



## SUPPLEMENTARY EHS CONDITIONS OF CONTRACT

July 2011

### **SUPPLEMENTARY EHS CONDITIONS OF CONTRACT FOR WORK ON SABIC SITES in Europe**

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## 1 INTRODUCTION

These supplementary EHS conditions for work on SABIC <...> Sites (hereinafter referred to as Supplementary Conditions) specifically relate to work carried out on the premises of SABIC <.....> and its associated companies.

In these Supplementary EHS Conditions the terms “SABIC”, “Buyer”, “Seller”, “Hirer”, “Owner”, “Employer”, “Contractor”, “Engineer”, “Contract”, “Site”, “Engineering Services” and “Works” shall have the same meaning as assigned to them in the General Conditions of Contract to which these Conditions are referred to from time to time as Supplementary. Where such terms are not defined in the said General Conditions of Contract they shall have the meanings as assigned to them in enquiry documentation. The term “SABIC <...> Site” shall mean the premises of the Employer within which the Site is situated and shall include the Site.

These Supplementary EHS Conditions describe general working arrangements and rules that the Contractor and its employees are required to comply with while resident on the SABIC <...> Site. In addition to these Supplementary EHS Conditions, any SABIC <...> “works rules” for the SABIC <...> Site, which exist, will also apply to both the Contractor and its employees under the Contract.

Sight of the SABIC <...> works rules applicable to the SABIC <...> Site can be arranged via SABIC’s appointed representative. The Contractor is responsible for ensuring that its employees comply with any such works rules.

The Contractor during the pre-tender stage shall ascertain the effect upon its proposals of these Supplementary EHS Conditions and make due allowance within the tender. The provision of detailed information with respect to the SABIC <...> Site will normally be provided by SABIC’s appointed representative at a pre-tender meeting or during a visit to the SABIC <...> Site by the Contractor. In the absence of such a meeting or visit it is the responsibility of the Contractor to seek the information in accordance with the requirements of the Supplementary EHS Conditions.

These Supplementary EHS Conditions apply in addition to the General Conditions of Contract and in no way relieve the Contractor of any liability imposed by the General Conditions of Contract or of any legal obligations or of its duty to comply with the requirements of local authorities and/or the provisions of current regulations.

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In this document SABIC's Site shall include land belonging to other companies such as the <...> owned land at <...> Site.

## **2 GENERAL WORKING ARRANGEMENTS FOR SABIC <...> SITE**

### **2.1 Hours of Work**

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 Passes**

The Contractor's employees shall conform to the working arrangements for security and the use of passes applicable to the SABIC <...> Site.

The Contractor shall ascertain from SABIC's appointed representative what security arrangements are applicable and what passes are required for entry of employees and vehicles to the SABIC <...> Site.

The Contractor shall at all times keep SABIC's appointed representative informed of the names of all its employees working on the Site.

### **2.3 Entrance to SABIC <...> site and Rights of Search**

Contractor's employees shall enter or leave the SABIC <...> Site only by a route authorised by SABIC's appointed representative. When required by a person authorised by the Employer, the Contractor's employees shall produce their SABIC <...> Site pass. The SABIC <...> Site security personnel or other security personnel authorised by SABIC <...> or the Landowner shall have authority to search any person, vehicle, locker, bag, basket, parcel or other container on the SABIC <...> Site.

### **2.4 Safety Equipment (Personal Protective Equipment)**

#### **2.4.1 General**

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The Contractor shall ascertain and comply with all aspects of statutory legislation, Site instructions and the provisions and use of safety equipment, including but not limited to the following:

- Safety helmets,
- Suitable safety footwear with toe protection,
- Safety glasses ,
- flame resistant clothing (as further described in 2.4.2 below) ,

which shall be worn by all personnel employed (or subcontracted) by the Contractor when present on SABIC <...> Sites unless local instructions or signs indicate otherwise.

#### 2.4.2 MANDATORY FLAME RESISTANT & ANTI STATIC CLOTHING POLICY

All employees, contractors, vendors and visitors entering SABIC Plant Areas shall abide by the mandatory flame resistant & anti static clothing requirements; full compliance and responsibility details shall be obtained from the Employer's Representative if required.

