

STAYIN' ALIVE
from the Motion Picture SATURDAY NIGHT FEVER

FLUTE

Words and Music by BARRY GIBB,
ROBIN GIBB and MAURICE GIBB

Moderately

The image displays a musical score for the flute part of the song 'Stayin' Alive'. The score is written on five staves of music. The first staff begins with a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The tempo is marked 'Moderately' and the dynamic is 'mf'. The melody consists of eighth and sixteenth notes with various rests and phrasing. A large red diagonal graphic is overlaid on the lower half of the page, partially obscuring the bottom two staves of the music.

TOTAL STAYING ALIVE

In search of the Bee Gees score

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PANIC IN THE ARCHIVES!

The score of "Staying Alive", the Bee Gees' hit song, has mysteriously vanished from international archives! Beyond a disco/pop monument, it is also a precious help in terms of health assistance which has gone off the radar.

You didn't know?

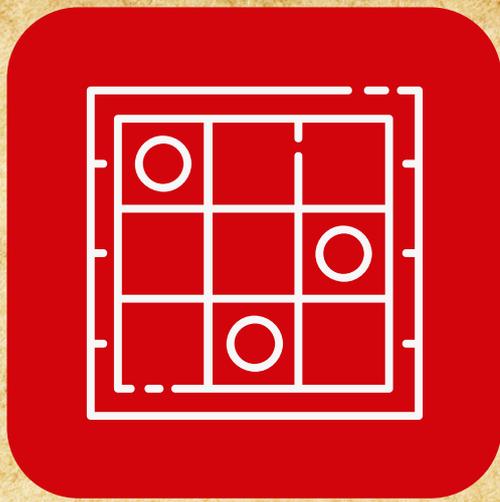
During a cardiac massage, this song is recommended to perform chest compressions with a perfect rhythm.

Without this song's score, it will be impossible to recall best practices in terms of reanimation.

You have a crucial task: solve the challenges dispersed in five modules. They relates to Total's high-risk activities! Each validated step will help you gather a piece of the score!

We won't forgive any mistake...

This safety game booklet contains all elements
that will help you through the game.



SET-UP

1. Carve the board game and the cards, printed in A3 format.
2. Place the board game in front of you and put an object that will serve as a pawn on this cell:



3. Stack the 20 "Musical notes" cards face up on one side of the board, and the 5 "High-risk activities" cards on another.



x20



x5

4. Grab a pen and continue to read the instructions in this booklet (printed in A4 format).



You are ready to play!



PLAYING RULES

During the game, you will have to move your pawn from cell to cell, each one representing a link to high-risk activities. This booklet works as a "book where you are the hero": while answering the questions, you will have to make choices that will point out the next page number.

- ➡ If you find the right answer, its corresponding number will guide you to the next page number!
- ➡ If you are wrong, you will be led to a "trap page", or on a page that is not matching the logical story sequel. You will have to try again!

Each time you answer a question, you will be asked to place a given "Musical Note" card on the cell where your pawn currently is, before moving it to the next cell. The game will end when all "Musical notes" cards have been turned over!

- Appendices (from page 36) will be very useful to you during the game. They contain game clues that you will need for certain questions.
- Hints can also be found on page 42 of this booklet: If you need help, please refer to the hint number corresponding to the page number where you are currently stuck!

CONFINED SPACES

You are at the very beginning of your training relating to Confined spaces!



Accidents occur on a regular basis owing to incomplete assessments of the risks inherent to confined spaces.

Be careful!

To start with, to prepare for any potential danger, can you list the characteristics of a confined space?

- 1** A space not designed to be permanently occupied
- 2** A space with a dangerous atmosphere
- 3** A space far away from the rest of the facilities
- 4** A space in which personnel can be confined in the event of a gas leak
- 5** A space where air is not naturally ventilated
- 6** A space where access is limited or difficult
- 7** A space partially or totally closed

Sump up the good answers' numbers to find the next page number!

Well done! You can flip over the note card



then place it face up on the cell



Move your pawn to the next down cell!



Handling powered systems involves significant risks such as electric shocks, heat burns, crushing, radiation, etc. The risks depend on the type of energy involved: electrical, heat, mechanical, ionizing radiation, etc.

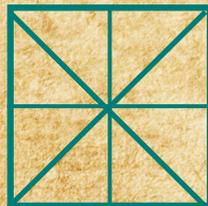
Look at the “Pictograms” elements in the appendices.

According to you, which risk is associated to the following energies:

1. Mechanical energy (hydraulic actuator, compressed spring, cooling tower fan...)?
2. Electrical energy (power lines, batteries, power cables, electrical pump drawer...)?

Complete and overlap the two roses of the correct pictograms in the appendices to see the next page be revealed! Be careful, the position level of the roses is important.

Visual of a complete rose:



Overlap the completed roses' lines of the 2 correct pictograms to see the next page number!

Well done! You can flip over the note card



then place it face up on the cell



You managed to get the "Confined Spaces" part of the score! You can place the corresponding "High-risk activity" card on the game board inset provided for that purpose.



All you have to do now is get out of the airlock before you start feeling the first symptoms caused by a lack of oxygen.

Grrrr. The door is locked!

Here's the clue located above the lock.



Use a piece of information in the appendices to help you finding the code to get out! Once you have found it, type it into the crossword puzzle located near the card yo have just laid down.

WORK ON POWERED SYSTEMS

Move your pawn to this cell:

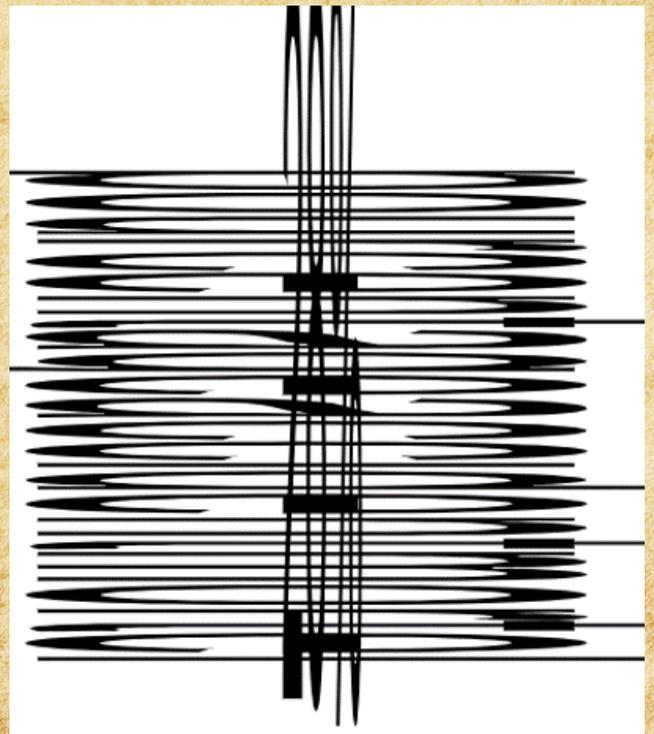


It's time to answer questions relating to the "Work on powered Systems" activity.

The 7th Golden Rule relating the "Work on powered systems" specifies obligations and prohibitions when working on energy systems. They can be electrical, mechanical, hydraulic, thermal, chemical...

Do you know what % of fatal accidents (excluding transportation accidents) are related to work or operations on powered systems?

You can decrypt it here



Divide this number by 14 and add 2 to find the next page number!

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



(the musical note should be visible). Move your pawn to the next right cell!



An alarm goes off!

You have reached the danger threshold for low oxygen levels in the atmosphere. At what percentage does the alarm go off?

The alarm is playing a sound which looks like morse code. You can see it transcribed below. It will maybe give you the answer! One element of the appendices in this booklet could help you understanding it...

