



Personal Safety Passport



Alarmnummer: 555

Goal**ZERO**

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OUR VISION:

We work every day to be the best operated and most valued company in our industry, today and tomorrow

OUR MISSION:

To consistently deliver industry-leading performance by:

- Safely and reliably delivering high quality products to customers
- Being the company of choice for employees and shareholders
- Being a responsible, good neighbor in the communities where we operate

OUR VALUES

We strive for excellence in everything we do

- We aspire to GoalZERO in health, safety and environmental performance
- We pay attention to detail in day-to-day work activities
- We are humble about our successes, while learning from our failures

We own decisions and reward results

- We act like owners of the company
- We deliver on our promises
- We reward outstanding performance

We believe in the power of many

- We leverage our hardworking team, knowledge and resources globally
- We conduct ourselves with the highest integrity and with respect for others
- We believe in honesty, diversity, fairness and teamwork

LyondellBasell is one of the largest **Plastics, Chemicals and Refinery Companies** in the world.

LyondellBasell sells products in more than 100 countries.

Our vision, mission, values and leadership principles define how we behave, how we treat each other and how we will consistently deliver outstanding results.



GoalZERO Principles

- | All accidents are preventable
- | Stop work if you think a situation is not safe
- | Seek help when a situation is not understood
- | Intervene and take action: if you see something, speak up.
- | Check signals and recheck when conditions change.
- | Follow all procedures and take your time to complete tasks safely.
- | Report all incidents immediately so that others can learn from them

Forword

Welcome at the LyondellBasell Botlek site.
Congratulations! After successfully completing the introduction training you have received this passport.

During the safety introduction we told you what we expect from you, so we all have a safe work environment.

I would like you and everyone who works during this Turnaround to be able to do their work in a safe way.

What I expect from you:

- Follow the rules at our site!
- We do it safely or we don't do it!
- Before you start work, make sure you can do it safely. You also check if other jobs interact your job in an unsafe way! (LMRA)
- Address unsafe behavior. I want you to help others do their job safely!
- If you are unsure about the safe performance of your work, stop and contact your supervisor!
- Changing working conditions? Stop and contact your supervisor!

I am confident that we can carry out this Turnaround without incidents or accidents.

We can reach Goal Zero. To achieve this, we need you!

Janwillem van der Voordt

TA Manager

Personal information



**Badge + personal
safetypassport**

Always carry with you!

Site rules



Only with permission
LyondellBasell



Only with permission
LyondellBasell



Except at
indicated places



GoalZERO

LMRA from start to finish

To do your job safely every day it is important to execute a LMRA. Execute the LMRA after each break. The work situation can be different after a break.

Check:



WAT KAN ER FOOT GAAN?
WELKE MAATREGELEN MOET IK NEMEN?
KAN IK HET WERK VEILIG DOEN?

Check Signals

Execute a LMRA

Executing a LMRA is the last check for yourself and your colleagues.

Help each other with the LMRA. Share your experiences to recognize and eliminate hazardous situations.

Take measures against:



If we can't do it safely, we don't do it!

Life Saving Rules

1. Make sure you have a valid and properly signed permit and obey the indicated regulations and safety measures.
2. Confine the use of open fire and motorized traffic to a minimum. Ascertain that the gas test has been carried out before you start hotwork.
3. Check whether all equipment has been secured before starting the job.
4. Do not shut down equipment that is safety critical without explicit, written permission.
5. Be sure as to use proper protection when performing activities at height.
6. Do not, in any circumstances, make adjustments to scaffolding yourself.
7. Report to the assigned manhole watch and make sure you have permission before entering a confined space.
8. Working under the influence of alcohol, drugs and/ or medication is strictly prohibited.
9. Do not, in any circumstances, stand below the lifted materials during lifting operations.
10. Smoking is strictly prohibited except in specifically allocated places.

The most important safety rules in addition to the life-saving rules:

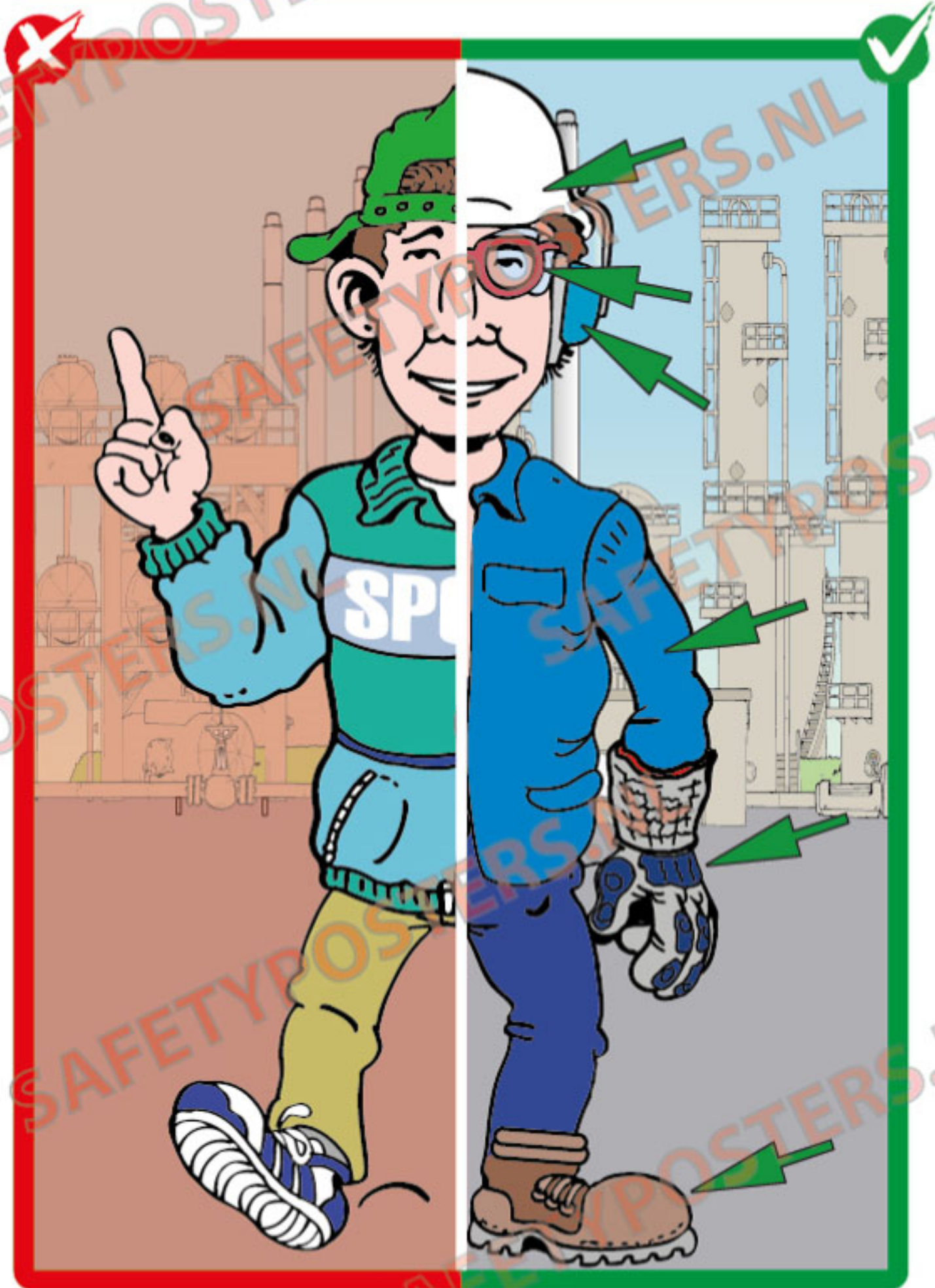
- ✓ **The standard PPE are: Safety glasses with side shields, safety shoes, fire retardant coveralls, hearing protection and gloves**
- ✓ **Maximum speed on the plant roads is 19 km.**
- ✓ **Only certain safety knives are allowed (some in combination with cut-resistant gloves).**
- ✓ **Works on the height is from 2 meters.**
- ✓ **Always use the handrail of the stairs.**
- ✓ **Always use 3 contact points when using a ladder**
working with impact wrenches and wedges is only permitted under certain conditions.
- ✓ **Prevent material and tools from falling at a height (secure or cover the floor, for example).**
- ✓ **Only use approved/proper tools for the application for which they were made.**
- ✓ **Report all (near) incidents.**
- ✓ **We do it safely or we don't.**