'Nomex' is the preferred flame resistant clothing used by SABIC <...> but other manufacturers clothing meeting flame retardant specification EN-11612 and meeting anti static specification EN-1149 is acceptable.

All flame retardant clothing shall be unmodified and maintained in good condition

The mandatory clothing standard for flame resistant clothing shall be either –

- (a) Full length coveralls (overalls)
- (b) Short jacket and trousers
- (c) Labs style coat and trousers

Disposable coveralls, chemical suits, cold/wet weather coats etc. may be worn over the flame resistant / anti static clothing where requirements dictate.

Based on a contractor Risk Inventory & Evaluation approved by SABIC exemptions for e.g. welders, etc. can be defined.

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Subject to assessment against the criteria identified, the following exemptions/dispensations may be applicable subject to authorisation by SABIC's appointed representative.

Plant Major Overhauls- when hydrocarbon free status achieved. -

Ships Crews – during loading/unloading due to short time spent on SABIC <...> land

Delivery Drivers – when dropping equipment items off on plant/stores areas etc.

<...> Service Staff and Contractors - when passing through our land to gain access to service trenches, the tunnel areas etc.

#### 2.4.3 Additional Protective Clothing

Certain areas of the SABIC <...> Site and specific tasks require the use of additional protective clothing measures. The Contractor shall ascertain from SABIC's appointed representative the levels of additional protection applicable and shall conform to the requirements defined by SABIC's appointed representative, and also where required by safety signs on the SABIC <...> Site.

#### 2.4.4 SABIC Supplied Protective Clothing

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 Vehicular Traffic and Drivers

The Contractor shall ascertain from SABIC's appointed representative which types of road vehicles, if any, including the means of propulsion of such vehicles are allowed on the SABIC <...> Site, and any restrictions on access and local rules applicable to their use. For the avoidance of doubt vehicles include cars, vans, trucks, cranes, tractors, forklift trucks and any other powered vehicle.

Petrol powered vehicles are not allowed inside the fenced and barriered plant areas under any circumstances except by prior approval / work permit and verification according to the permit.

Whilst on the SABIC <...> site, vehicles shall:

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- Be parked and secured in areas provided
- Not be left unattended on roads for longer periods
- Be in a sound condition, examined and well maintained
- Be certified where necessary by an appropriate authority
- Comply with all legal requirements for the stated use whilst on the SABIC <...> Site and on any private roads leading to the SABIC <...> Site

Drivers of vehicles shall:

- Observe the road traffic laws (e.g. Highway Code)
- Observe SABIC <...> Site and access road traffic regulations and speed limits, failures to adhere to such regulation may result in penalties, leading to the banning of drivers from driving on SABIC's site
- be competent in the use of the vehicle of which they are in control and medically fit to drive
- hold a current valid licence covering the vehicle of which they are in control
- observe instructions with regard to rail traffic
- adhere to any routes specified by SABIC's appointed representative.

The Contractor shall when operating vehicles on the SABIC <...> Site, or the private roads leading to the SABIC <...> Site:

- Provide service and examination records of vehicles operated by the Contractor upon the request of personnel authorised by SABIC <...>.
- Ensure that vehicles operated by it are free of excess dirt on the wheels or tracks and that the loads are secure.
- Not obstruct roads or areas required for access without the written authority of SABIC's appointed representative.
- Clean any roads fouled due to its operations at its own expense.

Particular rules will apply to the movement of heavy vehicles, cranes or abnormal loads on the SABIC <...> Site and the private roads leading to the SABIC <...> Site. The Contractor and SABIC's appointed representative shall agree arrangements for such movements at the earliest opportunity.

## 2.6 Employer's Buildings and Property

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The Contractor's employees shall not interfere with any property of the Employer or the property of any other contractor contracted to the Employer, or 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**

Contractors shall not bring visitors on to the SABIC <...> site without prior permission of SABIC's appointed representative and in all cases shall follow the SABIC site visitors' procedures.

**2.9 Photographs / Filming**

Cameras shall not be taken into the SABIC <...> Site nor any photographs / film taken of any property of the Employer or part thereof, without SABIC's appointed representative's prior consent in writing.

**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 Equipment**

Radio equipment shall not be operated on the SABIC <...> Site without the written permission of SABIC's appointed representative.