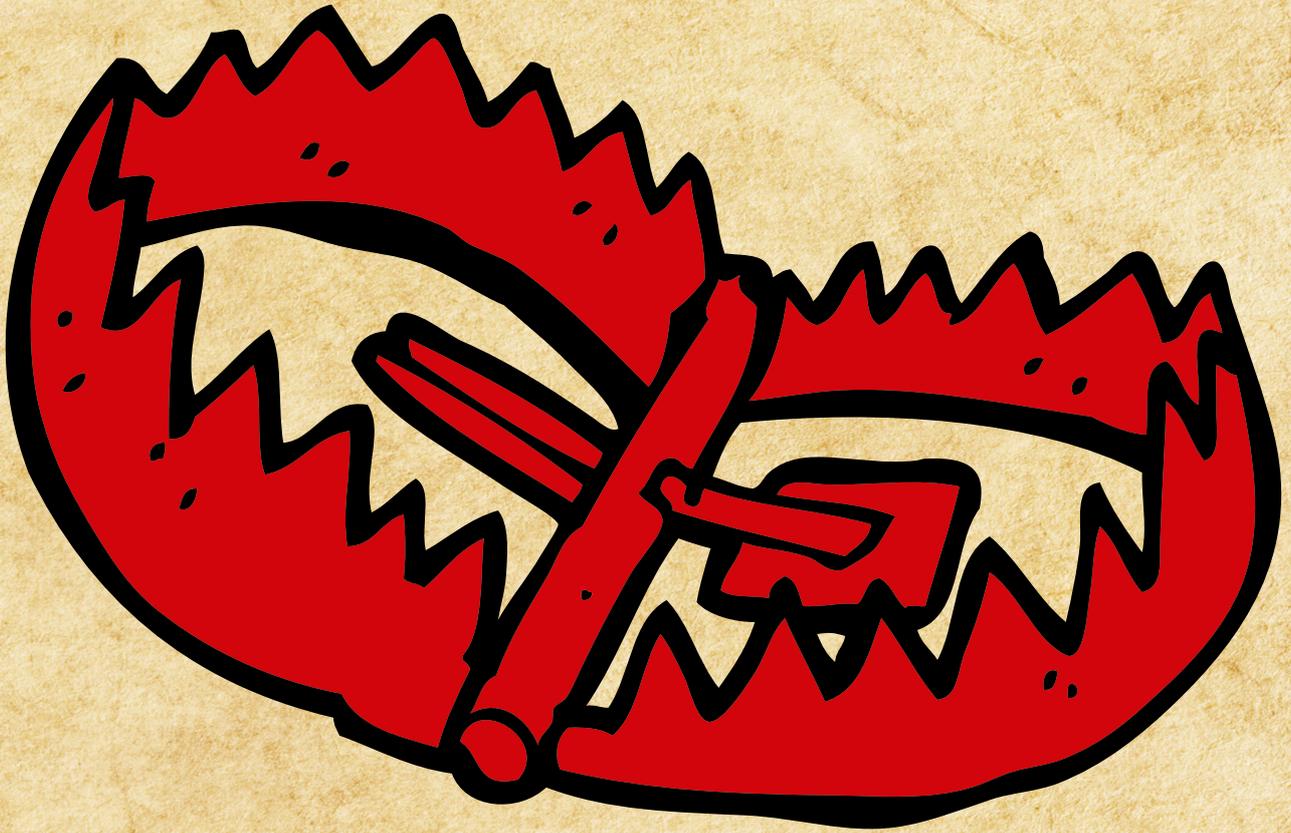


BIP BIIIP BIIIP BIIIP BIIIP

BIIIP BIIIP BIIIP BIIIP BIP

The danger threshold for low oxygen levels is equal to the next page number!

TRAP!!!

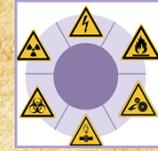


You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card 

read it out loud, then place it face up on the cell



(the musical note should be visible). Move your pawn to the next down cell!



As you may understand, risks can be very serious if not fatal. To be sure to validate your best practices knowledge at this stage, you will need to answer several questions. Otherwise, you will not retrieve the corresponding score piece!

1. Do you remember the Mostorod accident? Was the low quantity of gasoline (around 10 liters) sufficient to cause the explosion inside the 1,000 m³ tank?

NO **2** YES **5**

2. Ok, so let's imagine a scenario on the same subject. A 1,000 m³ gasoline tank is degassed so that work can be done inside. Which type of isolation is required before entering the tank?

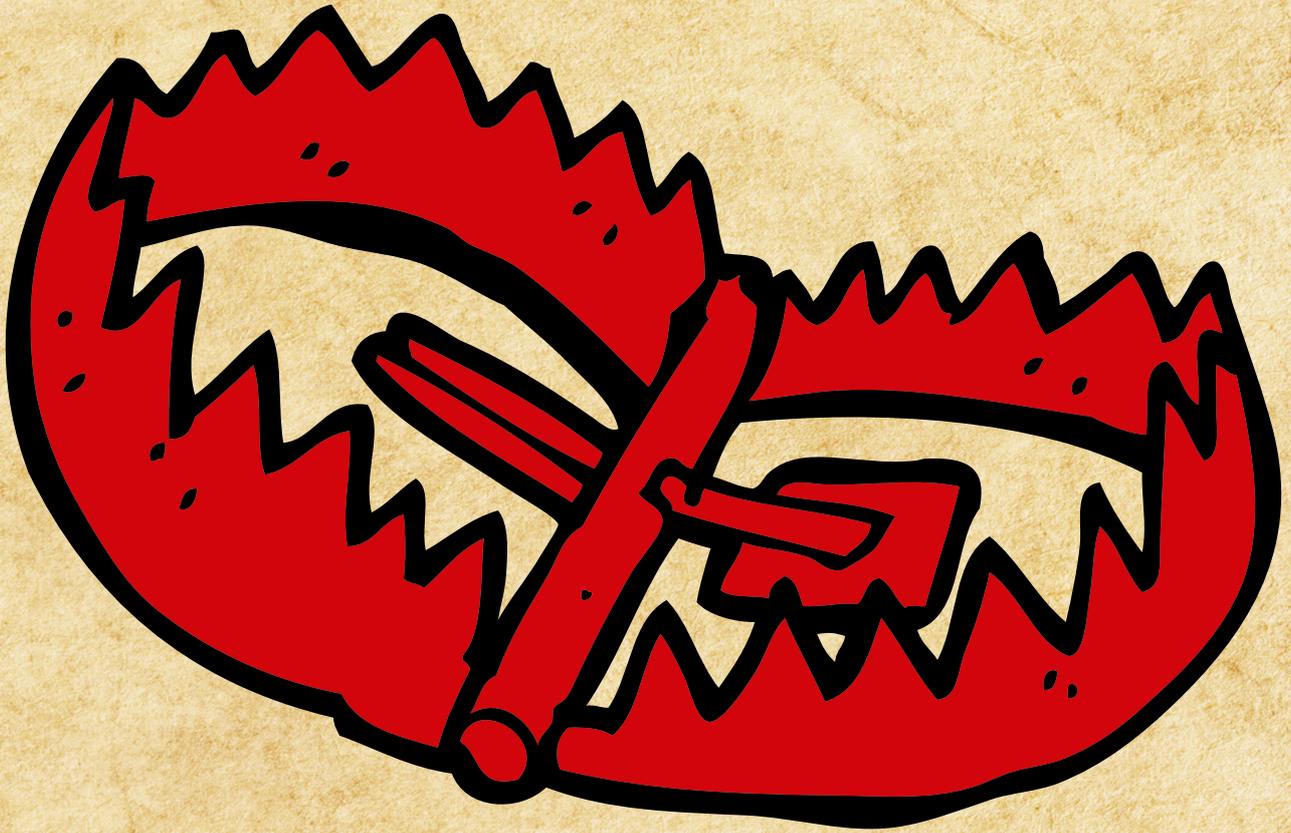
- You close all the valves and make sure they are tight **1**
- According to the insulation plan, you spade the tank or you physically disconnect all the lines connected to it **4**

3. A rotating machine has just been delivered and has to be installed. This machine is compliant with the Machine Directive! Choose your next action.

- You can install it without any further precautions. **5**
- You still have to do a risk assessment and add safety measures if necessary **2**

Sum up the good answers numbers to find the number of the next page!

TRAP!!!



