## This booklet will help you keep track of your work and take notes of your ideas, thoughts and answers. Please use it alongside the online material.

## ****In this interactive presentation you will learn about the content of this course and test your technical English.****

## ACTIVITY

## Test your Technical English!

**Slide 7: Fill in the missing words.**

**stored   restored   provided   supply   charged   measured   discharge   converting   connected**

**The battery and the charging circuit**

In a car, electrical energy (produced by chemical action) is  in the form of current flow to electrical components when they are  to the battery. As the battery continues to  current, all the available chemical energy  is used up. In order to supply additional current, the chemical energy must be  to the battery. The generator does this by sending current to the battery in the opposite direction to the . Whereas the battery is a chemical device, it should be noted that the generator is electro-mechanical,  mechanical power from the engine into electrical power. When the battery is being  by the generator, the voltage  across the battery is called the “charging voltage”.

**Slide 8: Complete the sentences with one of the following verbs in the correct form:**

**can repair    improve    launch    equip    can change    need    replace    not give**

(1) Next year all our old machines  by new ones. (2) The new concept  in 2019.  (3) Different kinds of machines  to complete the product range.  (4) Over the last 15 years, the design of the machines  so that they now meet the new safety regulations.  (5) Now all our machines  with sensors that stop them automatically. (6) Production  over from one product to another almost immediately. (7) I don’t know what happened; we  any explanation for the changes. (8) Whether or not this machine  depends on several factors.

**Slide 9-10:** **The words below are often used incorrectly. Cross out the wrong word.**

Our secretary **remembered / reminded** me to call our new client.

Wasteful use of energy will cause damage to our **surroundings / environment**.

Mr Swindon called **during / while** you were out.

You need to change the windows if you want to **retain / contain** the heat in your house.

We finally managed to **insulate / isolate** the three most dangerous bacteria.

Recycling will help **improve / approve** the environment.

**During / while** my stay in Italy I did not find the time to visit our new supplier.

Using our resources in a more **sensitive / sensible** way is more than important: it is necessary.

Can you **remember / remind** the price?

The head of the department **improved / approved** of my suggestion to reduce the noise level.

I agree that this is a nice house, but I don’t like its **surroundings / environment**.

We need a vessel that will **retain / contain** at least 1500 litres of braking fluid.

The fire was started by an electrical wire that wasn’t properly **insulated / isolated**.

This particular element is very **sensible / sensitive** to carbon monoxide. It detects very small amounts of it.

**Slide 11-14:** **Which of the words given is best for each gap? Don't forget to write the correct form of the verb.**

**consist of    contain   constitute**

 The primary water cycle  four main parts: the reactor, the pressurizer, the condenser and the water pump. The containment shell  a final barrier against the escape of radioactivity. The primary water  a certain amount of dissolved boric acid.

**to raise          to rise**

If water in the tank is heated, the hot water will  to the top while the relatively colder water will sink to the bottom of the tank. In the reactor the water temperature is  to about 540°F.

**amount             mass**

The  of boric acid that must be dissolved in the water will depend on the kind of fuel rods used in the reactor. For a chain reaction to take place a critical  of uranium fuel is required.

**to prevent              to protect**

To  any contamination, water from the primary water cycle must not come into contact with secondary water. The containment shell serves to  the reactor from outside as well as the environment from the escape of radioactivity.

**Slide 15-16:** **Type in the missing word(s).**

14+8=22 – fourteen plus eight  twenty two or    twenty two

100x20=2000 – one hundred   twenty equals two thousand or one hundred times twenty …

400:8=50 – four hundred   8 equals fifty

8² = 64 – 8  equals sixty four

20 = twenty to the  of seven

√100=10 – the   of one hundred equals ten

20m² = twenty square 

20m³= twenty  meters

0.48 inches = ough  four eight inches

**Slide 17: Match the equivalents.**

**30.48 cm 2.54 cm 91.44 cm**

|  |  |
| --- | --- |
| **1 inch** |  |
| **1 foot** |  |
| **1 yard** |  |

**Slide 18:** **Write in the missing part of the sentence:**

|  |  |
| --- | --- |
|  | it has low elasticity and high tensile strength. |
|  | it has low elasticity and low tensile strength. |
|  | it is malleable and/or ductile. |
|  | it has been significantly plastically deformed, but not broken. |
|  | it has been loaded beyond its ultimate tensile strength. |
|  | it has been extended to a point before its elastic limit. |

## YOUR NOTES

## How did you manage? How many mistakes did you have? Is there anything you need to revise?

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