

SAFETY RULES IN WELDING

15.1. Vocabulary

Ex. 1. Match the words with their definitions.

1. deface	a. отделять
2. pay attention	b. рабочее место
3. worksite	c. огнетушитель
4. confined place	d. обращать внимание
5. expose	e. утечка
6. insulate	f. подвергать
7. leak	g. первая помощь
8. fire extinguisher 	h. бедствие
9. hazard	i. закрытое помещение
10. humid	j. портить
11. slag	k. сырой
12. first aid 	l. шлак

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

worksite, Pay attention, first aid, humid, leak, fire extinguisher, slag, expose, confined, insulate, hazard, deface

The welder worked in a _____(1) place to finish the job quickly.

Be careful not to _____(2) the metal while welding it together.

A small _____(3) in the gas line can be dangerous for welding work.

_____ (4) to the temperature of the metal before welding it.

Some metals produce _____(5) when welded together.

Always keep your _____(6) clean and organized for safety when welding.

Welders must _____(7) their eyes to bright light when working.

Make sure to have a _____(8) nearby while welding.

Every welder should know basic _____(9) in case of accidents. Sparks flying during welding can be a _____(10) to nearby items.

Welding in a _____(11) environment may affect the quality of the welds.

To prevent accidents, always _____(12) yourself properly while welding.

15.2. Reading

Ex. 1. Read the text.

Safety Rules

Welding is a common process in metalworking and construction, but it comes with risks. To ensure safety while welding, it's important to follow certain rules. First, always wear appropriate protective gear. This includes a welding helmet, gloves, and flame-resistant clothing. Eye protection is crucial because the intense light from welding can cause severe eye damage.

It's also essential to work in a well-ventilated area. Welding produces fumes that can be harmful if inhaled. Ensure that your workspace has proper ventilation or use a fume extractor. Keep a fire extinguisher nearby, as welding sparks can easily ignite flammable materials.

Before starting, check all equipment for any damage. Faulty gear can lead to accidents. Also, never weld on containers that have held flammable substances, as they can explode.

Remember, safety should always be your priority. Following these rules can help prevent accidents and injuries, ensuring that your welding projects are completed safely and effectively.

Ex. 2. Answer the questions.

1. What are some examples of appropriate protective gear to wear while welding?
2. Why is eye protection crucial when welding?
3. Why is it important to work in a well-ventilated area while welding?
4. How can welding sparks pose a fire hazard?
5. Why should you check all equipment for damage before starting to weld?
6. Why is it dangerous to weld on containers that have held flammable substances?
7. Why should safety always be the priority when engaging in welding projects?

15.3. Communication

Ex. 1. Make sentences using the following words.

1. protective/goggles/welding
2. fire-resistant/clothing
3. fire/extinguisher/nearby
4. gas/leaks/starting
5. secure/workpiece/beginning
6. confined/spaces/ventilation
7. hot/metal/bare
8. sparks/flying/debris
9. procedures/handling/equipment
10. safety/training/courses