You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card



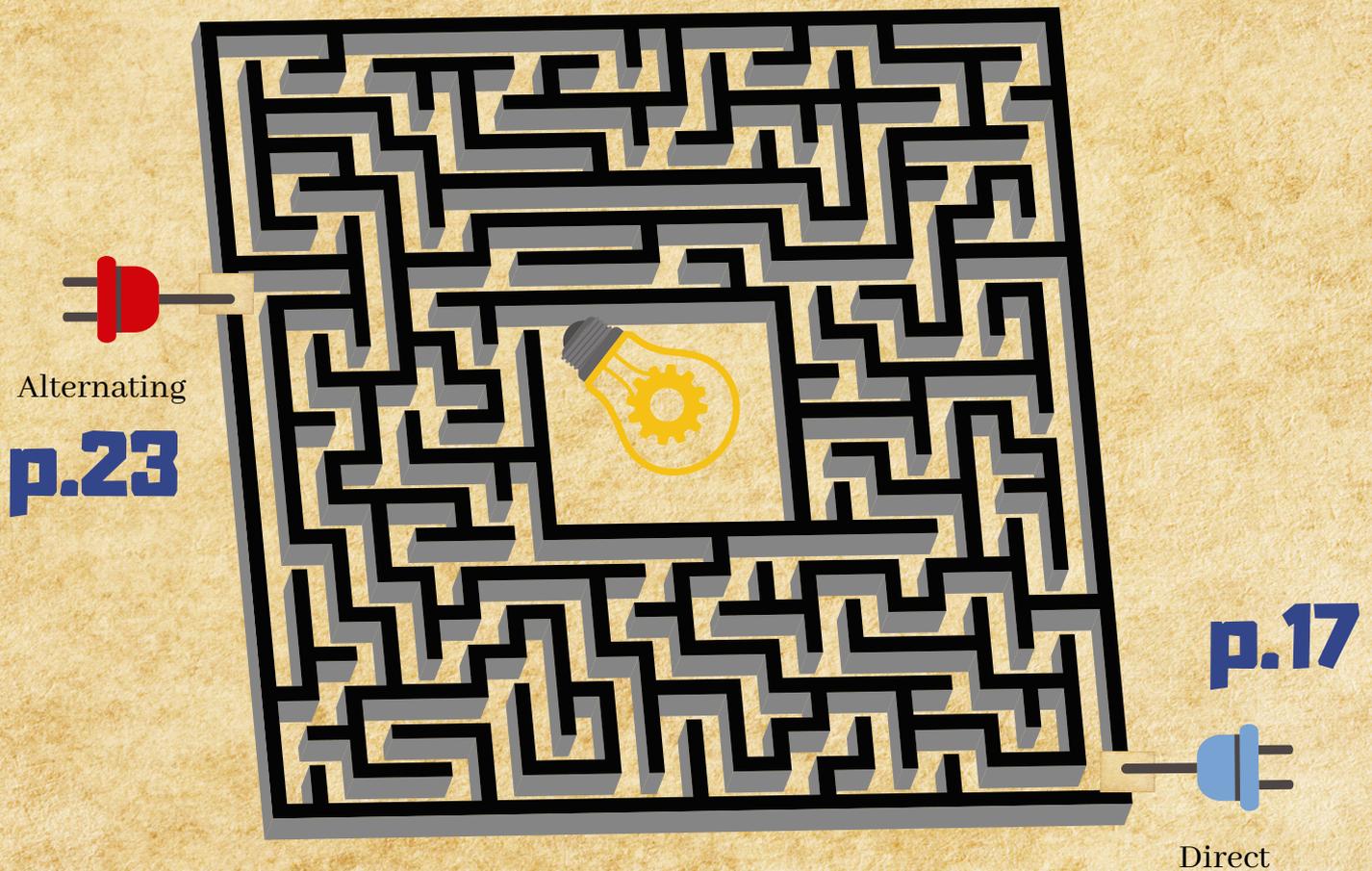
read it out loud, then place it face up on the cell



Move your pawn to the next down cell!



Argh! As you can see in the image below, you have mixed up all your electrical wires, including those with alternating current and direct current! Will you find which one, at the same voltage, is less dangerous? The only way out of this maze is corresponding to the most secure current!



By following the most secured current path, you will find the good next page number!

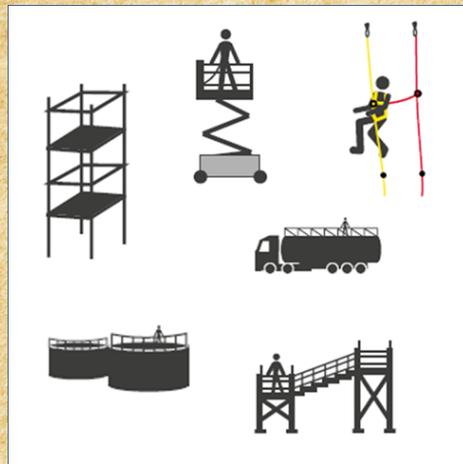
WORK AT HEIGHT

Move your pawn to this cell:



Welcome to the "Work at height" step!

Work at height describes work situations involving either the use of specific equipment (scaffolds, ropes, etc.) or the location of the work site (roof, edge of a pit, etc.) and which can generate a risk of falling from a certain level. Here is a picture depicting some activities linked to this situation.

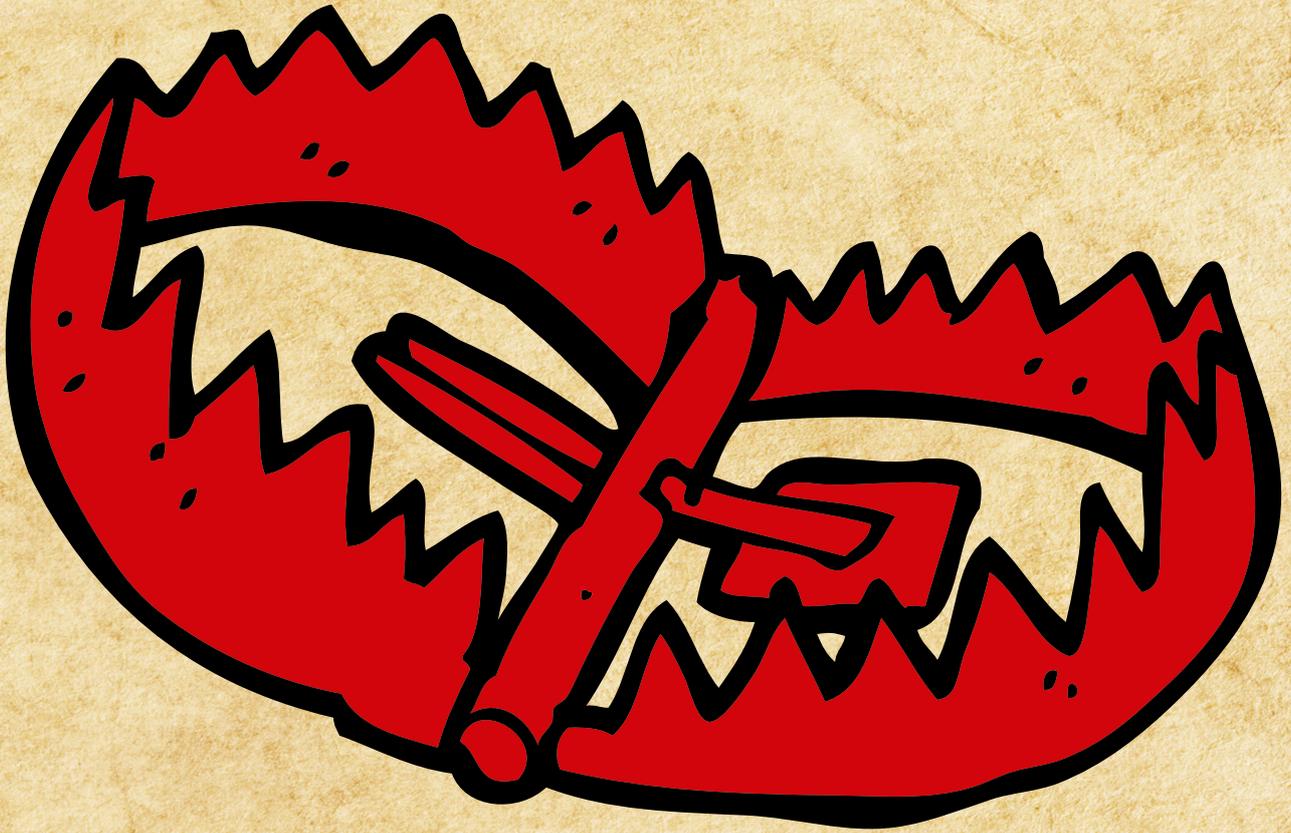


At what height or drop do you think work is qualified as "work at height" at Total?

1.5 m , 2.0 m or 3.0 m ?

The next page number is equal to the 2 figures of the good answer, minus the "."

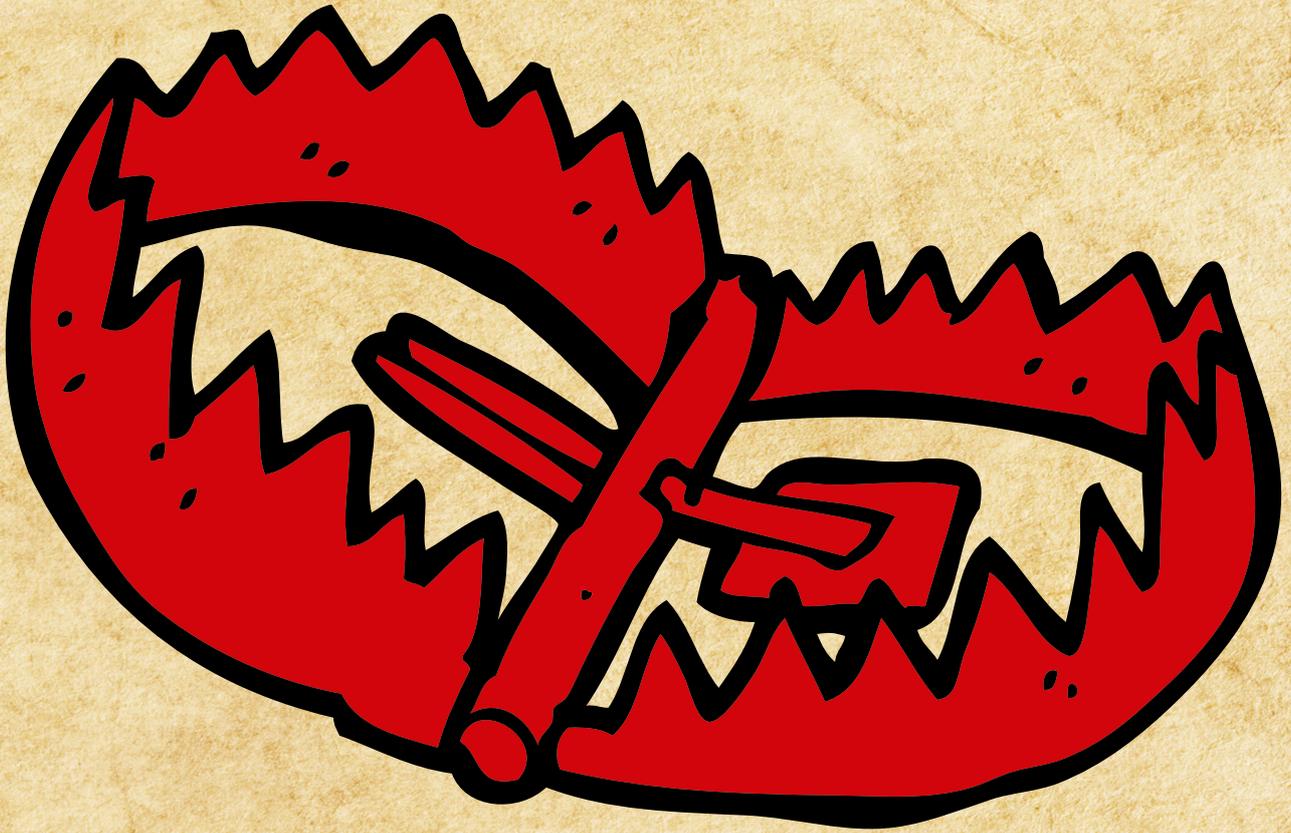
TRAP!!!



