




<p style="text-align: center;"><b>OPERATIONS MANAGEMENT SYSTEM GELEEN</b></p>	<p style="text-align: center;">OMS-313 Appendix I B</p>	 <p style="text-align: center;">OMS 231 Format 2</p>
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## 1 INTRODUCTION

The Contractor must comply with Dutch/European Law, the Basic Site Rules (Chemelot) and the additional EHSS regulations and EHSS information cited in this addendum.

In the unlikely event of discrepancies between the legal requirements, the Basic Site Rules or Geleen Site OMS, the strictest of these requirement shall apply.

Where Geleen Site OMS is mentioned in the addendum and you require additional information, you can request this from the SABIC Contract Manager.

Frequent references are made within these established rules to the Basic Site Rules Chemelot (SR). These rules include specific forms and can be found at [www.chemelot.nl](http://www.chemelot.nl) under Basic Site Rules Chemelot [Basis Site Regelgeving Chemelot].

Compliance policy with regard to regulations: setting limits is necessary. The SABIC compliance policy is based on the Chemelot Site Regulatory Compliance Policy Guidelines. See Basic Site Rules chapter SR 1.6 and the Policy Board Management Handbook (para. 3); see embedded file in OMS 232.



Instructie  
Nalevingsbeleid Che

## 2 GENERIC WORKING CONDITIONS FOR THE GELEEN SITE

### 2.1 Working hours

The Contractor shall ascertain from SABIC's appointed representative what hours of work shall be applicable to the Works. The Contractor's employees shall conform to the hours of work agreed with SABIC's appointed representative

### 2.2 Access passes

See Basic Site Rules Chemelot, chapters SR 7.2.1 to 7.2.11 inclusive and 7.3.

### 2.3 Access to the Geleen Site and right to search


See Basic Site Rules Chemelot, chapter SR 7.5.

### 2.4 Safety aids/devices (Personal Protection Equipment, (SR 1.4; rules of conduct, chapter 2, OMS Geleen Site 316.08))

#### 2.4.1 General

Within the plant boundaries (IBL) indicated by barriers and ATEX signs, there is a general obligation to wear:

- - a safety helmet

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- - safety shoes with steel toecaps
- - safety goggles with side shields

#### CONTACT LENSES:

Wearing contact lenses within the working areas is permitted, provided that appropriate (full closing) safety goggles are worn and permission is obtained from the company doctor.

In order for the clothing to provide protection, it must be fully closed and come down as far as your shoes.


The Contractor must take responsibility for the procurement/use of the above safety equipment.

In addition to this compulsory safety equipment, you must comply with additional safety measures which are indicated by the blue signs or in the Work Permit.

#### 2.4.2 Clothing regulations

- Within an ATEX zone and in areas on the site enclosed by barriers, it is compulsory for the outer layer of clothing to meet at least the NEN 1149 (anti-static) and NEN-EN-ISO 11612:2015 (protection against heat and flames) standards. Old clothing with NEN 531 is still sufficient, but new clothing must meet the new standard. The clothing to be worn is indicated on the factory card.
- Work clothing protects against standard hazards and consists, at a minimum, of trousers with long legs and a jacket with long sleeves.
- In order for the clothing to provide protection, it must be fully closed and come down as far as your shoes.
- Clothing that only complies with NEN 1149 is only permitted if clothing is worn underneath that complies with the clothing regulations. Clothing that (also) does not comply with EN 1149 is only permitted if clothing is worn underneath that complies with the clothing regulations and an explosion risk is continuously measured during the work, or if other risk management measures for the deviation(s) have been laid down in a JSA. In both cases, no work constituting a fire hazard may be carried out.
- If no undergarments complying with the clothing regulations are worn either, a JSA must ALWAYS be drawn up.
- If the standard work clothing does not offer sufficient protection, an alternative must be selected from the safety equipment manual that offers sufficient protection for the work to be carried out (welders, for example, must wear a welding apron, and heat-resistant clothing must be worn in the event of extremely high temperatures [up to 422 degrees]).
- Employees qualified as a competent person, team leader or person responsible for work must wear work clothing that meets the EN 61482-1-1 standard as their outer layer of clothing during electrotechnical work and/or switching operations (Open Arc Test - tests the level of protection provided by the clothing in the event of an open electric arc) ATPV value  $\geq 8 \text{ cal/cm}^2$  (for calculation, see appendix).
- **Disposable clothing (work where there is no risk of fire):**  
Disposable overalls are required to comply at least with EN1149; underneath these overalls, work clothing must be worn which complies with EN11612.
- **Disposable clothing (work where there is a risk of fire):**  
Disposable overalls are required to comply at least with EN1149 & 11612.

