

# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch



Welcome to Yara Vlaardingen. The following rules apply at this location.

### Personal protective equipment

Always wear the required and indicated PPE.

The following basic PPE are compulsory at the site:

- Safety shoes (EN-ISO 20345)
- Safety helmet (EN397)
- Safety glasses (EN166)
- Body-covering chemical-resistant work clothing (EN13034+A1 type 6)
- Reflective visibility vest (EN-ISO 20471 class 2)

**Additional PPE is indicated at the various loading and unloading points. These include:**

- Protective gloves (work gloves or chemical-resistant (EN 388 or EN 374)
- Face shield when opening a manhole or taking a sample (EN166, chemical-resistant)
- Chemical-resistant acid suit when unloading nitric acid (EN14605 type 3, EN13034+A1 type 6)
- Breathing protection when unloading nitric acid (full face mask with ABEK NO P3 EN 148-1)
- Safety harness with fixed position line when entering the tank lorry (EN 354, EN 358, EN 361)

### Traffic regulations

- The Road Traffic Act applies to this site.
- The speed limit is 20 km/h.
- Weak road users (forklifts and pedestrians) have the right of way unless otherwise indicated.
- Seek eye contact with other road users to be seen.
- At blind areas and intersections, drive at walking pace.
- Vehicles must display lights.
- While driving vehicles, occupants wear seat belts.
- Do not use a mobile phone while driving unless hands-free to operate.
- Pedestrians use designated pedestrian crossings and walkways.
- Park in reverse in the parking bays only. Trucks park in P3.
- During loading and unloading, the engine is off unless necessary for loading and unloading.

### Requirements tankers/tank containers

- Vehicles and their equipment are in a good state of repair.
- The equipment prescribed in the ADR for the transport unit, crew and certain classes must be present.
- Written instruction (hazard card) in accordance with the ADR must be on board.
- Tankers for Nitric Acid 60%, Potassium Hydroxide 50%, Sulphuric Acid 96% and Phosphoric Acid 75% are equipped with an emergency stop on both sides of the trailer end and at least 1 emergency stop at the rear of the trailer to close the bottom valve in case of emergency.
- No reducers may be used for unloading chemicals by means of a fixed hose connection.
- Fixed hose connections are implemented at Yara with a type of German coupling.

# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch



- Hoses must be in good condition and demonstrably approved at least at 12-month intervals.
- For unloading chemicals, the tanker is connected to Yara's working air network (working pressure 3 barg) with a working pressure of on the tanker of 2.5 barg. It is not permitted to use the tanker truck's compressor during this unloading process. This does not apply to the unloading of calcium oxide, magnesium oxide and ASM.

### Rules of conduct

- Follow the instructions of Yara staff at all times.
- The minimum age of drivers is 18 years.
- Co-drivers who have no function in transport must stay off site.
- Wear your visitor badge visibly on your clothing.
- Drivers are present at their vehicles during loading and unloading to monitor the loading process and to intervene immediately in case of emergencies.
- Drivers and visitors must not be under the influence of alcohol or drugs or use medicines that impair driving ability.
- Smoking is prohibited on the premises, buildings and in the truck cabin. Smoking is only allowed in the designated smoking areas.
- No photography or filming is allowed without Yara's permission.

### In case of alarm:

- Stop work immediately.
- Leave the room via the nearest (emergency) exit.
- Look at the wind direction (wind vane).
- Go perpendicular to the wind direction to the assembly point.
- Follow the instructions of FAFS.
- The emergency number is +31 (0) 88 333 00 49.

### In case of a spill:

- Stop loading or unloading immediately, activate the emergency stop of the loading/unloading platform.
- Warn a Yara operator immediately.
- Do not wash away spill with water, use absorbent material.
- Use the emergency/eye wash if chemicals have been spilled on you and flush for at least 15 minutes.
- Remember your own safety by keeping your distance.
- Wait for instructions from the FAFS officers.

### Adres.

Yara Vlaardingen B.V.  
Zevenmanshaven Oost 67  
NL-3133 CA Vlaardingen  
Netherlands

# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch



### **A** Your route to unload chemicals at Yara

#### **1. Parking**

Park your truck in reverse at the truck parking area P3.

#### **2. Report to reception**

- Report to reception.
- Follow the gate instruction and take the test (it is valid for 2 years)
- Driver shows ID proof and submits transport documents to reception.
- Reception stamps transport documents and returns them to driver.
- Driver receives from reception the "Yara safety rules drivers loading and unloading chemicals" and a visitor's pass
- Reception informs Substrafeed operator that driver has arrived.
- Driver waits in truck until picked up by operator.

#### **3. Unloading chemicals**

Follow the instructions of Yara staff.