You have the wrong answer.

Go back to the page you were before.

TRAP!!!



You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



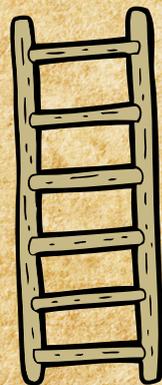
Move your pawn to the next right cell!



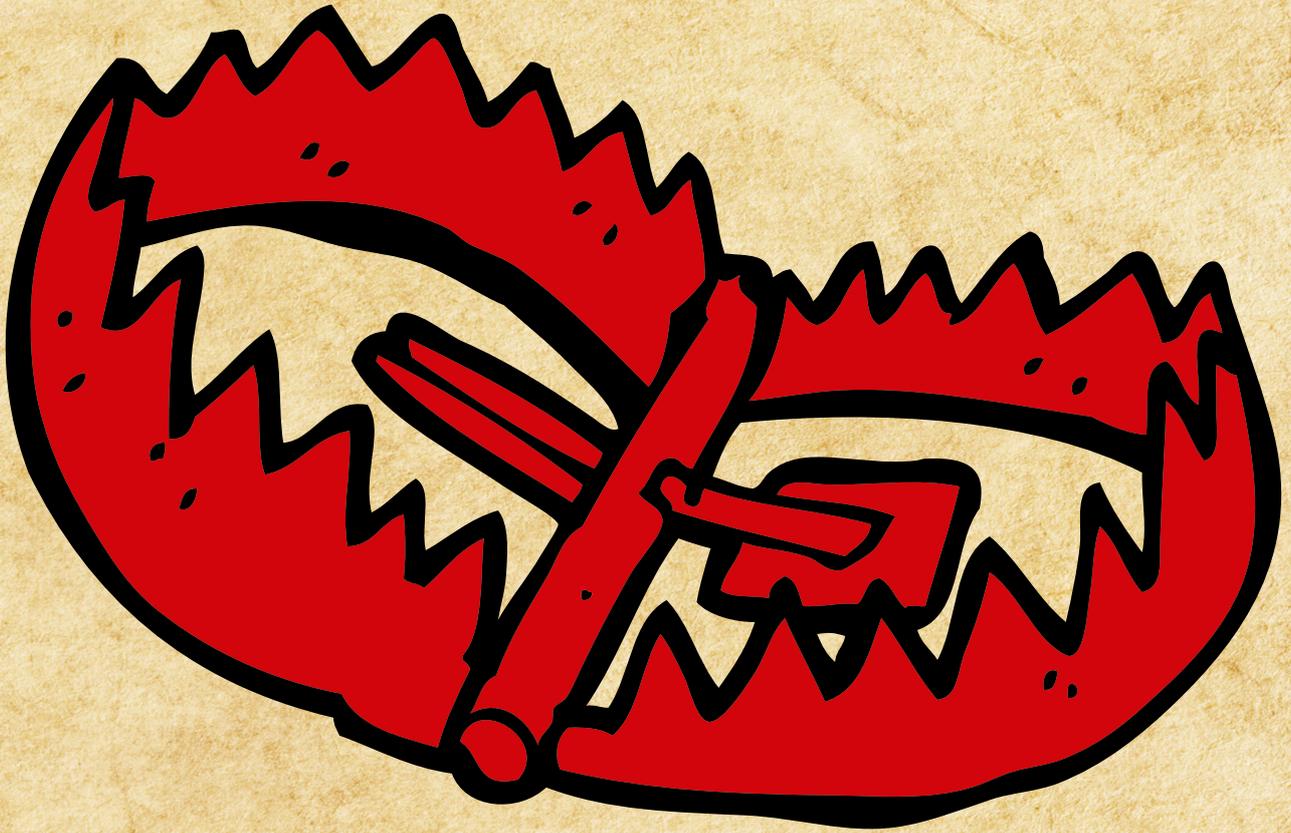
Keep on testing your knowledge about Total's best practices regarding high-risk activities!

Do you think work on a ladder is still authorized at Total?

- Total has forbidden the use of ladders as work sites, even if the European Directive authorizes it in certain conditions. **p.18**
- Total authorizes it in certain conditions, in keeping with the European Directive. **p.10**
- Both Total and the European Directive forbid work on a ladder. **p.26**



TRAP!!!



You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card



then place it face up on the cell



You managed to get the "Work on powered Systems" part of the score! You can place the corresponding "High-risk activity" card on the game board inset provided for that purpose.



Your last mission is to find the corresponding word in the crosswords! To do so, read the musical score which took shape by placing the 5 cards on the cells.

You can decrypt a 5-letters word thanks to this musical alphabet!

Write it in the crosswords, from right to left.

 R	 EA	 P	 T	 LO	 F	 G
 S	 C	 E	 N	 AS	 OU	 VR
 U	 H	 M	 D	 S	 L	

Well done! You can flip over the note card



read it out loud, then place it face up on the cell

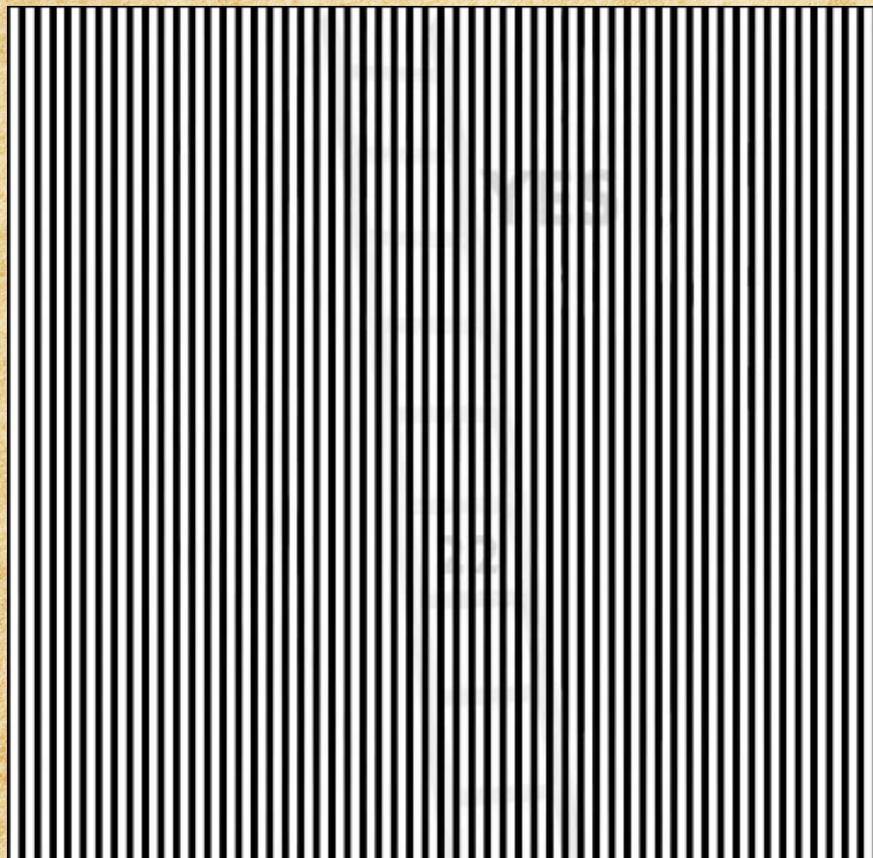


Move your pawn to the next cell:



Imagine this scenario: a worker has to perform tasks on ground level right next to an excavation tunnel 2 m deep. Does the work at height rule (CR-GR-HSE-425) apply?