#### 2.4.3 Protective clothing supplied by SABIC

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The Employer may provide protective clothing for specific activities carried out by the Contractor, who shall use such clothing in a manner as prescribed by the Employer and care for it in a responsible manner.

## 2.5 Vehicles and drivers

See Basic Site Rules Chemelot, chapters SR 5.9 and SR 7.3 (vehicle admission regulations)

## 2.6 SABIC Geleen buildings and property

The employer shall not enter any building on the SABIC Site without the permission of SABIC's appointed representative.

## 2.7 Printed or written matter

No notice, advertisement, window bill or other matter, printed or written other than those displayed in the Contractor's own buildings may be posted, placed or distributed in the SABIC Site without the permission of SABIC's appointed representative.

## 2.8 Visitors

See Basic Site Rules Chemelot, chapters SR 7.2.3 and 7.2.8.

## 2.9 Photography and filming

See Basic Site Rules Chemelot, chapter SR 7.6.

## 2.10 Fencelines

Fencelines are used to separate or enclose areas where different rules and safety procedures apply. The Contractor shall not break or cross any fenceline without the permission of SABIC's appointed representative and then only upon conditions laid down by SABIC's appointed representative.


## 2.11 Radio communication equipment

Mobile phones (GSM): see Basic Site Rules Chemelot, chapter SR 5.12.

Drivers are not permitted to use mobile phones in moving vehicles (including hands-free sets) (OMS 326.01 Instruction 6.3).

## 2.12 Alcohol/Drugs

Basic Site Rules Chemelot, chapter SR 5.11

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### 2.13 Explosives

### 2.14 Firearms

Firearms (including shotguns, air-powered weapons and replica weapons) shall not be brought on to the SABIC Site under any circumstances.

### 2.15 Noise

The Contractor shall carry out the Works in a safe manner, which will keep noise levels to a practicable minimum. When high noise levels are thought by the Contractor to be unavoidable, the Contractor shall inform SABIC's appointed representative prior to the start of work.

The Contractor shall comply with the SABIC sites rules for protection from noise hazards at all times. These will be as instructed through site and plant safety inductions, local signage or as directed by SABIC's appointed representative through SABIC work permits.

### 2.16 Personal electrical devices

People with personal electrical devices (e.g. pacemakers, diabetic pumps) must notify the relevant plant before commencing work.

### 2.17 Smoking areas and sources of ignition

The possession of any means of ignition is prohibited inside SABIC plant areas. As of March 1st 2021 smoking is prohibited on the entire SABIC site Geleen.

### 2.18 Fires

No fires shall be lit on the SABIC Sites under any circumstances.

### 2.19 Calling in the police


Basic Site Rules Chemelot, chapter SR 7.7

### 2.20 Accessibility of roads and grounds

Basic Site Rules Chemelot, chapter SR 4.3

### 2.21 OBL signage and road diversions

Basic Site Rules Chemelot, chapter SR 4.5

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2.22 Cleaning equipment prior to dispatch with regard to maintenance, testing and disbursements, Basic Site Rules Chemelot, chapter SR 5.4.5

2.23 Utilities (incl. breathing air, drinking water)

Basic Site Rules Chemelot, chapters SR 5.10.4 and 5.10.5

### 3 SAFETY, HEALTH AND WELFARE

#### 3.1 Safety policy/regulations

THE HIERARCHICAL LINE (OMS 313)

The hierarchical line is responsible for ensuring that EHSS tasks are carried out properly.