Points of attention

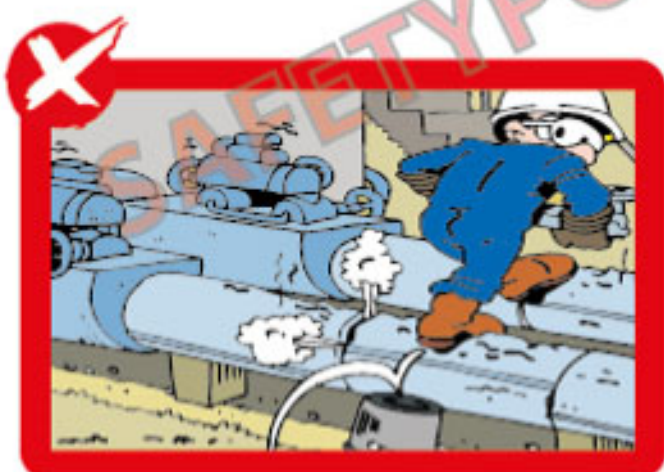
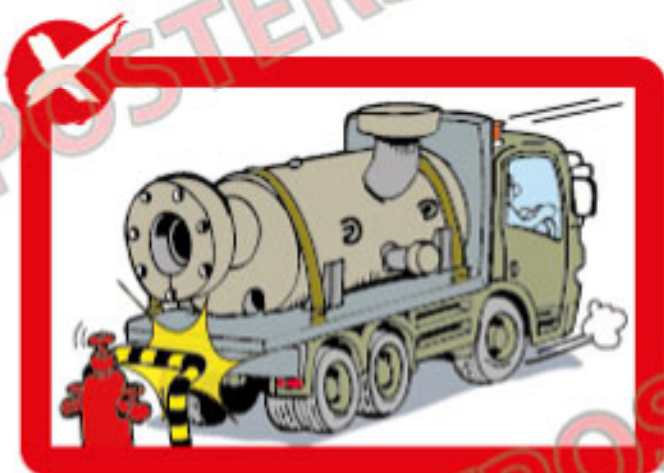
- All air hose couplings have to be secured.
- The use of safety cables (hose catcher) is mandatory for air, nitrogen and steam hoses.
- The use of nitrogen for air-powered tools is prohibited.
- An angle grinder has to be equipped with a dead man switch, handle and a 180° protection cover and enclosed cover when cutting.
- Your object which will be grinded, needs to be safely fixated. Always use a face shield together with safety glasses.
- To disassemble flanges you should use a flange spreader. If you cannot use a flange spreader, as an exception you may use wedges. Always ask for permission from your supervisor to use wedges.
- Breathing air has to be checked for quality (purity) prior to use. A certificate of compliance should be available on request.
- The use of impact wrenches is only allowed with the special permission of the Lyondellbasell Area TA Supervisor. Always wear a face shield together with safety glasses and fingersaver if you use an impact wrench.
- Try to keep hoses and cables from floor level with the use of S-hooks.



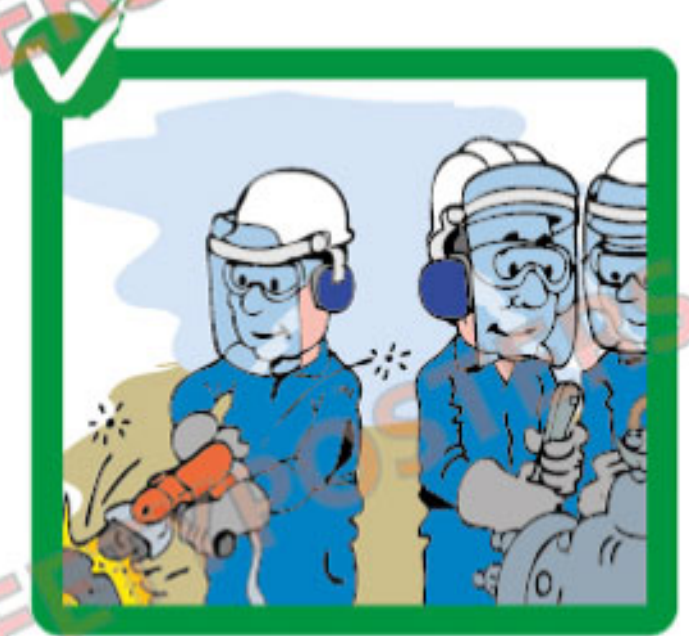
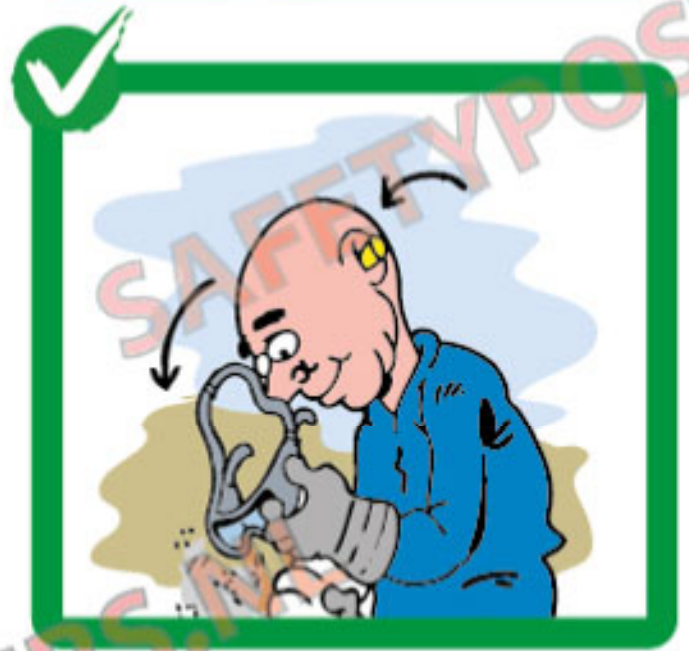
PPE



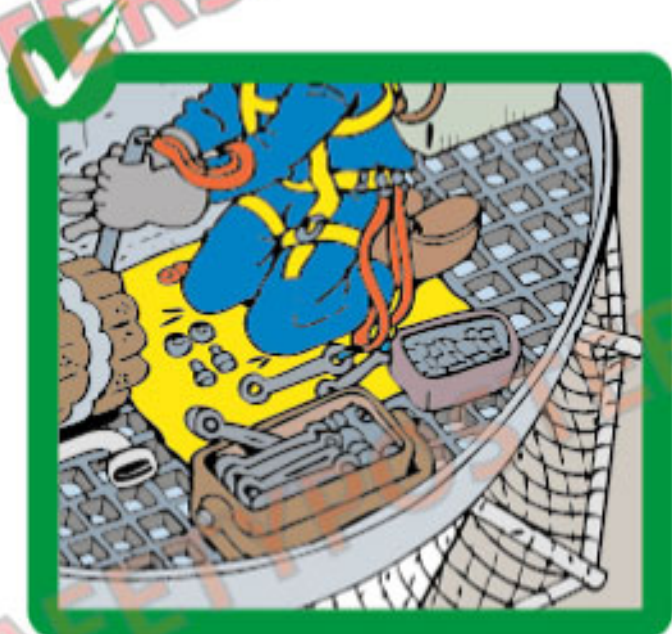
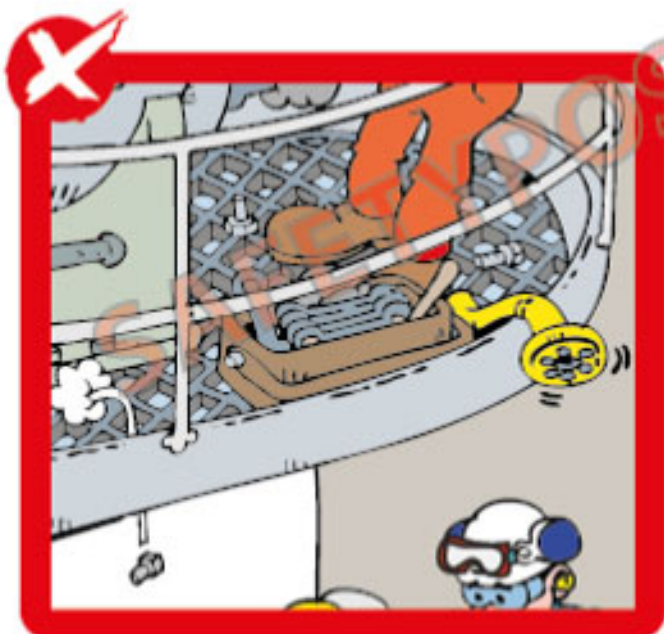
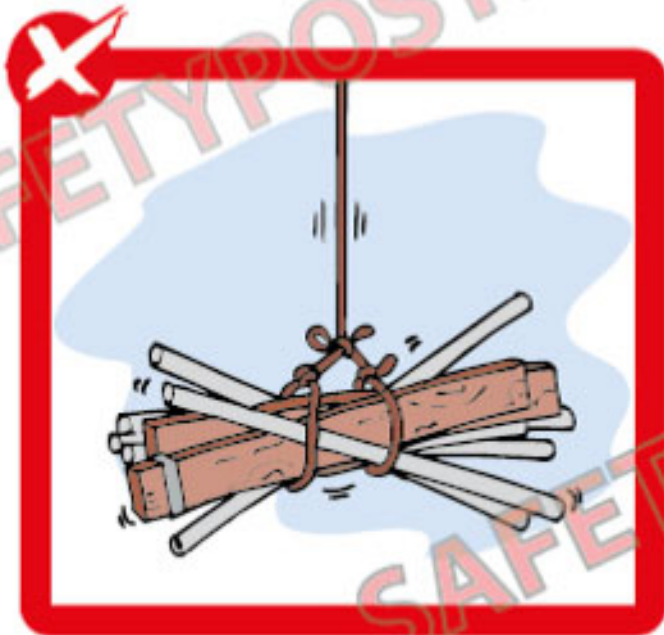
Transport on the site



