

Key to Central heating and gasnetworksystem fitter A2

I. Key to Reading Comprehension

Key to Task 1: Types of heating (more possible solutions)

- Furnaces (forced air distribution system)
- Boilers. Boilers are special-purpose water heaters (Radiator distribution system)
- Heat Pumps.
- Gas-Fired Heaters.
- Electric Space Heaters.
- Wood-Burning and Pellet Stoves
- Fireplaces.
- Radiant Heating (floor or wall heating)
- Active solar heating.

Key to Task 3:

1. F, 2.T, 3.T, 4 T, 5.F, 6.T, 7.F, 8.F, 9.F, 10.T

III. Key to Cover Letter Tasks

Key to Task 2: several solutions are acceptable

1 central heating/gas fitter, 2 (student's name), 3 (student's age), 4 (student's vocational training company) for example: Sóstó Gáz-Ász Épületgépészeti Kft., 5 working area/workplace, 6 gas-meters/furnaces/boilers/heating systems, 7 gas leaks, 8 chisel, 9 pipe, 10 laid, 11 (student's signature)

IV. Key to Small Talks Tasks

Key to Task1: Possible questions:

1. **Good morning! Sit down, please. What's your name?**
2. **Where and when were you born?**
3. **Tell me about yourself.**
4. **What qualifications have you got?**
5. **Do you have any working experience?**
6. **What can you do as a central heating fitter?**
7. **Why should we hire you?**
8. **What is your greatest strength?**
9. **What is your greatest weakness?**
10. **Where do you see yourself in 5 years?**

11. And a final question. If I offer you the job, when could you start?

The reconstructed job interview:

- **Good morning! Sit down, please. What's your name?**
- Good morning. My name is David Smith.
- **Where and when were you born?**
- I was born on 23rd April in 2004 in Nyíregyháza.
- **Tell me about yourself.**
- 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.
- **What qualifications have you got?**
- I studied at Inczedy György Secondary Vocational School. I have a vocational certificate. I am a central heating and gasnetworksystem fitter.
- **Do you have any working experience?**
- 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.
- **What can you do as a central heating fitter?**
- 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.
- **Why should we hire you?**
- I am precise, I can work in a team, I try to do my best. My qualifications make me suitable for this position.
- **What is your greatest strength?**
- I am a problem solver, able to perform under pressure, physically strong enough to work in all weather conditions.
- **What is your greatest weakness?**
- I am nervous if I have to speak in front of an audience.

- **Where do you see yourself in 5 years?**
- I would like to work for your company, but in a higher position.
- **And a final question. If I offer you the job, when could you start?**
- I can start tomorrow.

Key to Task 2: Possible solution

A: Hello Peter!

B: Hi Paul!

A: Could/can you help me, please?

B: Yes, of course.

A: I need your advice. When I was a student, we used to have only one tool for bending pipes. Now there are four different pipe benders here. Which tool should I use to bend this pipe?

B: It depends on the material. The first and the second can be used by hands. They are for thinner and softer pipes. The third one is also mechanical, a handy conduit bender, but it's on a rack/stand which makes your work easier. The last one is for hard, heavy tubes with greater diameter. The hydraulic system helps you in bending, so you need less effort.

A: What's the difference between the first and the second?

B: You can bend different angles with them. Both are good quality, Rotherberger brand.

A: I have to bend this one-inch steel tube. So, what's your advice?

B: If I were you, I would bend it with this conduit bender which is on a rack/stand. However, I think the best solution is a hydraulic tube-bender.

A: I see. Thanks a lot.

B: With pleasure. You can count on me.

A: Thank you. Have a nice day at work!

V. Key to Occupational Safety Tasks

Key to Task 1:

Workers are always at risk for dangerous materials exposure and other working injuries, accidents, so they have to use PPE, Personal Protective Equipment. It is intended to make their job safer. It includes: overalls and protective aprons, protective headgear - safety helmets, safety boots or shoes, safety goggles, gloves, respirators and masks, earprotectors.

Key to Task 2:

hard hat/safety helmet – védősisak
wide brimmed hat - széles karimájú kalap
welding helmet – hegesztő pajzs
face shield – fejpajzs, arcpajzs
safety glasses/goggles – védőszemüveg
safety gloves – munkavédelmi kesztyű
apron – kötény
safety boots/shoes – munkavédelmi bakancs/cipő
rubber boots – gumicsizma
safety fittings – biztonsági szerelék
safety rope – biztosító kötél
ear protectors/earmuffs - fülvédő
earplugs – fül dugó
overalls – overál, kezeslábas
respirator – gázmaszk/ lélegzőkészülék
mask – maszk
hand and arm protection – kéz és karvédő
foot and leg protection – lábfej és lábszárvédő
Hi Vis safety vest – fényvisszaverő biztonsági mellény
first-aid kit – elsősegély csomag