The table below shows how responsibilities for the environment, health and safety are organised.

The hierarchical line within SABIC, starting with the General Manager of the Geleen Site, the Director of Operations of the Geleen Site, the Senior Maintenance Manager or the Senior Operations Manager and the Maintenance Manager, down to the Shift Supervisor, is responsible for implementing the policy, targets, resources and for checking proper compliance therewith.

Table 1


Line	Plant Area Manager areas	Workplace Maintenance	Other
Area Manager	Director Operations Geleen Site	Senior Maintenance Manager	Senior Maintenance Manager
Responsible for EHSS regulations	Senior Operations Manager	Maintenance Manager	Specialist Contract Management (Buildings)
Responsible for enforcing EHSS regulations	Shift Supervisor	Maintenance Execution Supervisor	Buildings Supervisor Supervisor Cleaning area
Complying with obligations	Individual employee	Individual employee	Individual employee

GENERAL

Table 2: the relationship between the Client and Contractor and the roles specific to Contractor work are shown below:

Client side						Contractor side	
Role	Employee					Role	Employee
	Turn- arounds	Projects	Maintenan ce	Buildings	General service contracts		
<b>Client</b>	General Manager Geleen Site	General Manager Geleen Site	General Manager Geleen Site	General Manager Geleen Site	General Manager Geleen Site	Contractor	Board representative
<b>Contract Manager (Client's)</b>	Turnaround Manager	Project Manager	Senior Maintenance Manager	Contract Manager Facilities	Senior Manager Procurement	<b>Client's authorised person</b>	Project Manager



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Client side						Contractor side	
Role	Employee					Role	Employee
	Turn-arounds	Projects	Maintenance	Buildings	General service contracts		
authorised person)							
<b>Contact person for contractual aspects</b>	Contract Engineer	Project Engineer	Supervisor P&S	Contract Manager AAFM	Assigned Contract Owner	-----	-----
<b>Guidance &amp; Control employee</b>	Inspector, Preparations Coordinator, Planning Coordinator, SF Coordinator	Construction Manager	Contractor Supervisor	Buildings employee	-----	<b>Supervisor</b>	Construction Manager, Contractor

#### Contractor work:

Performing work on a contract basis and under their management and responsibility on the SABIC site through a (main) contractor and possibly a subcontractor.

#### Multiple contractors working together (Article 19 of the Health and Safety at Work Act [Arbowet])

It must be set out in writing and made clear to the Client the way in which the contractors will be cooperating, the provisions that must be met and how these provisions will be supervised. The person authorised by the Contractor in consultation with the Contract Manager shall take the initiative in this respect.

#### DUTIES OF EMPLOYEES OF THE CLIENT

##### Duty of the Area Manager

The Area Manager's duty is to ensure compliance with the Environment, Health, Safety and Security (EHSS).

##### Duty of the Client


The person who requests or commissions the work on behalf of the legal entity SABIC.

The Client's duty is to establish the EHSS responsibilities and agreements between the parties involved and to supervise them.

In the case of Contractor work, the Client must appoint a contract manager. This appointment shall be notified to the Contractor in writing.

##### Duty of the Contract Manager

The employee who, as the authorised representative of the Client, is tasked with establishing the framework conditions (scope, time, money, quality and EHSS) for a contract and is put in charge of supervising the performance of the work.

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- Where there are several Contractors, the Contract Manager must ensure that mutual consent is reached (Article 19 of the Health and Safety at Work Act [Arbowet]).