Mobile phones are not allowed to be taken into the plant area's. While driving a car ensure to comply with the applicable legislation and additional local applicable rules (e.g. hands free or even no use).

**2.12 Alcohol / Drugs**

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Alcohol and drugs are prohibited to enter and use on the SABIC <...> Site.

**2.13 Explosives**

The Contractor shall not bring any explosives on to the SABIC <...> Site without the written permission of SABIC's appointed representative.

**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 Appliances**

Contractor's employees shall not take personal electrical appliances such as torches, transistor radios or hearing aids into the SABIC plant area's without the permission of SABIC's appointed representative.

**2.17 Smoking Areas & Means of Ignition**

The possession of any means of ignition is prohibited inside SABIC <...> plant areas, Smoking is not allowed except in specifically designated shelters situated external to all plant areas. The Contractor shall ascertain from the Employer any areas where smoking is allowed and shall conform to the Employer's requirements at all times.

**2.18 Fires**

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

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### **3 HEALTH SAFETY AND WELFARE**

#### **3.1 Safety Policies**

In addition to the safety requirements described in the General Conditions of Contract, special attention is drawn to the need for the Contractor to have clearly defined safe systems of working for their activities on the SABIC <...> Site and active control of these systems. The Contractor shall submit its current safety policy for approval to SABIC's appointed representative prior to the start of any new contract. The systems for control shall then be agreed with SABIC's appointed representative prior to commencing work.

The Contractor shall ensure that its work force complies with both the Contractor's own safety policy and with the conditions laid down in the Contract.

#### **3.2 Safety Inspections**

The Contractor shall co-operate with SABIC's appointed representative during safety inspections involving the Employer's management and visiting Safety Officers.

#### **3.3 Behavioural Safety**

At the request of SABIC's appointed representative the Contractor shall participate in SABIC's Behavioural Safety Programme

#### **3.4 SHE Induction and Permit to Work Arrangements**

The Contractor shall ascertain what induction, training and permit to work arrangements are applicable to the Works by reference to SABIC's appointed representative and shall conform to the same. For clarity on key requirements

- All contractors undertaking work on SABIC sites will require a full SABIC SHE Induction unless the work is urgent / short duration (less than one day) and the person is accompanied at all times by a SABIC appointed guardian.
- All visitors must undertake the SABIC visitors induction where applicable and be accompanied at all times by a Sabic appointed person when on site.
- All contractors undertaking works on site will require a SABIC Work Control Permit

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The Contractor shall note that the induction, training and permission to work arrangements will be unique to the SABIC <...> Site and may be specific to one area of the SABIC <...> site.

### **3.5 Safety Passport Scheme**

Compliance with the Client Contractor National Safety Passport Scheme or EMSS (Employee Minimum Safety Standards related to the work to be executed) is a requirement of entry and a Site SHE induction and access pass will be refused to the Contractor in the event of any non-compliance. For further information on requirements at the time of entry to the site contact the Employers Representative.

The Employer will provide free of charge SHE induction training for the site as a whole, including requirements for individual plants and general site SHE procedures. The Contractor shall allow for the time spent at all this SHE induction training by his personnel within the items contained in the Schedule of Rates.

### **3.6 Welfare Facilities**

Unless specifically agreed to the contrary and recorded in the Contract the Contractor shall be responsible for the provision of its own welfare facilities which it shall keep clean and tidy to the satisfaction of SABIC's appointed representative.

These facilities shall conform to current statutory regulations and the Employer's standards. (See Clause 7.1)

### **3.7 Provision of Safety Equipment**

The Contractor shall provide its employees with and train them in the use of the appropriate safety equipment necessary to complete the Works. The Contractor shall further make arrangements to maintain safety equipment in good condition, and to guard against its misuse.

All safety equipment shall conform at all times to current regulations and standards.

### **3.8 Accident and Dangerous Occurrence Reporting**

The Contractor shall immediately inform SABIC's appointed representative of any injury, incident or dangerous occurrence on the SABIC <...> Site involving its employees, and shall

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cooperate with the Employer in any enquiry or other action taken to prevent a recurrence of the event.