The answer is written in the image below, as well as the next page number. If you succeed in decoding it...



In addition to the answer, the image above is hiding the next page number!

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



Move your pawn to the next right cell!



Time's running out!

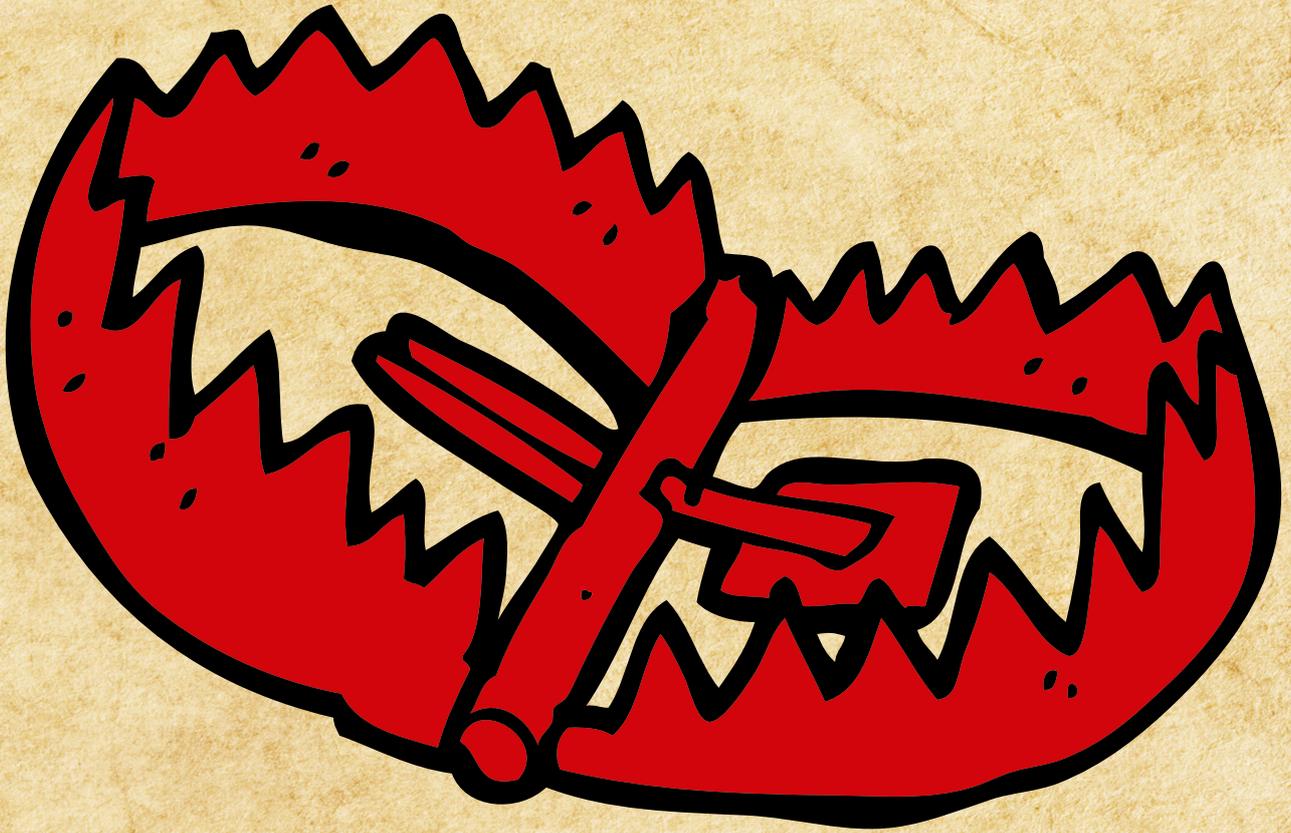
You can win the piece of score for this step by finding the 3-digit code to open the door to the machine room. Your agent equipment has enabled you to collect the fingerprints in your game booklet appendices !

Here is the digit code visual :



Sum up the figures of the digit code to find the next page number!

TRAP!!!



You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card



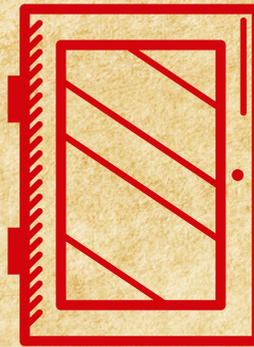
read it out loud, then place it face up on the cell



(the musical note should be visible). Move your pawn to the next right cell!



Rumor has it that a piece of the Staying Alive score is in a confined space! You choose to enter.



Hurry up, there's not much air left!

You need help and call your supervisor outside. How should s/he react?

- S/he calls the emergency services immediately and stays outside.

p.7

- S/he comes to help you then informs the emergency services if necessary.

p.16

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



Move your pawn to the next left cell.



You've reached the end of this step! Apparently, the clue to help you recover the piece of score for this step is at the top of a scaffold...

Does that surprise you?!

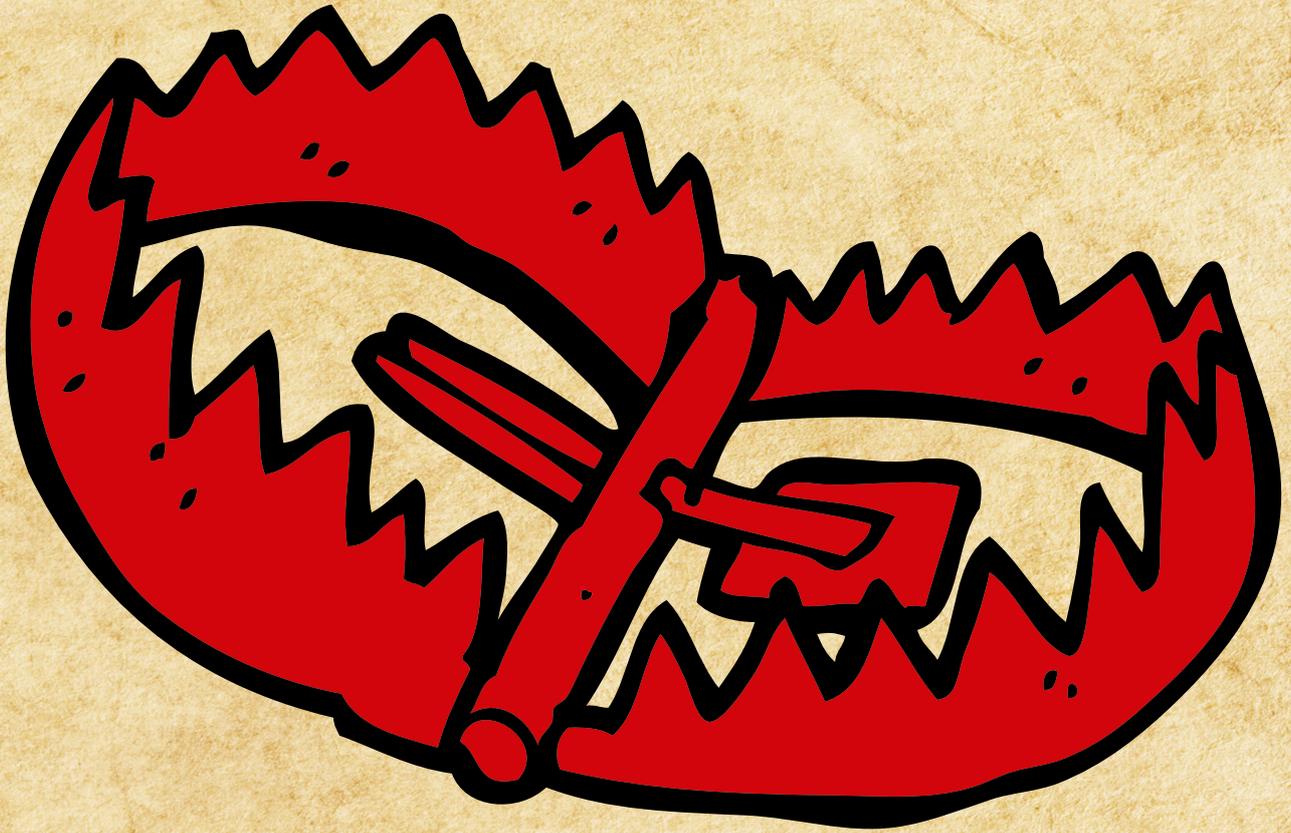
But before you climb up to get it, what should be your very first check?

- Count the number of stairs to climb. **p.23**
- Check the condition of the scaffold - red or green signs. **p.35**
- Read the manual of the equipment manufacturer. **p.8**

The code below could help you :



TRAP!!!



You have the wrong answer.