#### Guidance & Control Employee (Contractor Supervisor)

The employee who is entrusted on behalf of the Client to supervise a contract at the place of performance and thereby checks compliance with the EHSS regulations and procedures, including the quality and quantity of the services rendered.

Depending on the nature of the work and the agreed cooperation with the Contractors, the range of tasks of the Guidance & Control Employee may vary. The tasks must be described accurately in the assignment given to the Guidance & Control Employee.

#### DUTIES OF EMPLOYEES OF THE CONTRACTOR

##### Duty of the Contractor's Management

The natural person or legal entity with whom/which the Client has concluded a contract to carry out work.

The duty of the Contractor's Management is to comply with the agreements made with the Client in the field of EHSS and to assign the EHSS responsibilities within its organisation.

The Contractor's Management is responsible for ensuring that:

- work is carried out by employees who meet the criteria laid down in the relevant legislation and who possess the necessary competence, reliability and physical and mental capability to carry out the work;
  - employees are aware of and comply with their own necessary and required instructions and SABIC instructions and regulations in order to be able to perform activities at the SABIC site in Geleen;
  - the work is carried out in a safe and environmentally friendly manner;
  - a Contractor's agent is appointed in writing and this is made known to the Client. The agent's tasks, responsibilities and capabilities with regard to EHSS must be set out in writing.
- INCIDENTS: as well as reporting incidents (including accidents), the Contractor must report the following information to SABIC (EHSS Department) with regard to the reporting of accidents: **Number of contractor hours on the Site**


##### Duty of the Contractor's agent

The employee who, as the Contractor's agent, is the first responsible party for ensuring that the work taken on is carried out in a safe and environmentally friendly manner.

The Contractor's agent is responsible for:

- assigning duties, powers and responsibilities with regard to EHSS and supervision thereof;
- taking decisions with regard to EHSS measures to be taken and resources to be made available;
- the agent must assign duties to the Contractor's other employees as part of his responsibility for the safe performance of the activities. These tasks must be described accurately. He must ensure that these employees have the qualifications and resources required to carry out these tasks properly.

##### Duty of the Contractor's foreman

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The foreman is the Contractor's employee who manages and is responsible for the method of execution.

The Contractor's foreman has the following EHSS-related duties as a minimum:

- making sure that the work is carried out in a safe and environmentally friendly manner by his employees;
- ensuring that his employees comply with the EHSS requirements;
- ensuring that his employees report to work on time at the reception of the site where the work is to take place;
- drawing the attention of his employees to (toolbox meetings) and giving them the opportunity to follow the necessary EHSS instructions;
- contacting the Client's G&C employee before commencing work;
- signing the necessary permits as Head of the Executing Department. In exceptional cases, this may be done by another employee, provided that he has been authorised to do so in writing by the Contractor Management and has received the required training (e.g. VCA-VOL);
- ensuring that the measures to be taken, which are indicated on the permits and which are the responsibility of his Receiving Department, are carried out;
- ensuring that his employees comply with the reporting obligation;
- reporting any unusual incidents involving his employees to the Client's G&C employee and Shift Supervisor;
- ensuring that work is carried out properly and tidily and that the workplace is left in a clean state;
- ensuring that his employees are able to work safely at the site at which the work is to be performed and are not endangered by the activities of the Client and the Area Manager;
- intervening where agreements and regulations related to his tasks are insufficiently complied with and, if necessary, stopping the work;
- consulting with the immediately superior Manager of SABIC's Receiving Department;
- providing PPE, if necessary.

### 3.2 Safety Inspections


Inspections are carried out, in which the Contractor must cooperate (OMS313).

### 3.3 Safety behaviour

A VOC programme shall be implemented in which behaviour during the performance of work is discussed with the Contractors (OMS 232).