### **3.9 Safety Training**

The Contractor will ensure that its employees are suitably trained and fit for the work being undertaken. The Contractors shall hold regular Safety ‘Toolbox Talks with their employees (ensure participation in SABIC’s LMRA (Last Minute Risk Assessment) at least daily per job, organize weekly SHE meeting) and include any additional safety information as provided by the employer on a periodic basis.

### **3.10 Safety Records**

Regulations require the Contractor to keep certain records relating to inspections, the safety of working, scaffolding and to appoint competent persons, safety supervisors, etc. Such records shall upon request be made available for inspection by SABIC’s appointed representative.

### **3.11 Hazardous Substances**

No hazardous substances or chemicals shall be brought onto the SABIC <...> Site without the permission of SABIC’s appointed representative.

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

### **3.12 Emergency Procedures**

The Contractor will be provided with information on the emergency procedures for the SABIC site he is working on from SABIC’s appointed representative.

The Contractor’s employees shall conform to the emergency procedures at all times including any information as captured in local safety signage including information provided through messages on plant areas.

The Contractor shall ensure that its employees know how to raise the ambulance, fire and rescue services on the SABIC <...> site and be able direct it to the scene of any incident.

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The SABIC <...> Sites will have emergency services available; however, the Contractor shall understand that such emergency services are provided as a back-up to the Contractor's own arrangements. The Contractor shall ascertain the extent to which the Employer's emergency services may be provided by reference to SABIC's appointed representative.

The Contractor shall make provision for first aid for its employees in accordance with current regulations. Untrained persons shall not be allowed to attempt rescue or other emergency response.

### **3.13 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 SABIC <...> sites for which he has been granted management control. This will, include the provision of any required fire fighting equipment.

### **3.14 Safety Notices**

The Contractor shall ensure that its employees are familiar with and comply with SABIC's housestyle safety notices.

### **3.15 Safety Representative**

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

## **4 PERMITS TO WORK**

### **4.1 Permission to Work**

After receiving general written permission to proceed with the Works, no activity may be undertaken without first ascertaining from SABIC's appointed representative if a work control permit is required. Unless otherwise agreed by SABIC's appointed representative formal SABIC Work Control Permits are required for all contractor work so if in any doubt the Contractor shall not proceed with any work without such an applicable permit

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The Contractor shall ascertain from SABIC's appointed representative what SABIC SHE procedures apply with regard to work control permits and shall conform to the procedures at all times.

In addition to a work control permit for all works, other additional permits may be required to cover activities such as breaking into ground (e.g. excavations), access onto roofs, burning, welding or grinding, entry into confined spaces, breaking into live lines, use of powered equipment including mobile plant, vehicle access and for work on live systems . The Contractor shall not undertake such activities without ensuring that they have the relevant permits from SABIC appointed representative.

Information on SABIC Permit Systems is provided as part of SABIC SHE Induction requirements prior to entry

## **5 EMPLOYMENT MATTERS**

### **5.1 Competence to Work**

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

### **5.2 Fitness for Work**

All Contractors' employees on the SABIC <...> site shall be fit for work. If a Contractor's employee is considered to be unfit for work by SABIC's appointed representative the Contractor shall remove the said employee from the SABIC <...> Site and no liability shall attach to the Employer.

The Contractor shall operate a policy for drug and alcohol abuse.

PLEASE NOTE – SABIC will require mandatory drug and alcohol testing of any contractor employee involved in a serious safety incident on a SABIC site.

### **5.3 Infectious or Contagious Disease**

The Contractor shall inform SABIC's appointed representative of any Contractor's employee on the SABIC <...> site or who has been on the SABIC <...> site who is suffering from, or has been in contact with any infectious or contagious disease; such an employee may only return to

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work with the approval of the Contractor and the Employer certificate of good health from a medical practitioner.

#### **5.4 Employment of Others' Employees**

The Contractor shall not:

- (a) employ any person on or in connection with the Works who at the time is an employee of the Employer;.

#### **5.5 Trade Union Matters**

Prior permission shall be obtained from SABIC's appointed representative for visits of trade union officials to the Contractor's employees on the SABIC <...> Site.