Well done! You can flip over the note card 

read it out loud, then place it face up on the cell



Move your pawn to the next left cell.



Fortunately, there is a major device that can be used to prevent the risk of fire/explosion. Do you know what it's called?

Read the following newspaper clipping to find it.



Well done! You can flip over the note card



then place it face up on the cell



You managed to get the "Hot works" part of the score! You can place the corresponding "High-risk activity" card on the game board inset provided for that purpose.



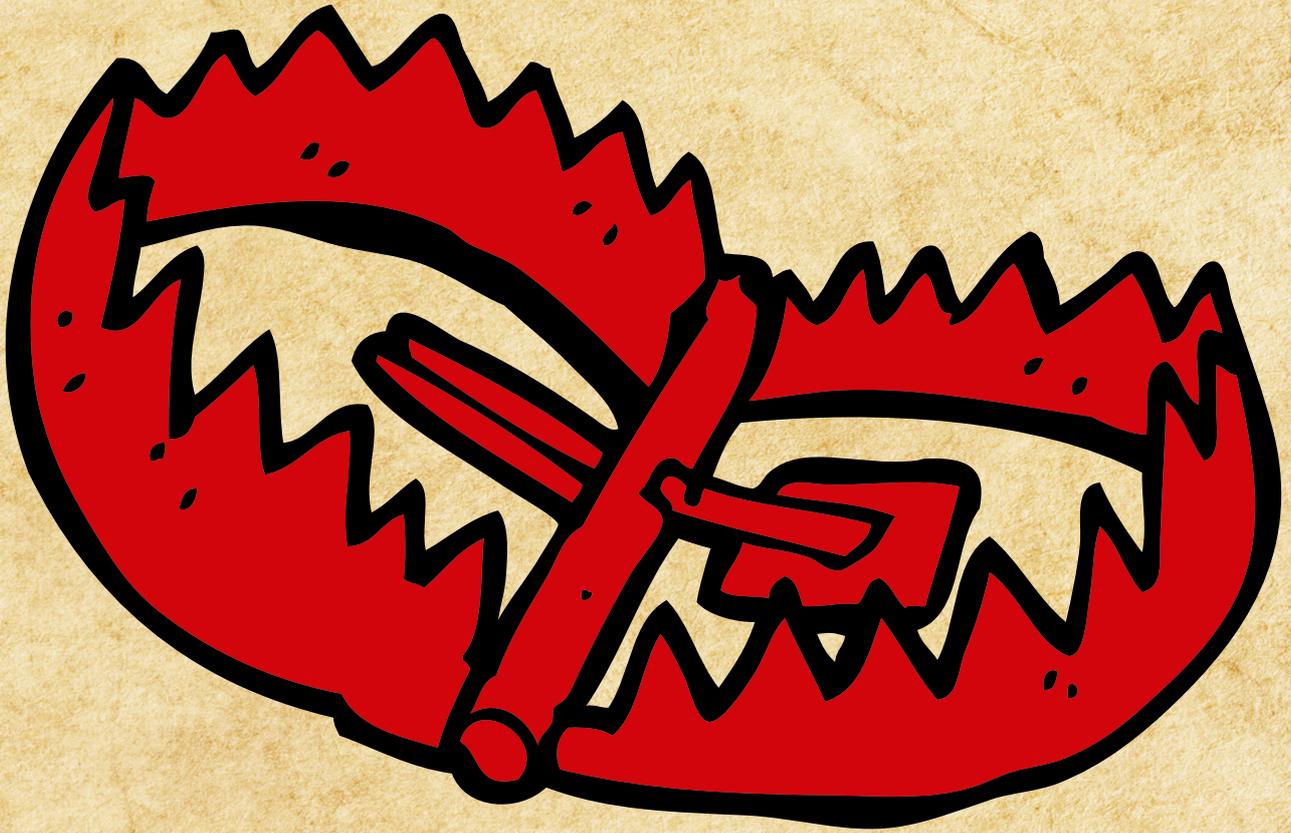
The crossword to fill at this stage is the coded word below:

The flash **Ɔ Ɔ Ɔ Ɔ Ɔ** is the lowest temperature at which the evaporation of a puddle of liquid produces flammable vapors.



Once you have found the word and written it in the crosswords, go to page 29!

TRAP!!!



You have the wrong answer.

Go back to the page you were before.

HOT WORKS

Move you pawn to the cell:



You have arrived to your penultimate step! Your team has been sent on site to perform hot works.

You have to really know your safety rules to recover the piece of partition for this step! !

From the list of works given on screen, which ones are situations of hot works? By connecting good answers in alphabetical order, a figure will appear...

CUTTING



COMBUSTION ENGINE

GRINDING



POLISHING

WELDING



THERMAL PICKLING

A piece of advice: if you don't recognize any figure, you have not chosen enough answers!

Well done! You can flip over the note card



then place it face up on the cell



Move your pawn to the next cell.

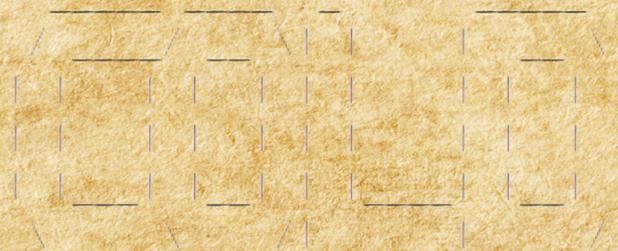


Good! Fortunately, your mission advisor had written a hot work permit.

Phew! You almost flunked this step... This permit differs from another one. According to the Permit to Work Process company rule (CR GR HSE 402), what is the name of the other work permit ?

- Cold work permit **p.25**
- Excavation permit **p.13**
- Consignment certificate **p.14**
- Driving licence **p.36**

An help to answer is hidden below:



LIFTING OPERATIONS

Move your pawn to the cell:



You have almost reached the end of your training on high-risk activities!

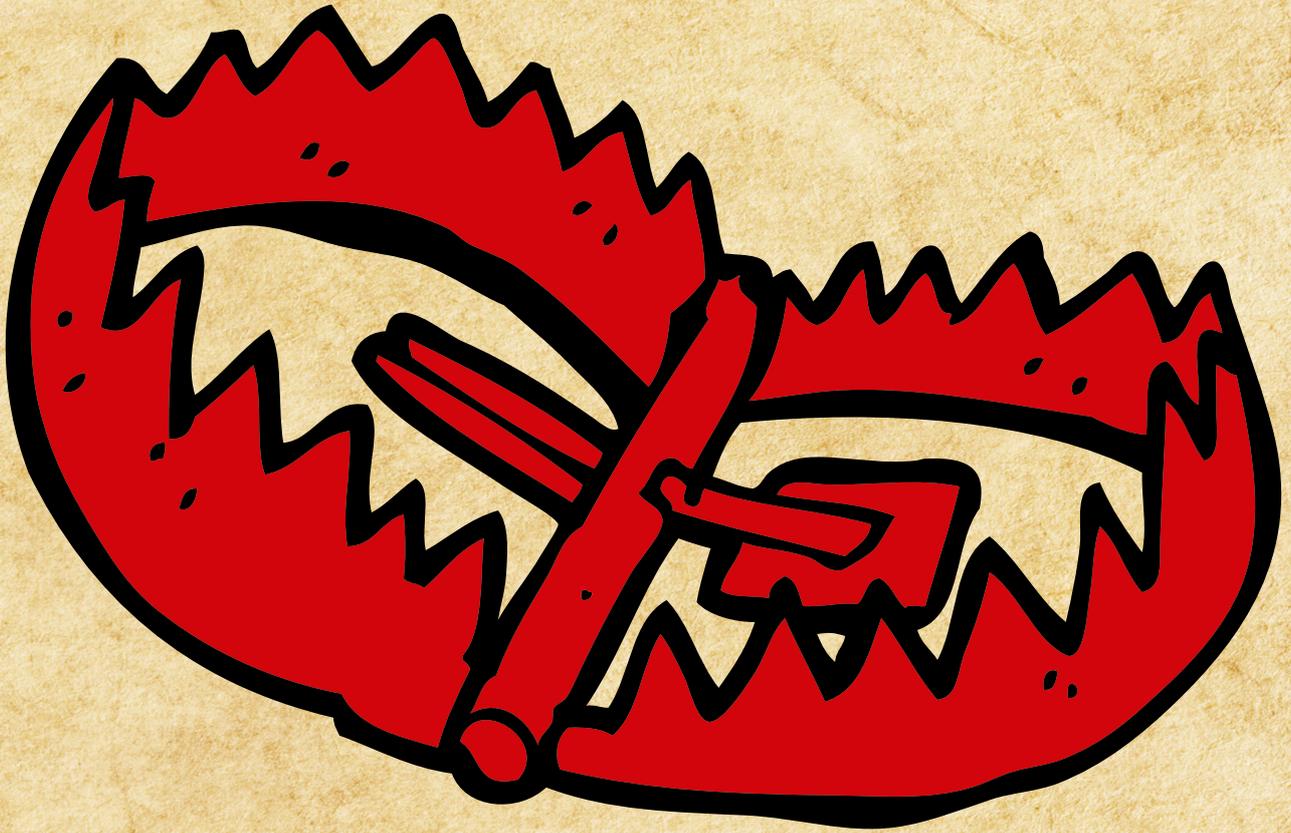
For this step, your team is going to have to perform a lifting operation in compliance with all the safety standards. A crucial element is under a beam weighing several tons! Moving it is no mean feat....