### 3.4 EHSS orientation training and working arrangement

- The Contractor (employee) shall take part in an EHSS orientation training course or must have already taken part in such a course; this consists of:
  - Site Access Instruction (SR 5.3.1)
  - Plant Safety Instruction (OMS 316.01 SR 5.3.2)
  - LMRA Instruction (SABIC or via Contractor if the Contractor has its own LMRA instructor) (OMS 316.10 and SR 5.6.)
  - Workers: VCA basis (SR 5.8)

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- Managers and employees involved in the Work Permit system: VCA Vol. (SR 5.8)  
Depending on the role, training may also be given on how to use the Geleen Site Work Permit.

When hiring employees who are not fluent in Dutch:

- Any worker of the Contractor must speak both the language spoken by these employees and also be fluent in Dutch, English or German.
- The Contractor must guarantee that these employees understand the EHSS and work-related documents drawn up in Dutch.

### 3.5 Training for performing hazardous tasks

See Basic Site Rules Chemelot, chapter SR 5.3.4.

In addition to the VCA training, it is necessary and legally required that employees be trained in performing hazardous tasks as laid down in the SSVV training guide (SOG).

### 3.6 Reporting accidents and unsafe situations

The Contractor shall immediately inform SABIC's appointed representative of any injury, incident or dangerous occurrence on the SABIC Geleen Site involving its employees, and shall cooperate with the Employer in any enquiry or other action like interview or RCA taken to prevent a recurrence of the event.

### 3.7 Plant SHE Meeting

The Contractor's representative is invited to participate in weekly Plant SHE meetings based on project size.

### 3.8 Hazardous Substances


No hazardous substances or chemicals shall be brought onto the SABIC Geleen Site without the permission of SABIC's appointed representative.

The Contractor shall ensure that all safety precautions are identified and complied with in accordance with current regulations and Employer's requirements, when handling and storing dangerous chemicals and materials on the SABIC Geleen Site.

### 3.9 Emergency procedures

See Basic Site Rules Chemelot, chapter SR 8.4.

In the event of imminent danger, users of the Site are alerted so that they can move to safety. Traffic flows are also regulated to keep people out of the risk area and create space for the emergency services. The Chemelot Site Access Instruction informs all site users of how to act in the event of an alarm. This document describes the system of horn and siren areas, safe escape, muster and roll-call areas, Shelter in place (Redelijk dichte ruimte (RDR) in Dutch) that must be accessible at all times and technical signalling measures.

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### 3.10 Fire prevention and fire-fighting equipment

The Contractor shall satisfy SABIC's appointed representative that adequate precautions are taken against fire in any building, temporary facility or work areas present on the SABIC Geleen Site for which he has been granted management control. This will, include the provision of any required firefighting equipment.

### 3.11 Safety reports

See Basic Site Rules, chapter SR 5.4.2.

### 3.12 Contractor employee safety

The Contractor shall appoint an individual to be responsible for EHSS matters on site. Depending on the size of the task, this may be full-time, part-time, visiting or combined with other roles

## 4 WORK PERMITS

### 4.1 Work Permit

The roles, regulations and method can be found in the OMS 316.10 instructions; Contractor employees must follow a training course (the scope of which will depend on the role) so that they are clear about how to handle the Work Permit.

Every Contractor carrying out work shall submit its general or specific RI&E to SABIC. In the case of activities that are not covered by the Contractor's general RI&E, the Contractor needs to draw up a JSA in cooperation with SABIC.

If a JSA is identified, it will be indicated on the Work Permit.

## 5 EMPLOYMENT MATTERS

### 5.1 Suitability for work


The Contractor shall ensure that its employees and any agreed subcontractors are competent to undertake their work.

### 5.2 Fitness for work

Employees who perform tasks for which their physical condition and state of health are especially important must undergo periodic health checks. A corresponding medical declaration must be submitted.

This includes, inter alia:

- Employees who are involved in climbing to and/or working at great heights (> 75 m)
- Professional drivers
- Crane operators

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- Users of self-contained breathing apparatus

### 5.3 Infectious diseases

The Contractor shall inform SABIC's appointed representative of any Contractor's employee on the SABIC Geleen Site or who has been on the SABIC Geleen Site who is suffering from, or has been in contact with any infectious or contagious disease.