Contractor's employees shall not hold meetings in this respect on the SABIC <...> site without the prior permission of the Contractor and SABIC's appointed representative

#### **5.6 Behaviour on the SABIC <...> Site**

Whilst on the SABIC <...> Site, Contractor's employees shall behave in a responsible manner and not indulge in actions that could endanger themselves or others.

The Contractor's employees shall not conduct any form of business or work on the SABIC <...> Site other than that associated with contracted work for the Employer.

The Contractor's employees shall not initiate or participate in collections, other than those within the Contractor's employee group.

Contractor's employees shall not bring any intoxicating liquor or drugs onto the SABIC <...> Site, or accept them from any person upon the SABIC <...> Site.

Contractor's employees shall not make or take bets, or engage in any other form of gambling while on the SABIC <...> Site.

#### **5.7 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.

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**6 ADMINISTRATION**

**6.1 Material Delivery**

The Contractor shall ascertain from SABIC’s appointed representative, the arrangements for the delivery of materials.

**7 SITE ESTABLISHMENT AND HOUSEKEEPING**

**7.1 Temporary Buildings**

The Contractor shall not erect any huts, offices or temporary buildings upon the SABIC <...> Site without first obtaining permission from SABIC’s appointed representative

All Contractors’ temporary buildings shall comply in all respects to the particular requirements for the SABIC <...> Site as well as regulatory requirements.

**7.2 Disposal of Waste & Recycling**

The Contractor shall ascertain from SABIC’s appointed representative to what extent the Contractor shall be responsible for at its own cost for the safe collection, containment and disposal of all waste from its work areas, offices, huts and workshops.

The contractor will be expected to have disposal / recycling arrangements in place consistent with SABIC and regulatory requirements

The Contractor shall maintain a high standard of tidiness and cleanliness at all times in those areas and/or buildings in which it is working or has access to.

All wastes and recyclable materials shall be removed to defined temporary storage areas by agreement with the SABIC representative; fly tipping or burning of any wastes on SABIC sites is strictly forbidden.

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The disposal of all wastes (including hazardous wastes such as asbestos) shall be carried out in accordance with SABIC Site procedures as well as all relevant statutory and local authority regulations. Typically all waste disposals from SABIC sites will require the formal approval and permission of SABIC before consignment. All waste disposal procedures operated by Contractors on SABIC sites shall be subject to prior agreement from SABIC's appointed representative.

## **8 REQUIREMENTS FOR SPECIFIC ACTIVITIES AND PLANT**

### **8.1 Specifications and Forms**

The following Employer's specifications shall apply if appropriate and be complied with by the Contractor:-

Return of Contractor Labour term sheets including name and hours of work

Provide evidence of compliance to:

- Installed Contractors Health and Welfare Facilities requirements;
- Contractor's Temporary Electrical Installations and Use requirements;
- Movement of Contractor's Heavy Mobile Cranes, Heavy Vehicles and Abnormal Loads requirements.

Accident Reporting Required from Contractors on SABIC <...> Sites

Copies are available from SABIC's appointed representative on request.

### **8.2 Work Adjacent to Employer's Property**

When a Contractor is required to work close to any Employer's property such as equipment, a pipeline or a cable, the Contractor should ascertain by reference to SABIC's appointed representative, what precautions need to be taken to protect its work and Employer's such property from interaction.

### **8.3 Electrical Installations and Equipment**

Electrical installations and equipment used by the Contractor shall be in accordance with the requirements of the SABIC <...> Site Rules and Procedures. The Contractor shall ascertain

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from SABIC's appointed representative what standards are applicable prior to bringing any equipment onto site and shall comply with the same at all times.

#### **8.4 Entry into Vessels/Confined Spaces**

SABIC have strict rules on confined spaces entry and have definitions of a confined space which may not be immediately obvious to all. No vessel, tank, manhole, drain, pit, pipeline culvert, vessel skirt or other confined space shall be entered by a Contractor's employee without the written consent of SABIC's appointed representative, who will define the conditions of entry.

PLEASE NOTE – the SABIC definition of entry into a confined space includes head and shoulder 'look 'entries.

#### **8.5 Ionising Regulations**

No radioactive substance or X-ray equipment shall be brought on to the SABIC <...> Site until written permission and instructions regarding the use of such materials have been obtained from SABIC's appointed representative. The Contractor shall have specific procedures for handling ionising radiations, which will include the names of its radiation protection supervisors and radiation protection advisor.