##### A: unloading nitric acid 60%

- Driver parks truck on unloading bay 3 within yellow-red box.
- Driver and operator complete first part of unloading checklist and check transport document.
- Driver then drives to unloading bay 4, where operator lowers safety gate on tanker. Driver hits the toggles of the manhole covers with a rubber hammer and wearing work gloves.
- Driver drives back to unloading site 3 and hands car key to operator.
- Driver and operator wear full-face chemical-resistant acid suit and ABEK NO P3 full-face mask while connecting, sampling, unloading and within the yellow-red zone.
- Operator removes padlock from unloading point.
- Driver connects discharge hose from Yara to tanker truck and operator places drip pan under bottom valve tanker truck.
- Driver fills discharge hose, but does not yet start the unloading process.
- Operator takes sample of nitric acid and analyses it before unloading is allowed.
- After operator approval, driver attaches air hose to Yara and starts unloading process.
- When unloading is complete, driver removes air hose and unloading hose.
- Driver removes any hazardous residue that has adhered to the outside of the vehicle.
- The driver ensures that valves and inspection openings are closed.
- The driver ensures that on the tanker, when it is completely unloaded, the large labels, markings and orange signs that were affixed in accordance with ADR chapter 5.3 are no longer visible (unless the tanker leaves the site uncleaned).
- Driver and operator complete last part checklist before unloading.
- Operator returns key to driver.
- Driver gives transport document destined for Yara to operator after signing.
- Driver hands in visitor pass at reception to sign out.
- Driver drives to exit.

##### B: unloading other liquid chemicals

- Driver parks truck at unloading area within yellow box.
- Driver and operator complete first part of unloading checklist and check transport document.

# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch



- Driver and operator wear chemical-resistant gloves and a full face shield during hose connection and disconnection and during sampling.
- Operator removes padlock from unloading point.
- Driver connects discharge hose to tanker.
- Operator takes sample and analyses it before unloading is allowed.
- After operator approval, driver attaches air hose to Yara and starts unloading process.
- When unloading is complete, driver removes air hose and discharge hose.
- Driver removes any hazardous residue that has adhered to the outside of the vehicle.
- The driver ensures that valves and inspection openings are closed.
- The driver ensures that on the tanker, when it is completely unloaded, the large labels, markings and orange signs that were affixed in accordance with ADR chapter 5.3 are no longer visible (unless the tanker leaves the site uncleaned).
- Driver and operator complete last part checklist before unloading.
- Driver gives transport document destined for Yara to operator after signing.
- Driver hands in visitor pass at reception to sign out.
- Driver drives to exit.

### C: unloading Calcium oxide and Magnesium oxide

- Driver parks truck at unloading site
- Driver and operator complete first part of unloading checklist and check transport document.
- Driver wears working gloves and at least goggles while connecting and disconnecting the hose and while sampling.
- Operator removes padlock from unloading point.
- Driver connects unloading hose to silo truck.
- Driver takes sample and hands it to operator.
- When light at unloading point is green, driver starts unloading process by applying controlled pressure on silo trolley.
- When unloading is complete, driver removes unloading hose.
- Driver removes any hazardous residue that has adhered to the outside of the vehicle.
- The driver ensures that valves and inspection openings are closed.
- Driver and operator complete last part checklist before unloading.
- Driver gives transport document destined for Yara to operator after signing.
- Driver hands in visitor pass at reception to sign off.
- Driver drives to exit.

### **4. Leaving the premises**

Drive to the exit and report via the intercom (reception). Reception will open the gate for you.