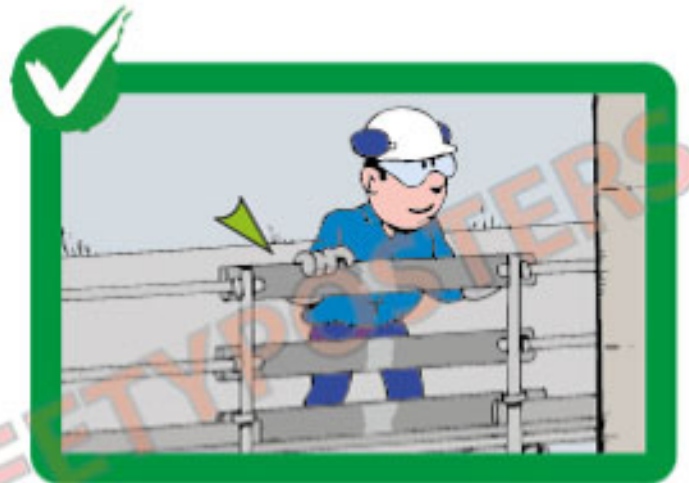
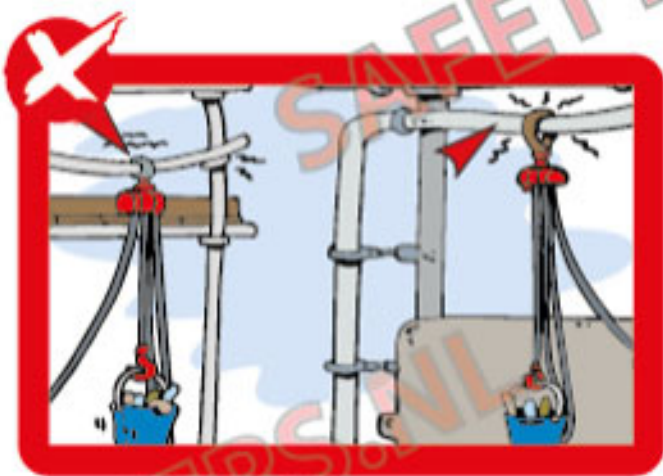
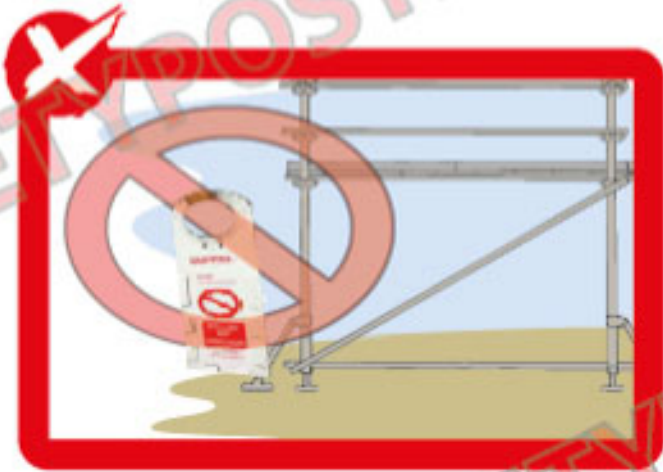
Eye Protection



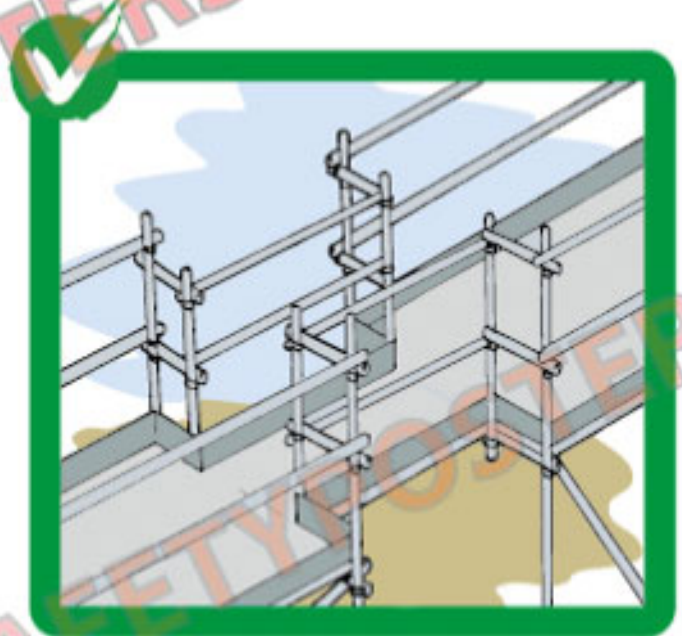
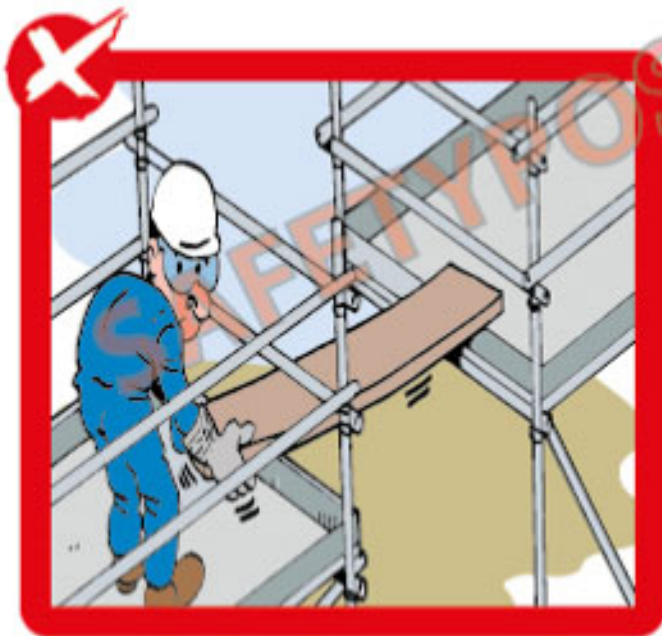
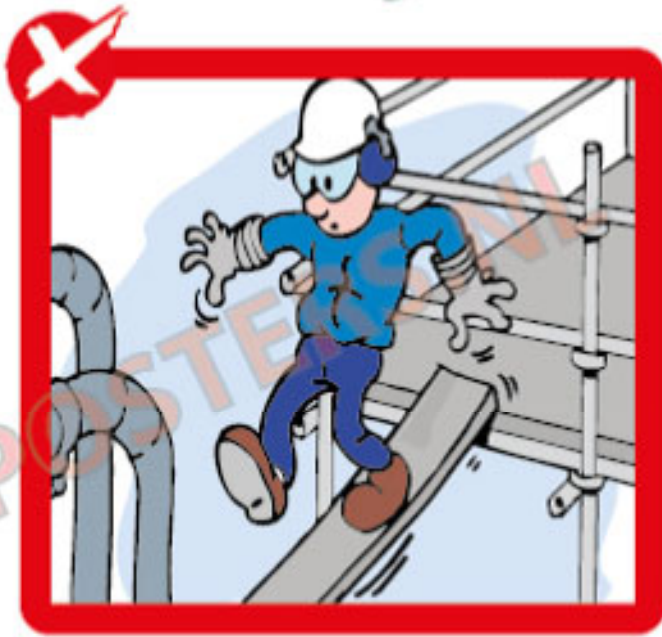
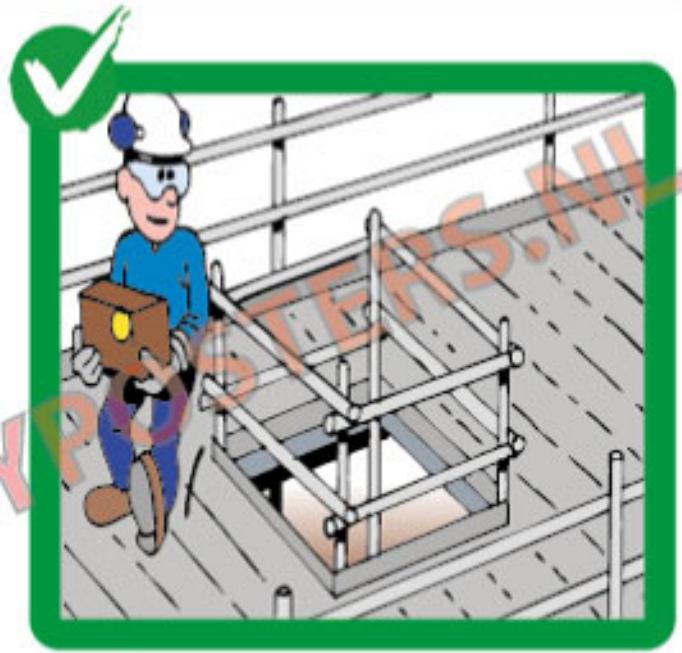
Falling objects



