukat fúr
15. efficient - hatékony
16. electric space heater - elektromos térfűtő
17. employer – munkáltató
18. engineer - mérnök
19. entrant – pályakezdő
20. fireplace - kandalló
21. fixture – szerelvény
22. flow – áramlik
23. furnace - kemence, kazán, kohó
24. gas-fired heater - gáztüzelésű fűtőberendezés
25. hacksaw – fémfűrész
26. hanger or other support – akasztó vagy más tartószerkezet
27. heat pump - hőszivattyú

28. I would appreciate your consideration ... - Nagyra értékelném, ha fontolóra venné ...
29. installation – beszerelés, beállítás
30. instructor – oktató
31. interest-free – kamatmentes
32. lay pipes – csöveket fektet le
33. leaking or broken pipe – szivárgó vagy törött cső
34. make an installation sequence plan – szerelési sorrend tervet készít
35. measure – mér
36. meter – mérőóra, mérőeszköz
37. mount – szerel
38. need less effort – kevesebb erőfeszítésre van szükség
39. passage of pipes – csövek áthaladása
40. pipe / tube / conduit bender – csőhajlító
41. pipe connection technologies – csőkötési technológiák
42. pipe forming - csőalakítás
43. pipe joint – csőkötés
44. pipework – csővezeték
45. PPE, Personal Protective Equipment - védőeszköz, egyéni védőfelszerelés
46. pressure test – nyomáspróba
47. qualification – végzettség, képesítés
48. radiant heating (floor or wall heating) – hő sugárzó fűtés (padló- vagy falfűtés)
49. radiator distribution system - radiátoros elosztórendszer
50. screwdriver – csavarhúzó
51. spread – terjed
52. steel - acél
53. system cleanse of your boiler – a kazánrendszer tisztítása
54. technical drawings of building services – épületgépészeti műszaki tervrajzok
55. thread – menetet vág
56. vacated or abandoned buildings – üres vagy elhagyatott épületek

GINOP – 6.1.3-17-2018-00033 Nyíregyházi Szakképzési Centrum – Idegen nyelvi készségek fejlesztése Nyíregyházán és vonzásokörzetében

Angol C2 1 1 039 Angol nyelvi képzés KER A1 szinttől C2 szintig

Képzés nyilvántartásba vételi száma: E-001291/2015/C002

57. valve – szelep

58. welding torch - hegesztőpisztoly

59. wood-burning and pellet stoves - faégető és pellet kályhák

60. you can count on me – számíthatsz rám

VII. Applied Sources

I. Source of Reading Comprehension Tasks

<https://www.eonenergy.com/boilers/central-heating-system.html>

4th August 2021

II. Source of CV Tasks

<https://1001sampleresumes.com/resumes/resume-439/gas-fitter-resume-resume-sample>

4th August 2021

III. Source of Letter of Application / Cover Letter / Motivation(al) Letter Tasks

<https://jobdescriptionsandduties.com/cover-letter/55/gas-fitter-953364010/>

4th August 2021

IV. Sources of Small Talks Tasks

Source of pictures:

<https://www.ventil.hu/rothenberger-tube-bender-maxi-12-15-18-22mm-kezi-csohajlito.5081.phtml>

<https://www.conrad.com/p/rothenberger-pipe-bender-810849>

<https://www.hss.com/hire/p/conduit-bender>

<https://www.kijiji.ca/b-canada/hydraulic-pipe-bender/k010>

5th August 2021

V. Sources of Occupational Safety Tasks:

<https://www.indiamart.com/proddetail/personal-protective-equipment-13959401630.html>

<https://quizlet.com/439609618/safety-clothes-flash-cards/>

6th August 2021