You go to the site. Shoot! A 30,000 volt high-voltage line is nearby. Calculate the minimum distance to be respected by finding the same image by using an equipment in the appendices...



You next page number equals this operation :
= found distance + 28 !

TRAP!!!



You have the wrong answer.

Go back to the page you were before.

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



Move up your pawn to the next cell.



Both of the people shown below are present during a lifting operation. Which one of them makes the final decisions?



Crane Operator

p.26



Signaler

p.38



They decide together

p.34

We have found this following receipt on the floor. It is the shopping list of the decision-maker(s)! Maybe it will help you to answer the question!



Well done! You can flip over the note card



, then place it face up on the cell



Move your pawn to the next left cell.



What is that crackling sound you hear while your were just starting your hot work? Sounds like the start of a fire, close to you!

Which of the following statements is true?

- Companies equipped with fire extinguishers never have fires.
- Almost 70% of companies having suffered a serious fire see their activity pick up within the year.
- In over 30% of cases, hot works were the cause of fires in companies.

Did you notice the dashed cut lines on the game board? Look at the colors of the possible answers above.

Fold a first time the board according to the left-most cut line of the correct answer color. You will see a number appear using the musical notes drawn on the board!

Fold the tray a second time according to the second cut line of the correct answer color. You will see a second number appear!

Well done! You can flip over the note card



read it out loud, then place it face up on the cell



Move up your pawn to the next cell.



Below are listed the most frequent causes of accidents during a lifting operation.

Click on the one most likely to occur in your quest to find the piece of score!

- Sling rupture **p.11**
- Load slipping **p.15**
- Upper limbs getting stuck **p.24**
- Load becoming unhooked owing to a basket sling slipping **p.31**
- Fall of part of a divided load **p.36**

Clue: this riddle wil help you finding the answer.



s+  +g
-o


c=s
a=i

Well done! You can flip over the note card



then place it face up on the cell



Move up your pawn to the next cell.



Last question! According to you, which (of the) statement(s) shown on screen is(are) true when it comes to the obligation to designate a signaler and to control the moving load at all times?

- It's a legal requirement  **14**
- It's a best practice  **12**
- It's a requirement of Golden Rule 6  **10**

You still have a musical note card left, right? By juxtaposing the shapes of the correct answer(s) to form this last note, you will find the answer to this question.

Place then the card on the following cell:



Sum up the good answers' numbers to find the next page!

Well done! You can flip over the note card



then place it face up on the cell



You managed to get the "Work at height" part of the score! You can place the corresponding "High-risk activity" card on the game board inset provided for that purpose.



The word to find to fill the crossword puzzle is hidden below:

```

      .oo  ooooo  ooooo  .oFYo.  o  o  ooooo  o  .oFYo.  o  o
      .F  8  8  8  8  8.  8b  8  8  8  8  8  8b  8
      .F  8  8  8  8  8oo  8  b  8  8  8  8  8  8  b  8
      oFoooo8  8  8  8  .F  8  b  8  8  8  8  8  8  b  8
      .F  8  8  8  8  8  8  b8  8  8  8  8  8  8  b8
      .F  8  8  8  8  YooF'  8  8  8  YooF'  8  8

```



END

Congratulations! By completing all cells , you have recomposed the entire score of Staying Alive! Place the "Lifting Operation" card on the corresponding insert.



The last word of the grid to be found is hidden in the appendices!

It represents the final note of your training!

Thanks to you, cardiac massages will once again be performed with perfection.

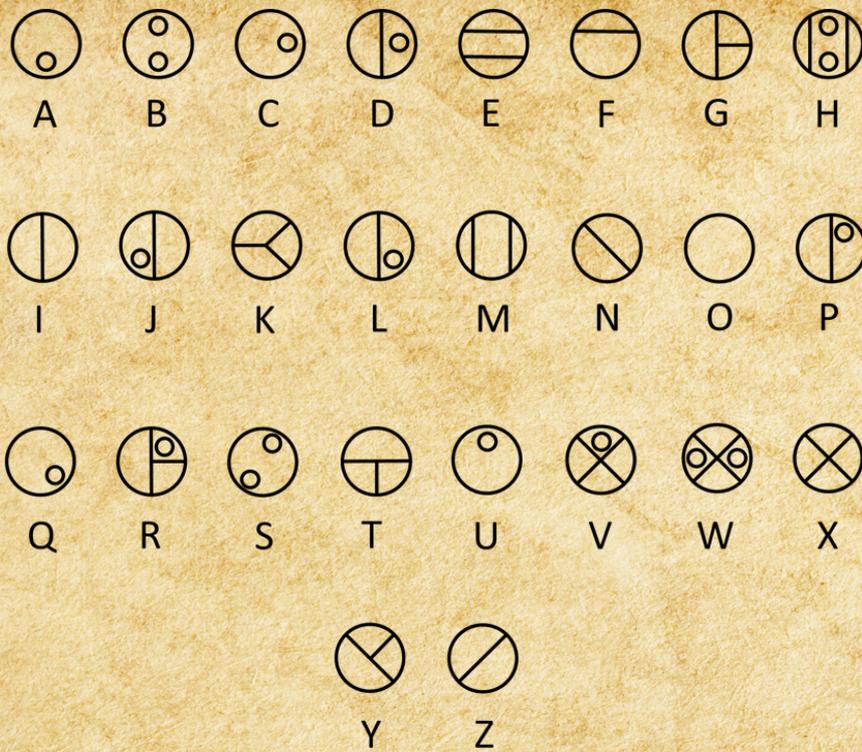




APPENDICES

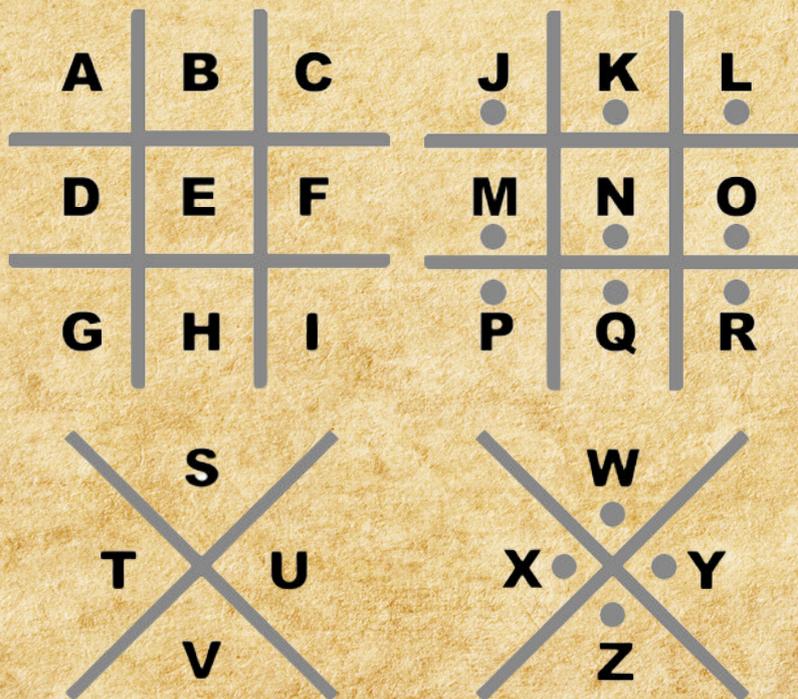
The following pages contain key information to move forward in the game.





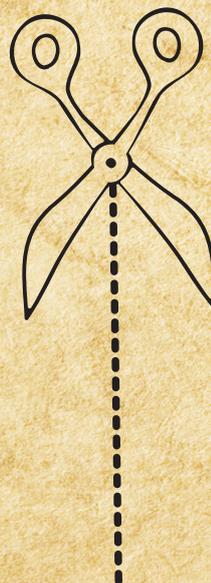
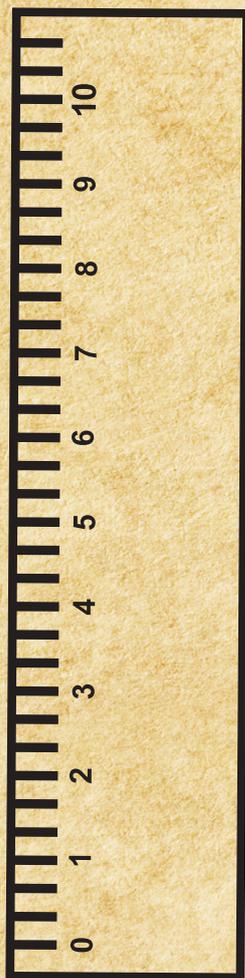
A B C D E F G H I J K L M N
 Ω ρ ς ϳ Ϸ ϸ Ϲ Ϻ ϻ ϼ Ͻ Ͼ Ͽ Ͽ

O P Q R S T U V W X Y Z
 Ω ρ ϱ ϳ Ϸ ϸ Ϲ Ϻ ϻ ϼ Ͻ Ͼ Ͽ Ͽ



The Order of the Knights Templar is giving you some clues...