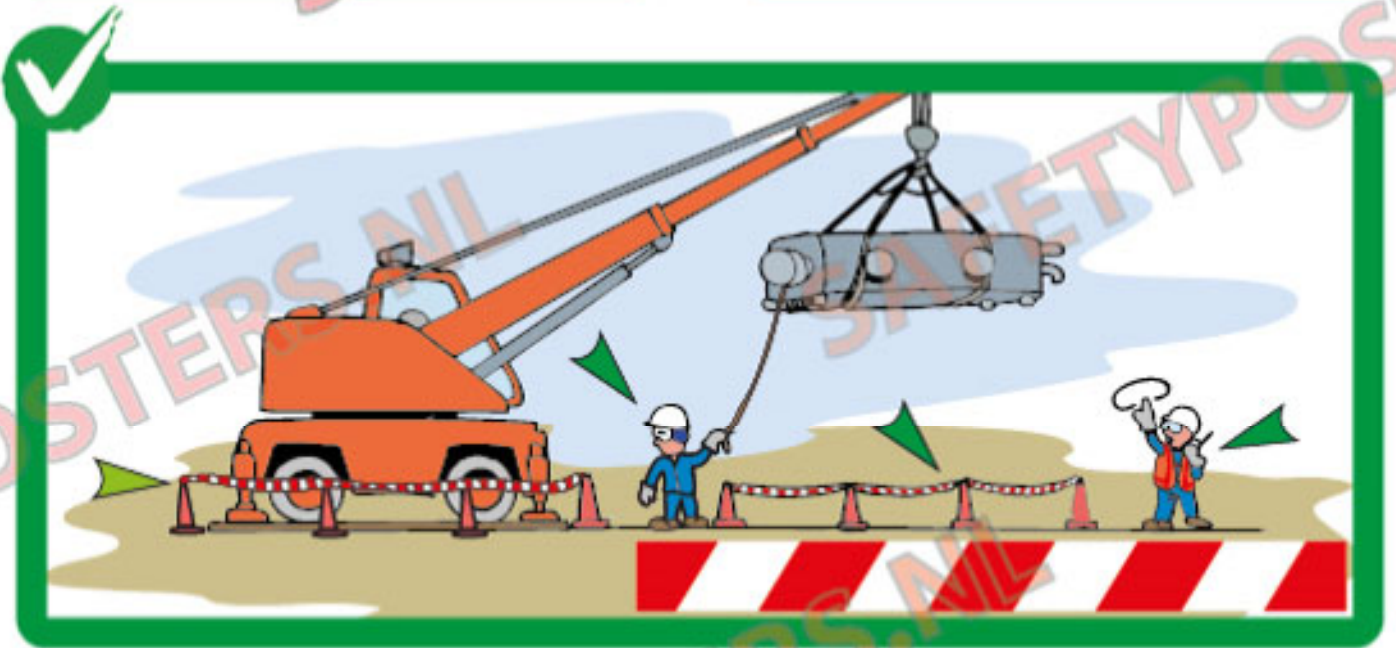
Scaffolding



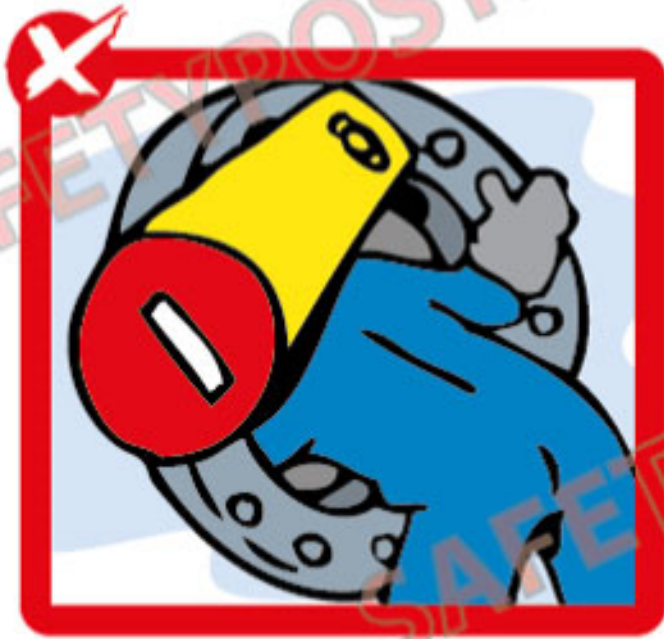
Working at height



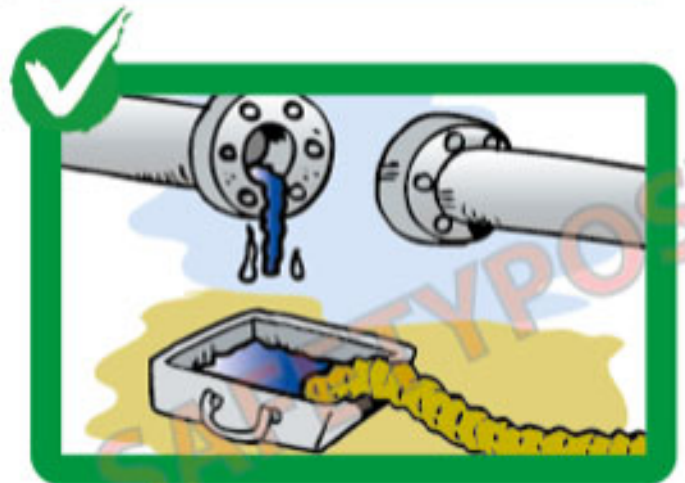
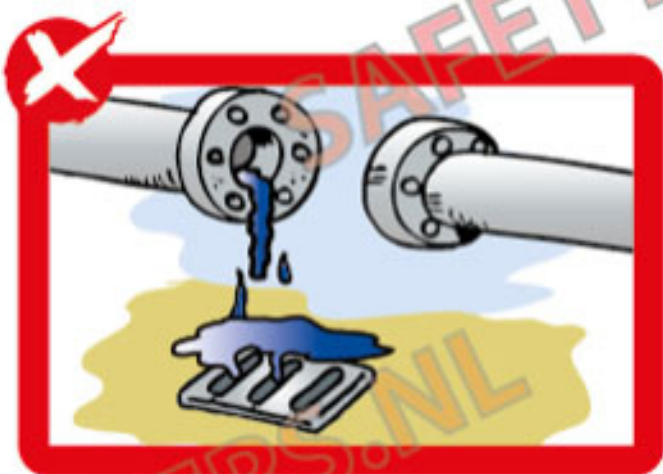
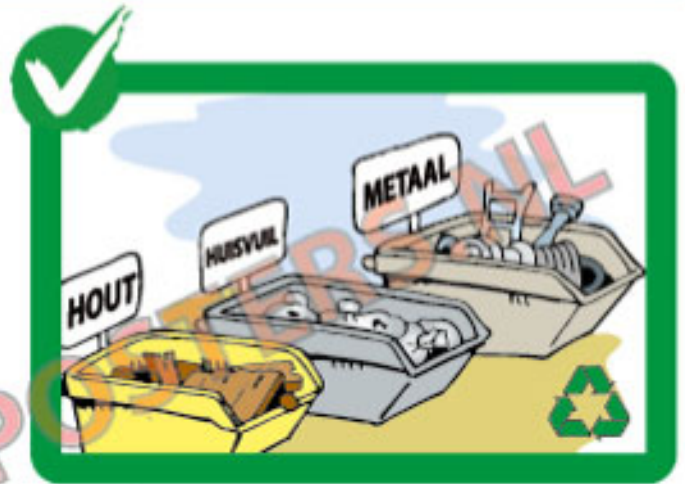
Hoisting



