


Where can welders work?

Vocabulary

Ex. 1. Match the words with their Russian equivalents.

1. mining		a. слой
2. wire		b. определение
3. rust		c. провод
4. heat		d. ржавчина
5. definition		e. тепло
6. goggles		f. защитные очки
7. layer		g. горное дело

Ex. 2. Complete the sentences with the given words:

invent, bend, ore, cut, cooled, longevity, overall, welding torch

The welder used a _____(1) to join the metal pieces together.

The metal became molten and then _____(2) to form a strong bond.

Iron _____(3) is used in the production of steel for welding.

The _____(4) of a well-made weld depends on various factors.

Be careful when you _____(5) the metal for welding projects.

Thomas Edison helped _____(6) many useful tools for welding.

To create a curve, you may need to _____(7) the metal slightly.

You should wear _____(8) protection when welding for safety.

Word Formation

Ex. 1. Change the form of the words to complete the sentences.

1. The _____(weld) carefully joined the metal pieces together.
2. The diver explored the _____(water) cave with a flashlight.
3. The _____(painted) walls needed a fresh coat of color.
4. The _____(treated) wood began to rot in the damp weather.
5. The _____(equip) malfunctioned during the important presentation.
6. The _____(care) driver caused an accident on the highway.
7. The government decided to _____(nationalize) the public transportation system.

Grammar

Ex. 1. Put the words in the correct order.

1. a / helmet? / you / welding / wear / do
2. dangerous / can / be / proper / training. / welding / without
3. a / the / mask. / uses / protective / welder
4. is / favorite / hobby? / welding / your
5. process. / during / welding / the / sparks / fly

Reading

Ex. 1. Read the text.

Where can welders work?

Welders are needed in many industries, including construction, shipbuilding, and manufacturing. They play a vital role in joining metals

together to build structures and products. Let's take a look at some of the places where welders work.

Construction sites

Welders are often found on construction sites, working on buildings, bridges, and other large structures. They may be involved in welding metal beams or reinforcing bars, or they may help create custom metalwork for the project. Welders in construction need to be skilled in various types of welding, such as arc welding and gas welding.

Manufacturing plants

Many manufacturing plants rely on welders to assemble their products. For example, car manufacturers use welding to join parts of the vehicle together. Welders working in manufacturing settings may use specialized techniques like robotic welding, which involves programming robots to perform the welding tasks.

Shipyards

Shipbuilders employ welders to construct and repair ships and boats. These welders often work with thick plates of steel and aluminum, using methods like shielded metal arc welding (SMAW) and flux-cored arc welding (FCAW). Shipyard welders may also work on offshore oil rigs and other marine structures.

Aerospace industry

Welding is crucial in the aerospace industry for building aircraft and spacecraft. Welders in this field must meet high standards of quality and precision, as even tiny defects can have serious consequences. They may use advanced techniques like laser beam welding and electron beam welding.

These are just a few examples of where welders can find employment. Welding is a versatile skill that is in demand across various industries. Whether it's building skyscrapers, repairing ships, or constructing airplanes, welders are essential for creating many of the things we rely on in our daily lives.

Ex. 2. Choose the correct answer.

A. Which industry is mentioned as a major employer of welders?

A. Automotive

B. Aerospace

C. Agriculture

D. Healthcare

B. What type of welding technique is used in shipbuilding?

A. Laser beam welding

B. Flux-cored arc welding

C. Robotic welding

D. Electron beam welding

C. In which industry do welders need to meet high standards of quality and precision?

A. Construction

B. Manufacturing

C. Shipbuilding

D. Aerospace

D. Which of the following is not mentioned as a location where welders work?

A. Oil rigs

B. Bridges

C. Skyscrapers

D. Offshore platforms

E. What is the main purpose of welding in the manufacturing industry?

A. Repairing products

B. Assembling products

C. Decorating products

D. Transporting products

F. Which type of welding is used to join metal beams and reinforcing bars on construction sites?

A. SMAW

B. FCAW

C. Gas welding

D. Arc welding

G. Where are welders commonly involved in creating custom metalwork?

A. Shipyards

B. Aerospace facilities

C. Construction sites

D. Manufacturing plants