#### **8.6 Breaking Ground/Excavations**

No excavation or driving of post or piles shall be started without the written permission of SABIC's appointed representative who will inform the Contractor of the position of any known buried pipes or cables. The Contractor shall obey any special precautions such as hand digging which SABIC's appointed representative may require as part of SABIC permits for the works.

Some excavations of a certain depth size and shape may require controlled entry under SABIC confined space rules, if in doubt consult your SABIC representative.

#### **8.7 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.

#### **8.8 Work on Roofs**

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The Contractor shall not have right of access to any existing roof without the consent of SABIC's appointed representative and then only under the conditions laid down by SABIC's appointed representative following SABIC site procedures

### **8.9 Access and Scaffolding**

The Contractor shall ensure that safe access and egress exists for all of his site work.

On SABIC <...> Site the Contractor should ascertain from SABIC's appointed representative whether or not any restrictions are applicable to its work (e.g. use of aluminium alloy or other systems).

Erection of scaffolding must follow regulatory standards and SABIC rules for safe erection and working at height.

Statutory records of scaffolding inspections shall be held on the SABIC <...> Site.

Work at Height on SABIC sites follows a strict protocol with use of permanent or temporary work platforms being the first principle.

PLEASE NOTE - Work from unrestricted/unrestrained ladders is not allowed on site

### **8.10 Barriers**

Barriers shall be in accordance with the requirements of the SABIC <...> Site rules and procedures. When barriers are required to protect the Employer's personnel, property or thoroughfares from vehicles, the Contractor when providing such barriers, shall ensure that they are adequate for the purpose, shall provide lighting and policing if necessary, and shall maintain such barriers and lighting in good order. Barriers should bear a notice stating their purpose.

Any barriers required to protect personnel from falls into created opening at grade level or above shall follow SABIC Site rules, the creation of an opening including the erection of the barriers is subject to SABIC permit approvals prior to the creation of any opening, if in doubt consult your SABIC representative.

PLEASE NOTE – All barriers erected to prevent falls of people must be physical solid frames and be so constructed as to be capable of taking the weight of someone falling against it.

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**8.11 Overhead Cranes**

Where a Contractor is required to work on or near overhead cranes or their tracks, it shall not start that work until it has received the written permission of SABIC's appointed representative.

**8.12 Law / regulations**

Before starting any construction or demolition work which is notifiable work to regulators, the Contractor shall inform SABIC's appointed representative to agree who will be appointed into the relevant roles for this work.

**8.13 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.

**8.14 Hot Work**

Before commencing any burning, welding or work involving extreme heat or naked flames, the Contractor shall ascertain whether or not any restrictions on hot working apply and whether or not any permits are required from SABIC's appointed representative. When carrying out such work the Contractor shall comply with all defined controls and restrictions identified within the permits.

**8.15 Hazardous Materials**

No hazardous materials shall be brought on to the SABIC <...> site without first informing SABIC's appointed representative in advance of the intention and having an agreed procedure for safe handling and storage of the materials.

**8.16 Fibre Ropes**

Only officially certified fibre ropes in good condition are allowed for hoisting.

**8.17 Welding/Burning Equipment**

Approved flash-back arrestors to the appropriate (BS/EN) Specification shall be fitted to all gas welding and burning apparatus.

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For all hotwork the Contractor shall provide appropriate fire extinguishers as required by relevant permits to work. Fire blanket materials required for tenting and screening of hotwork tasks shall meet the SABIC Site standards, if in doubt consult with your SABIC representative.

In order to minimise stray currents, weld return leads shall be connected as close as possible to the weld point. Plant or equipment shall not be used for return circuits without the written permission of SABIC's appointed representative.

**8.18 Bottled Gas**

Gas cylinders in use in workshops or plant environments should normally be kept in 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.

**8.19 Lifting**

No lifting shall be carried out using existing structures not designated by the Employer as suitable for the purpose, or any plant pipework or equipment. The Contractor shall ensure that all lifting equipment for which the Contractor is responsible complies with all relevant (British or EN) Standards and are correctly used and maintained (e.g. BS 7121 "Code of practice for safe use of cranes").

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