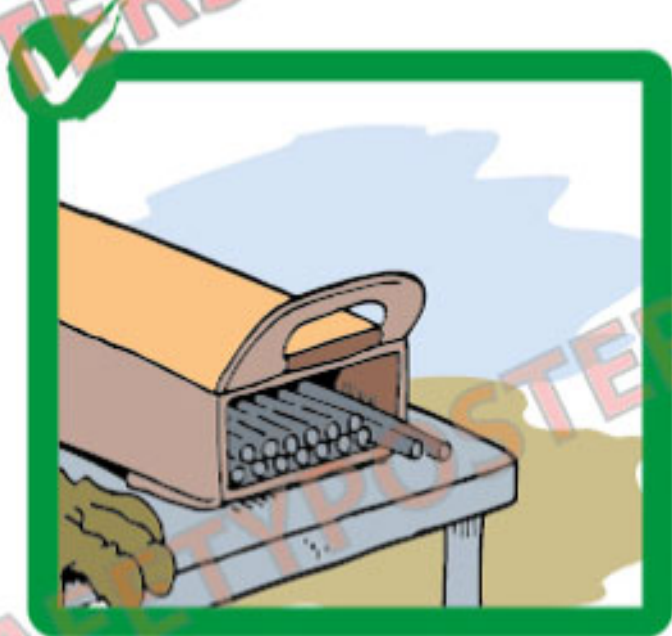
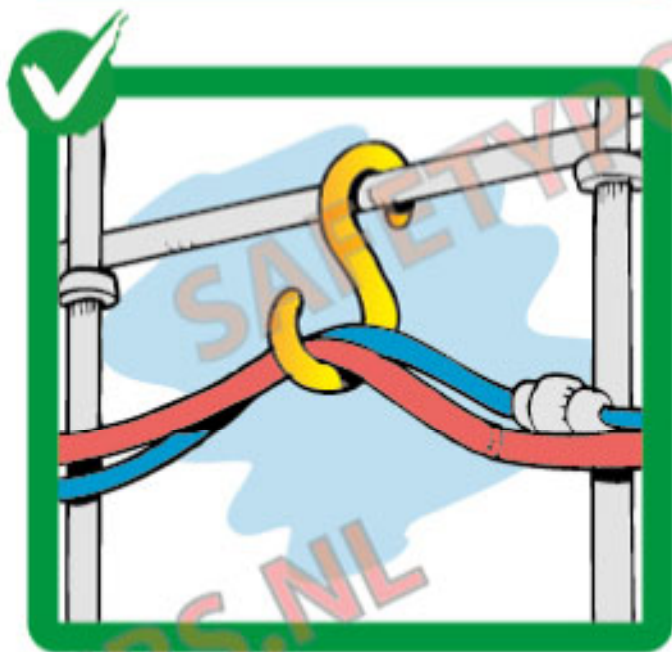
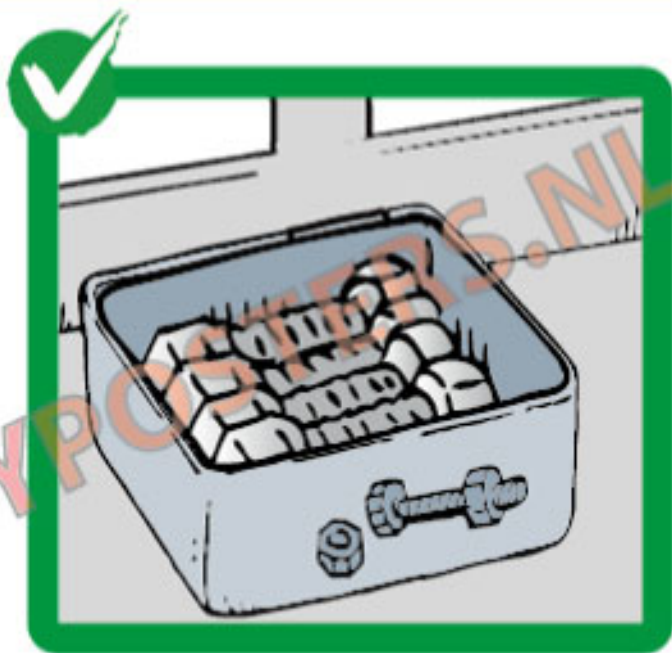
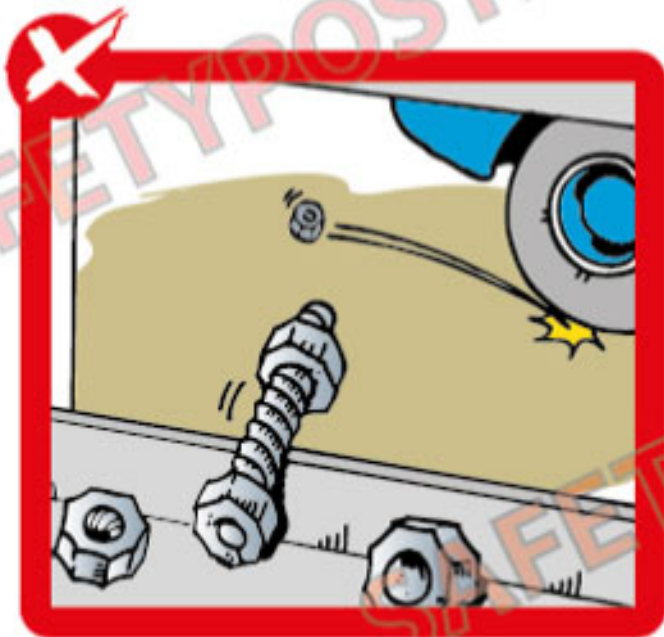
Confined spaces



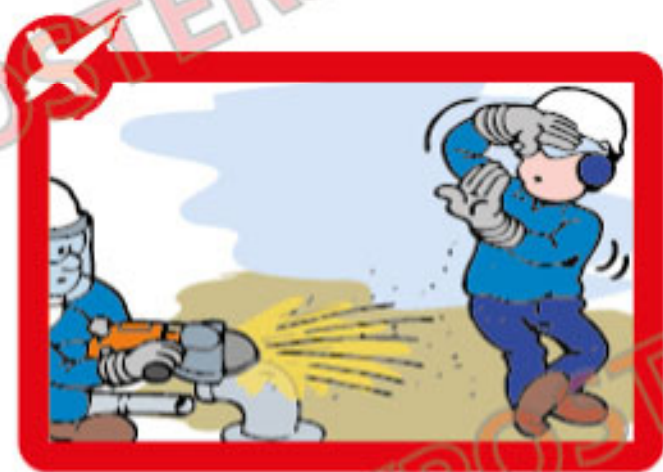
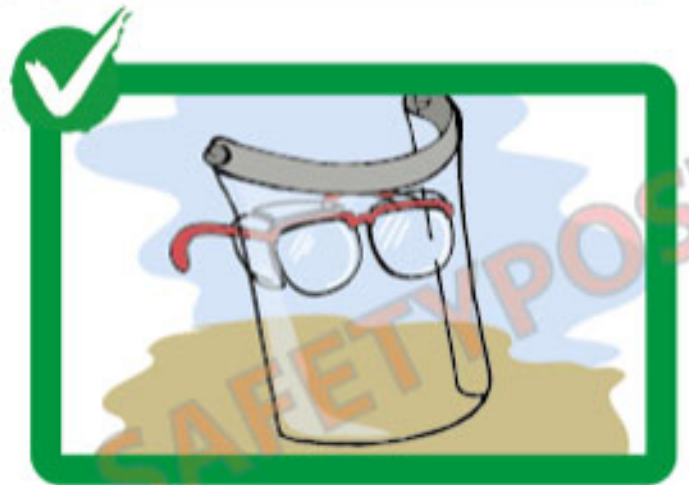
Environment and personal hygiene