Such an employee may only return to work with the approval of the Contractor and the Employer certificate of good health from a medical practitioner.

### 5.4 Behaviour on the Geleen Site

See Basic Site Rules, chapter SR 1.6.

### 5.5 Regulatory visits

The contractor shall inform the SABIC representative of any potential visits to SABIC sites from inspectors from the regulatory bodies well in advance of the visit. Where the visit is discretionary permission shall be sought from the SABIC representative beforehand.

## 6 ADMINISTRATION

### 6.1 Delivery of materials

See Basic Site Rules, chapters SR 5.9 and 7.3.

## 7 SITE ESTABLISHMENT AND HOUSEKEEPING

### 7.1 Temporary buildings


See Basic Site Rules, chapter SR 4.4./5.20.

In addition to SR 4.4, temporary buildings must also comply with the SABIC Geleen Housing rules (OMS 311.01).

### 7.2 Waste disposal & recycling

All personnel are responsible for maintaining a high standard of cleanliness at workplaces (housekeeping) as follows:

- Workplaces shall be kept in a clean, tidy and orderly condition at all times.
- At the end of working period, all welding cables and hoses are to be coiled up and stored.
- Compressed gas cylinders shall be kept closed and in an upright position in the cylinder trolley and secured at a safe location away from Process equipment.
- General waste/rubbish shall be placed into bins.

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Note: Ensure that the environment is free of obstacles that hinder the execution of the job or a fast and safe exit from the workplace. Look further into the future than the scheduled activities. Risks can also be caused by unexpected issues that can have a negative effect on a safe workplace

- Waste must be sorted before it is deposited at the environmental park

## 8 REGULATIONS FOR SPECIFIC ACTIVITIES AND PLANTS

### 8.1 Working in the vicinity of buildings/installations

Pipeways/pipe racks, see Basic Site Rules, chapter SR 4.7.

### 8.2 Electrical installations and equipment

General rules on electrical and technical safety: see Basic Site Rules, chapter SR 5.7.

### 8.3 Access to vessels/confined spaces

Access is regulated via the Work Permit, see 4.1.

### 8.4 Radiological regulations

See Basic Site Rules, chapter SR 5.4.

### 8.5 Ground works (excavation)

Access is regulated via the Work Permit, see 4.1.

### 8.6 Cartridge-operated tools

The Contractor shall not bring on to the SABIC Site any cartridge operated tools or cartridges (tools making use of explosive charge for driving fixing devices into a base material like concrete) without first obtaining the written consent of SABIC's appointed representative.

### 8.7 Working at heights


Specific regulations for working at heights (OSM 319.09) must be requested in advance from the Guidance & Control Employee (e.g. Contractor Supervisor).

### 8.8 Scaffolding + access

Employees are only permitted to climb scaffolding if the scaffolding has been tested and provided with a green scaffolding card (OSM 316.09, Instruction 5).

Grounding of scaffolding: scaffolding (incl. rolling scaffolding) set up within the zoned-off area must be grounded in accordance with SABIC guideline VAPR 20.



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## 8.9 Barriers

Barriers: see Basic Site Rules SR 5.4.1 and

Additional Barriers (OSM 3110-05)

If carcinogenic substances can be released, it must be stated separately which barrier can be considered effective: see examples in the table.

Situation	Barrier
Occasional work/activities which can lead to the release of carcinogenic substance(s).  Unusual event which can lead to the release of carcinogenic substance(s).	Yellow barrier tape with the repeated black text “carcinogenic substances” and a “skull-and-crossbones triangle”.
Regular recurring activities at a fixed workplace which can result in the release of carcinogenic substance(s).	Black and yellow nylon rope with a triangular board (skull and crossbones with the caption “carcinogenic substances”).
Room with permanent presence of carcinogenic substance(s) at the workplace.	Black and yellow triangular board with a skull and crossbones and the caption “carcinogenic substances”, possibly in combination with nylon rope.