# Yara Driver safety rules

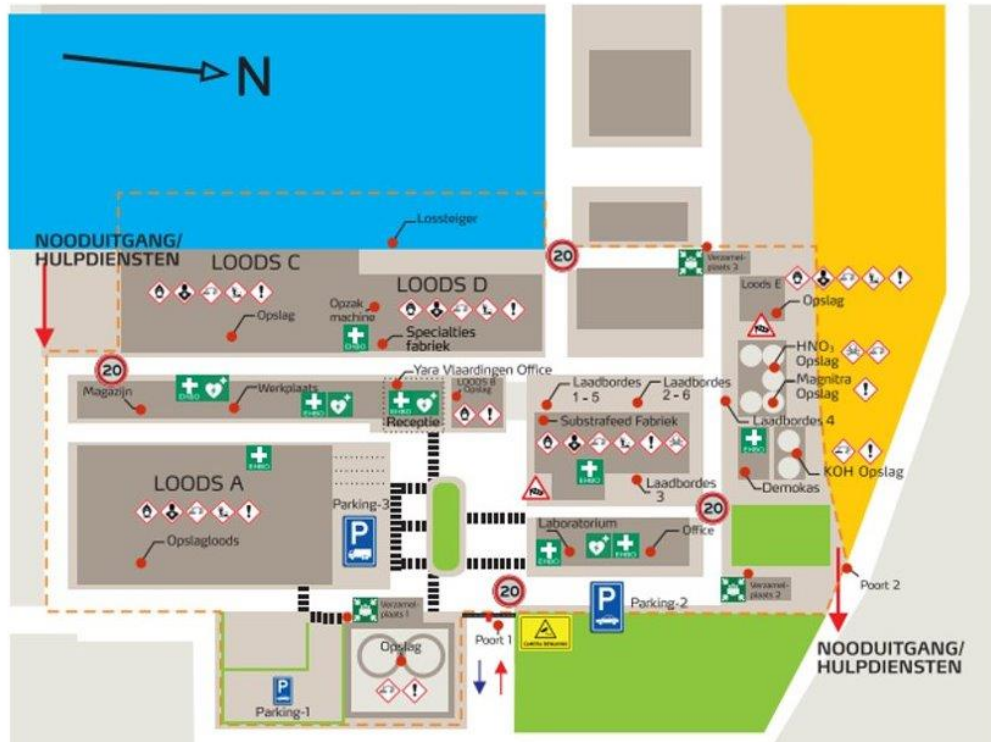
## Loading and unloading chemicals



Engels  
Englisch



### PLATTEGROND VAN DE SITE



- Verzamel plaats
- Parkeren personen auto
- Parkeren vracht auto
- Maximum snelheid
- AED
- Camera Bewaking

# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch



### B Your route to load chemicals at Yara

#### 1. Report to reception

- Report to reception.
- Follow the gate instruction and take the test (it is valid for 2 years)
- Show your ID proof at reception.
- Driver completes registration form at reception.
- Driver receives from reception the "Yara safety rules drivers loading and unloading chemicals" and a visitor's pass.
- Reception directs driver to transport planning (outside office take up stairs).

#### 2. Registration of transport at transport planning

- The driver reports to the transport planning office (outside office upstairs).
- If the lorry still has to be weighed, this can be done at B-next (Maassluisdijk 103, Vlaardingen).
- Driver indicates the product to be loaded
- Driver hands over from the tanker the cleaning certificate or the document with the previous load content/dirty declaration.
- Transport planning gives loading permit and loading pass to driver.
- Transport planning points out the loading bay to the driver
- At the loading bay, the driver reports to the operator in the bay.

#### 3. Loading product

##### A: loading bay 1, 2, 3, 5 and 6

- Driver parks truck at loading bay within yellow box.
- Driver and operator complete first part loading checklist.
- In the bay, driver offers the loading pass at the terminal and fills in the contents that fit into 1 compartment, taking into account the maximum tank fill level, any residual load and the maximum permissible weight of the tanker.
- Driver puts on harness and attaches belt to the lanyard at the ramp.
- Driver selects the required product on the side of the loading platform and climbs onto the tanker.
- Driver attaches the overfill protection and lowers the loading hose into the manhole and starts the loading process.
- If necessary, the driver repeats the loading process if several compartments need to be filled.
- When the driver has finished, he stops the loading process and goes to the bay window
- The driver holds the loading card at the terminal and prints a delivery note.
- Driver and operator complete last part of loading checklist.
- Driver drives back to car park P3 and walks to transport planning
- Driver gives delivery note and loading pass to transport planning.
- Transport planning gives internal transport document to weigh at B-Next to driver, after which driver can weigh at B-Next.
- Driver reports to Transport Planning with weighing weight, whereupon Transport Planning hands transport documents (CMR) to driver.
- Driver hands in visitor pass at reception to sign out.
- Driver drives to exit.



# Yara Driver safety rules

## Loading and unloading chemicals



Engels  
Englisch

### B: loading ramp 4 (Magnitra)

- Driver parks truck on loading bay within yellow box.
- Driver and operator complete first part loading checklist.
- In the bay, the driver offers the loading pass on the terminal and fills in the contents that fit into 1 compartment, taking into account the maximum tank fill level, any residual load and the maximum permissible weight of the tanker.
- On loading platform 4, driver lowers fencing on tank (container).
- Driver lowers filling point with overfill protection into manhole and starts loading process by pressing start on the platform.
- When the driver has finished, he stops the loading process and goes to the bay window
- The driver holds the loading pass on the terminal and prints a delivery note.
- Driver and operator complete last part of loading checklist.
- Driver drives back to car park P3 and walks to transport planning
- Driver gives delivery note and loading pass to transport planning.
- Transport planning gives internal transport document to weigh at B-Next to driver, after which driver can weigh at B-Next.
- Driver reports to Transport Planning with weighing weight, whereupon Transport Planning hands transport documents (CMR) to driver.
- Transport planning hands over transport documents (CMR) to driver.
- Driver hands in visitor pass at reception to sign out.
- Driver drives to exit.

### 5. Leaving the premises

Drive to the exit and report via the intercom (reception). Reception will open the gate for you.

## PLATTEGROND VAN DE SITE