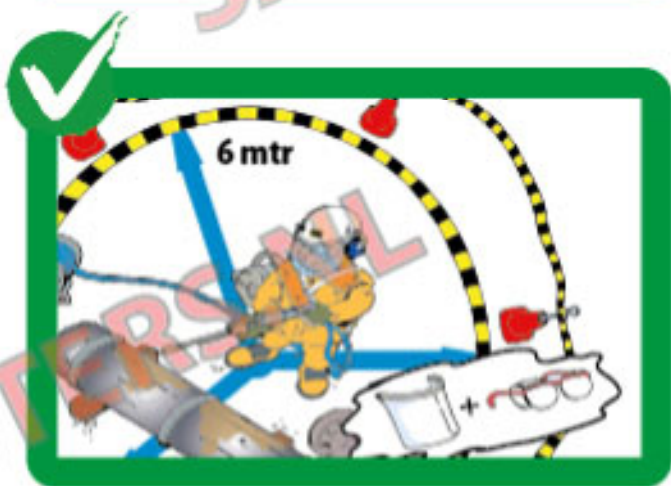
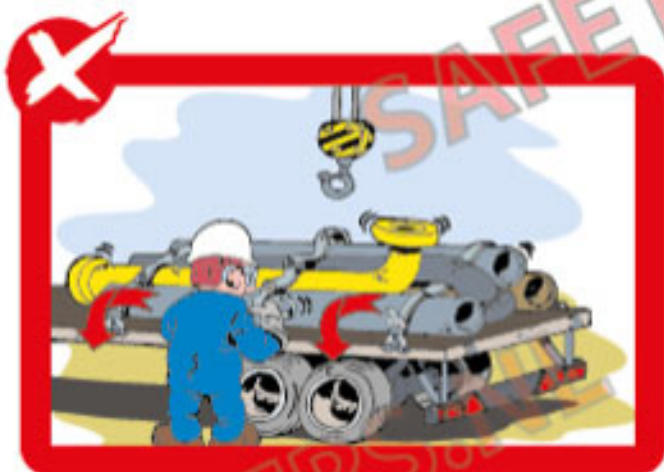
Housekeeping



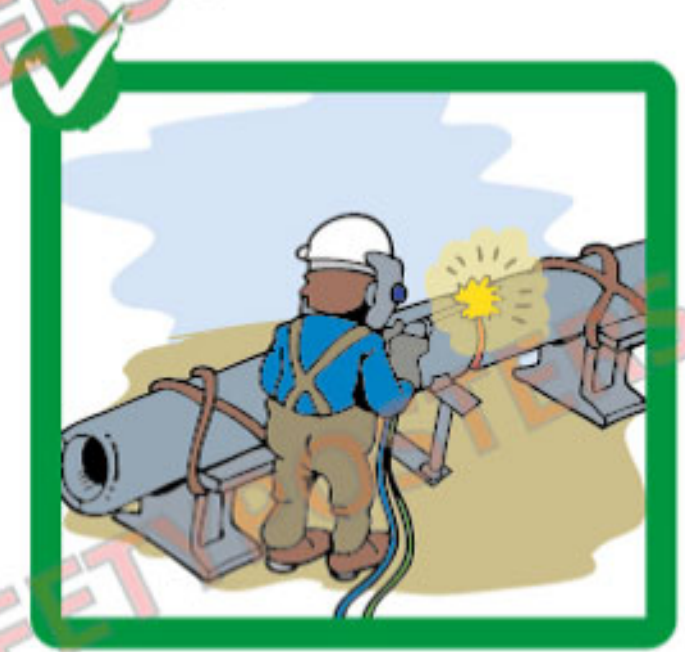
Grinding



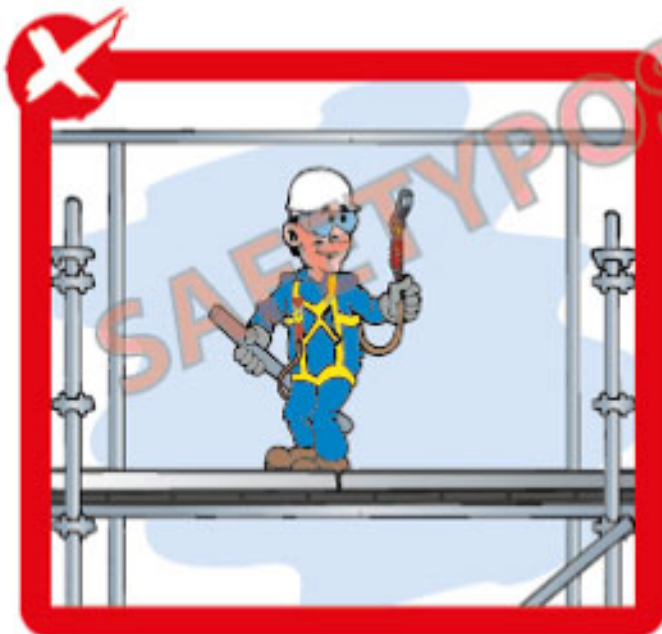
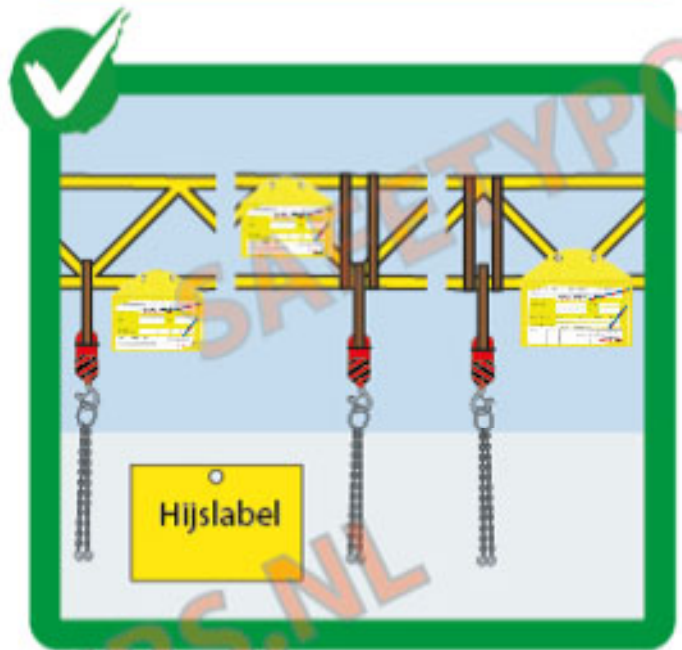
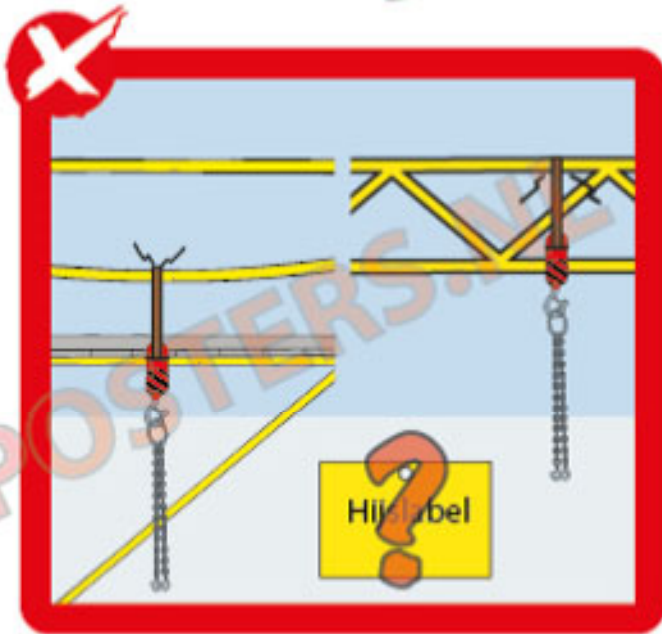
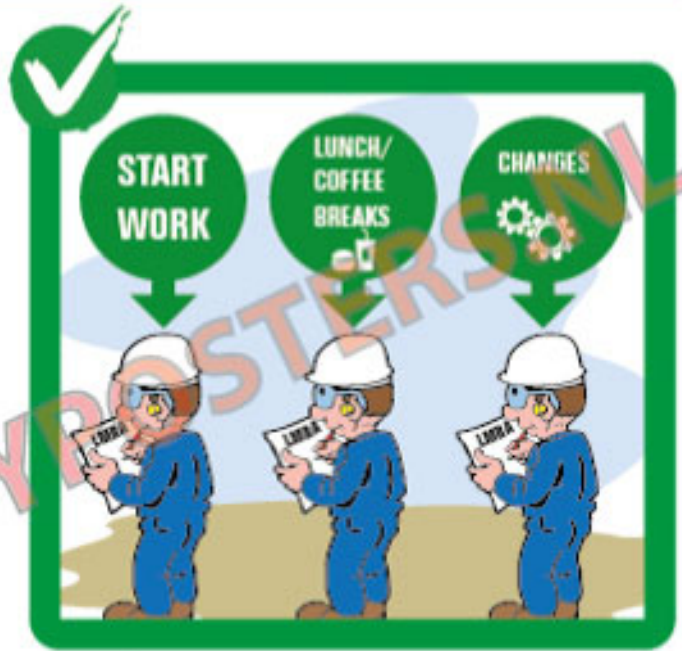
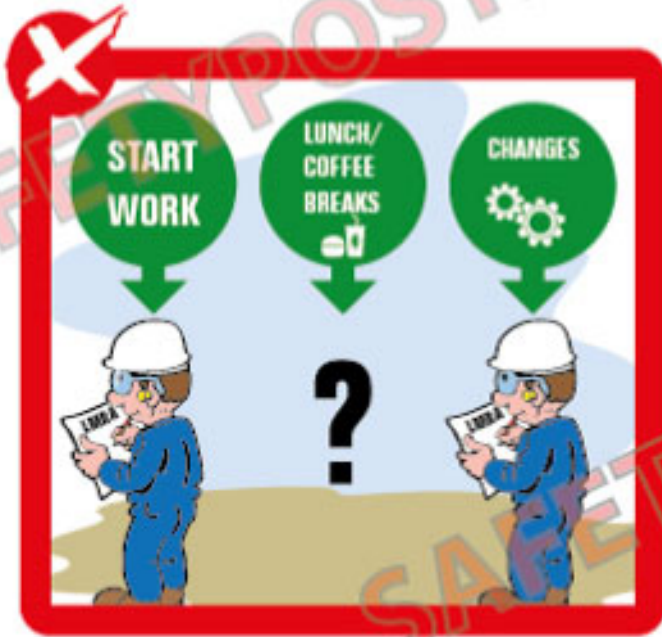
Line of fire