## 8.10 Dropping materials

No tools, materials or waste shall be dropped from heights unless it employs a safe method which has been approved by the SABIC representative.


## 8.11 Hot work/Open flame

Access is regulated via the Work Permit, see 4.1.

## 8.12 Hazardous Materials (transport)

Transporting hazardous/non-hazardous materials (OSM 3113-01)




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Transporters must comply with the EHSS requirements as indicated in the diagram below.

Category →	Transporters (Liquid + Dry Cargo)	Suppliers of raw materials and ancillary materials	Collectors	Dispatching agents Couriers (packed goods)
Explanation by category	Transporters with a framework agreement	Suppliers with a framework agreement 1)	Transporters brought in by customers	Transporters brought in by site users, contractors and suppliers
EHSS requirements	SQAS (valid report)	X 2)	X 3)	
EHSS management system	X	X	X	
CEPIC Guideline Standardization of Equipment				
Site access requirements for drivers	Admission rules 6 chemicals companies	Admission rules 6 chemicals companies	Admission rules 6 chemicals companies	Exclusion of certain substances in transit

- 1): Own transport or transport brought in by the supplier.
- 2): In due time SQAS (Safety and Quality Assessment System / CEPIC – Responsible Care); in this respect, contracting parties must have a phasing-in plan.
- 3): It is determined on the basis of risk assessments whether SQAS should be prescribed.
  - Information + documents regarding the material to be transported, material data (MSDS) and packaging/labelling are made available or sent.
  - The packaging and labelling of a material or materials must comply with the requirements set out in the regulations of the Environmental Management Act, Chapter 9, EU-CLP and the ADR, parts 4 and 5.
  - Availability of consignment documentation.
  - The driver is able to communicate in one of the accepted languages (Dutch, English, German or French).
  - The transporting unit and driver have the correct papers/certificates for transporting the material.
  - When transporting hazardous substances, the transporting unit and the driver (training) must comply with the ADR regulations.
  - If the driver performs the loading or unloading operations himself, this must be set down in a contract.
  - It is not permitted to park a transporting unit with hazardous goods to be loaded/unloaded within the Chemelot site outside the loading/unloading times.

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### 8.13 Fibre rope

Only officially certified fibre ropes in good condition are allowed for hoisting. See also best practice “gebruik hijstouwen” Chemelot site regulation

### 8.14 Gas cylinders

Gas cylinders in use in workshops or plant environments should normally be kept in a purpose - built trolley. If cylinders are to be lifted by crane they shall be secured to specifically designed cradles or trolleys/carts, which are designed and tested as lifting appliances.

Gas cylinders when not in use shall be stored in purpose-built cages, shaded from the sun and sited away from buildings in a position approved by SABIC’s appointed representative.

### 8.15 Lifting (lifting activities and lifting equipment)

See Basic Site Rules, chapter SR 5.4.4. and Best Practice “5. Lifting activities”.

Lifting vehicles and lifting equipment belonging to the Contractors must be provided with a control system relating to essential data of lifting vehicles and lifting equipment (which as a minimum is based on the regulatory requirements). (OMS 316.06)

This relates to:

- a) lifting equipment above the hook: cranes and crane parts and fixed lifting position;
- b) lifting equipment beneath the hook: lifting equipment, synthetic sling bands, chain.

### 8.16 IBL hose connections

If hose connections are used for nitrogen, compressed air and breathing air, only couplings which have been specified for the relevant product may be used.

The Contractor is not permitted to connect hoses to the SABIC installation themselves. The Contractor may connect compressed air to their equipment, while the remaining utilities are connected by SABIC Operations.

### 8.17 Electrical connection “GROUNDING” for welding operations

For welding operations, the “grounding” to the work piece must be as close as possible to the welding position so that no passage of electricity can take place via accessories and equipment.