1 UNIT = 2M



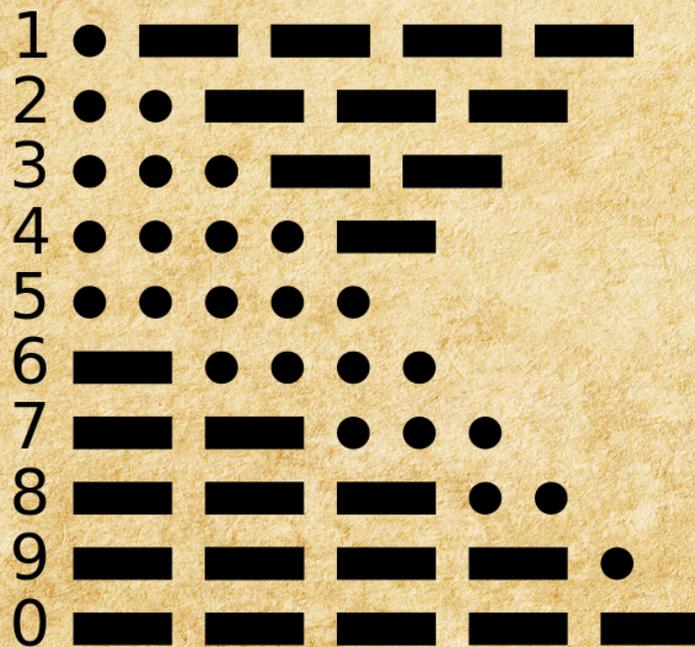
MEASURE TOOL

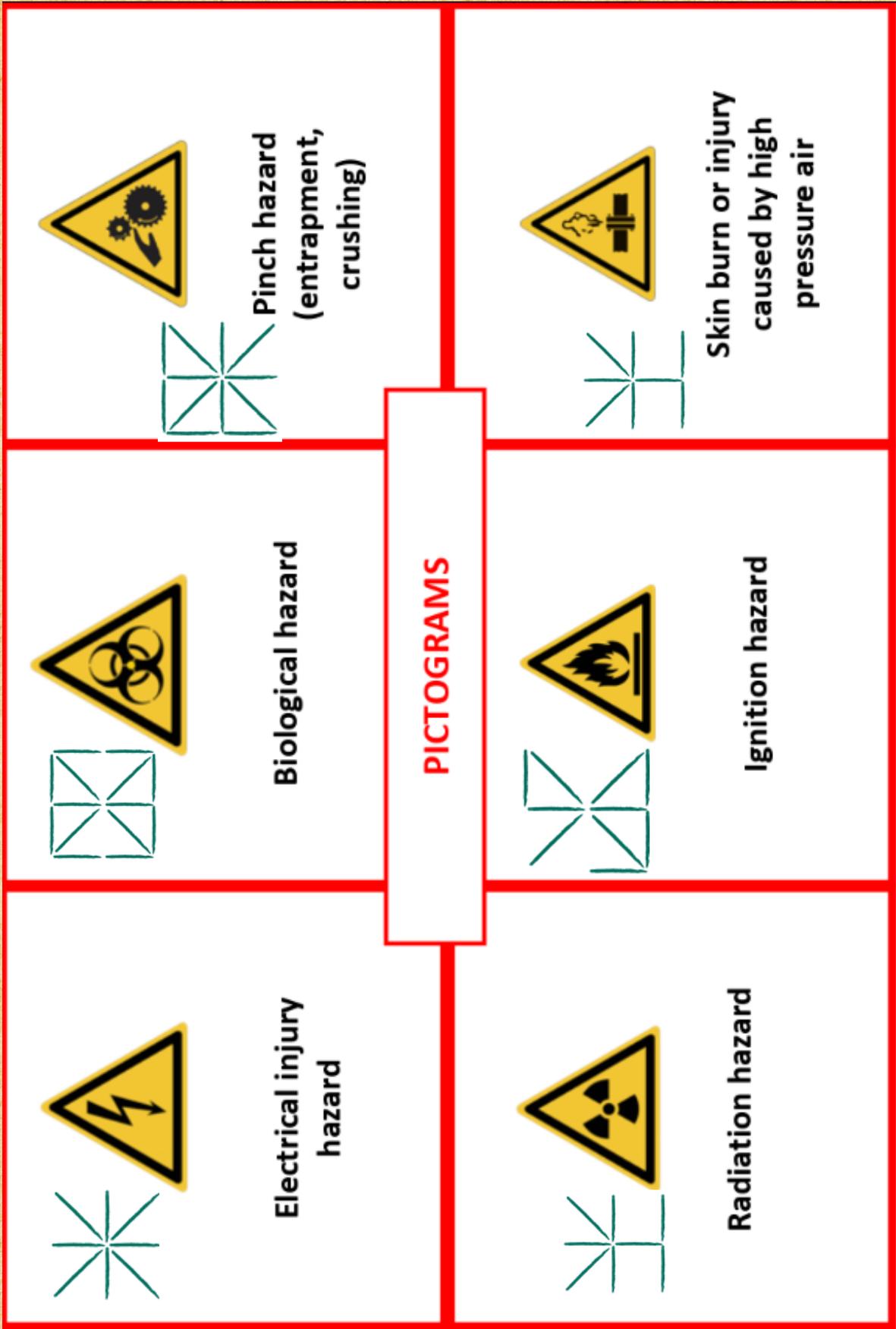


Accident



FINGERPRINTS







HINTS

The following pages contain hints to help you if you are stuck. Each hint number is corresponding to a booklet page number. If you don't find an answer to a question, look to its page number and read the corresponding hint!

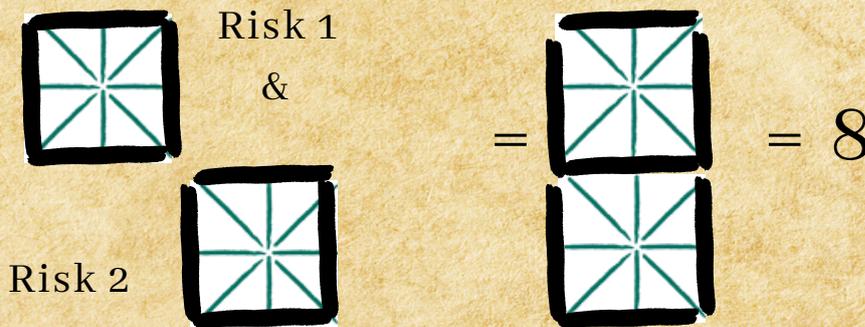




There are 5 good answers and the sum is between 18 and 22.



Fill with a pen the 2 roses of the correct risk pictograms (p.41) associated to mechanical and electrical energy. A figure will appear! *Example:*



Use the Order of Knights alphabet on p.38 to decode this word.



Tilt the page to read horizontally! You will see a percentage appear in the middle.

The alarm sound can be transcribed as below:



.----
-----.

Use the morse code on p.40 to decrypt the number!



The 3 answers' sum should be between 8 and 12.





Trace the light bulb path until the exit. Its number matches the next page one!



Total's guideline is quite careful on this subject. Think small!



Total's guideline is quite strict on this subject! More than the European Machinery Directive.



Look the 5 "Musical note" cards that you have laid down in sequence at this stage. By comparing each note to the corresponding letter, you will find the word to fill!



Move a few steps back from the booklet. You will see a ladder appear, as well as the answer and a number hidden between the ladder's bars.



The retrieved fingerprints have been transcribed on p.40 ! Add the figures to find the next page number.



The less we are at risk, the better !



Use an alphabet of p.38. The decrypted word will help you to find the answer !





The article is referring to "hot works permit". Take the letter "p" position in the alphabet (16) and add 12 to it!



Use an alphabet on p.38 of this booklet.



They all are examples of hot works situations!
Connect the 6 points in the alphabetical order to see a figure appear.



Below the text is hidden a dotted indication. Look closely, it will help you to find the answer!



Carve the measure tool on p.39. One unit = 1 meter !



The final decision maker has gone and buy some stuff to maintain his/her glasses and moustache!



The good answer is the blue one. If you fold the board according to the left most dotted line, you will see the figure "2" appear with a drawn musical note and a symbol behind the board. Undold and try again with the right most line, you will see another figure!





The rebus is giving you the answer. You may have to replace some letters as indicated...



Recompose the last note with the good answers pieces.