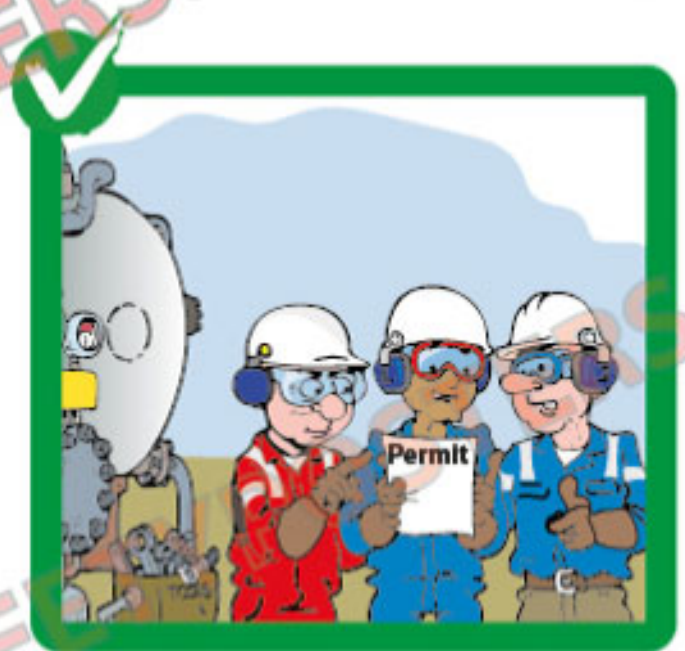
Line of fire



Points of Attention



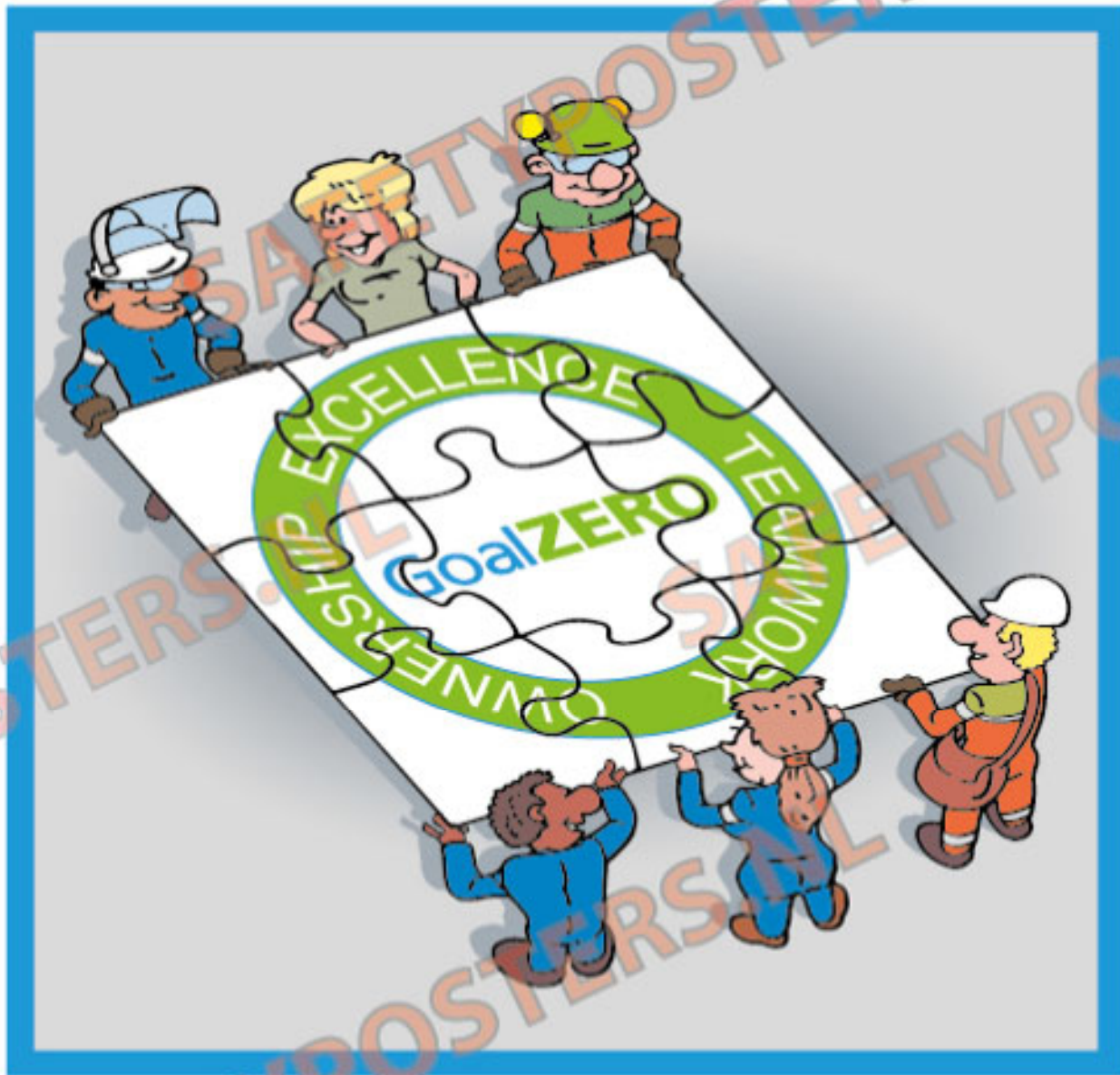
Points of Attention



Points of Attention



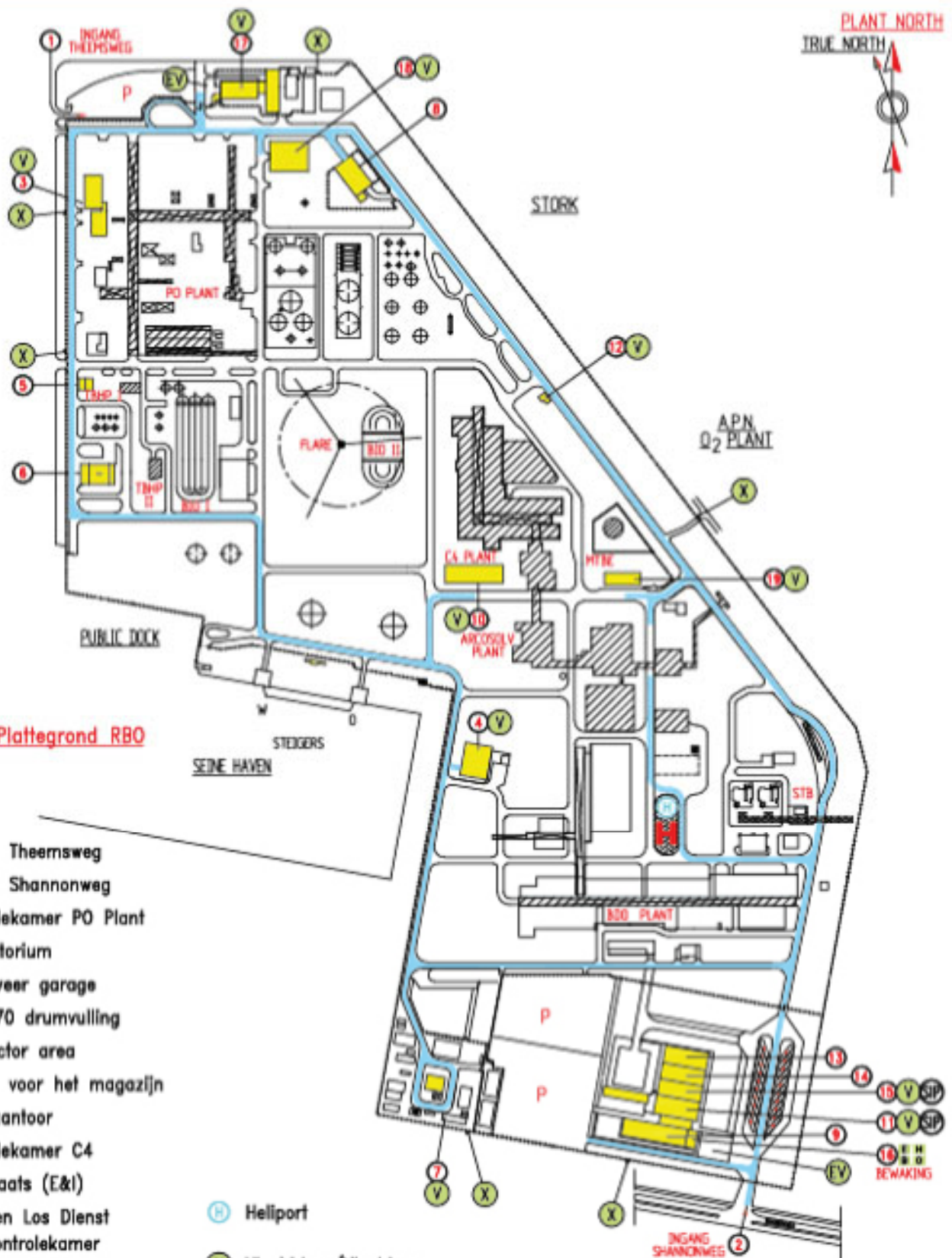
lyondellbasell



GoalZERO

Sharing our best, every day.

Site layout Botlek (RBO = Rotterdam Botlek)



TA-2023 Plattegrond RBO

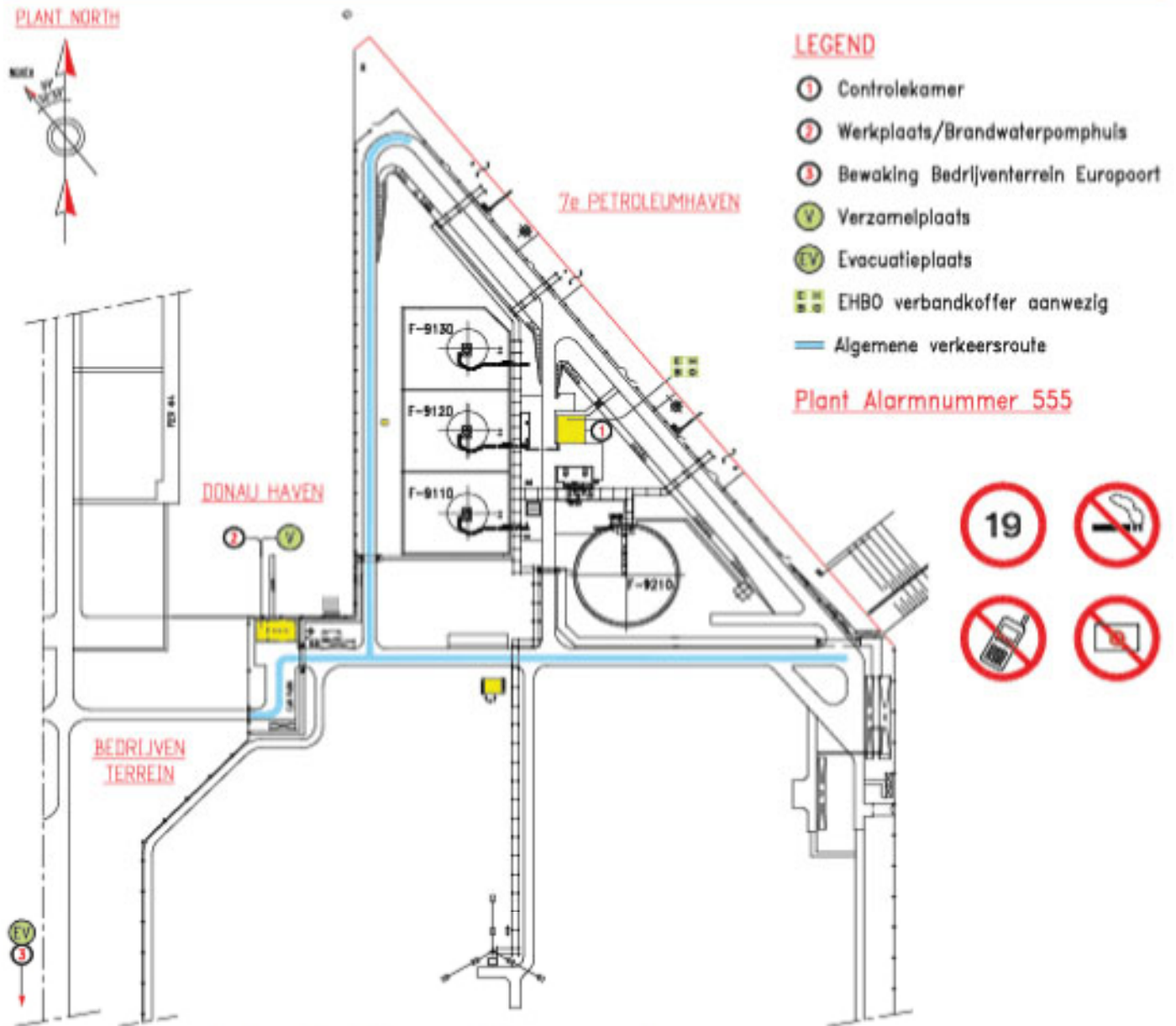
LEGEND

- ① Ingang Theernsweg
- ② Ingang Shannonweg
- ③ Controlekamer PO Plant
- ④ Laboratorium
- ⑤ Brandweer garage
- ⑥ TBHP 70 drumvulling
- ⑦ Contractor area
- ⑧ Opslag voor het magazijn
- ⑨ Hoofdkantoor
- ⑩ Controlekamer C4
- ⑪ Werkplaats (E&I)
- ⑫ Laad en Los Dienst LLD Controlekamer
- ⑬ Magazijn
- ⑭ Werkplaats (Static)
- ⑮ Werkplaats (Rotating)
- ⑯ Security Loge
- ⑰ Kantoor Noord
- ⑱ Prefab shop
- ⑲ TA shop E&I

- Ⓜ Heliport
- ⓧ Vluchtdeur/Vluchtweg
- Ⓨ Verzamelplaats
- ⓎⓎ Evacuatieplaats
- Ⓢ Shelter in Place
- ⓈⓈ EHBO Post
- Algemene verkeersroute



Site layout Europoort (fall under RBO)



Alarm signals for Botlek and Europoort:

Alarm Signal Office:

| | | |
|-------|-----------|----------|
| Siren | ———— | Safe |
| Siren | - - - - - | Muster |
| Siren | /// | Evacuate |

Alarm Signal outside:

| | | |
|-------|-------|----------|
| Siren | ———— | Safe |
| Siren | ~~~~~ | Muster |
| Siren | /// | Evacuate |

In the event of an alarm in the office: follow the instructions of the emergency response personnel and sign out at the card reader at the evacuation muster point.

Evacuation musters Points Botlek.

- South Gate
- North Gate

Evacuation musters Points Europoort.

- Guard house Gate
- Business premises

Mandatory/prohibition signs



Load



Danger of electrocution



Hot steam



Harmful



Radiation



No entry



No welding



Handheld/ cell phone



Grinding prohibited



Climbing prohibited



Hardhat



Safety glasses



Face shield



Secure cylinder



Respiratory air



Safety harness needed



Chemical resistant gloves



Assemble area



Eye shower



Emergency shower



Fire extinguisher



Fire hose

