

Taminco BV Purchase Clauses

Safety clauses with orders.

This document lists the safety clauses associated with orders from TAMINCO BV.

The first pages of general terms and conditions always apply to work equipment, personal and collective protective equipment, and to work with third parties.

The purchase order (PO) may refer to specific clauses. On the following pages you will find the text of these specific clauses. If specific clauses or conditions have been set, the supplier/contractor must confirm that they will comply with these clauses / conditions via the 'Safety and hygiene' certificate (Clause 1).

Note: this document has been translated from Dutch to English and contains some specific (legal) references. In case of doubt about terminology, please contact your contact at Eastman.

v.1 – 29/04/2025

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GENERAL TECHNICAL REQUIREMENTS FOR THE SAFETY of DESIGN AND CONSTRUCTION OF INSTALLATIONS, MACHINES, MECHANIZED TOOLS, AS WELL AS COLLECTIVE AND PERSONAL PROTECTIVE EQUIPMENT

The design and construction of installations, machines, mechanized tools, shall comply with the laws, decrees and agreements in force in Belgium, on the date of the order, in particular:

- the provisions of the **General Regulations for the Protection of Labour**
- the CODEX on well-being at work
- the General Regulations on Electrical Installations (AREI)
- the laws in force and regulations on safety and hygiene
- Work equipment (machines, equipment, tools and installations) must comply with the provisions of the acts adopted pursuant to the applicable Community directives. Where these provisions do not apply or are only partially applicable, the work equipment must comply with Annex IV.2-2 General Minimum Requirements of the Codex on well-being at work. Instructions for use must be drawn up and supplied in the Dutch language, as well as in the original language. At our request, the risk analysis carried out by you must be submitted.
- Legislation relating to work and the environment
- Upon delivery (i.e. when the invoice for payment is sent), the supplier provides the client with a document (see clause 1), in which compliance with the above-mentioned requirements regarding safety and hygiene, and the additional conditions, is justified.
- Without this document, acceptance and payment will not be possible.
- In addition to the conditions of safety and hygiene, not necessarily imposed by the laws and regulations in force on safety and hygiene, but indispensable to achieve the objective set by the dynamic risk management system referred to in Article 3 of the Royal Decree of 27 March 1998 on the policy of well-being of employees in the performance of their work, the following additional conditions are imposed (to be attested via document clause 1):
 1. Specific working conditions :
 2. Existing risks :
 3. Risks which may be added by the use of the work equipment in question :
 4. Specific standards :
 5. Specific application conditions (only for machines intended to be installed) :
 6. The clauses specified in the order form are an integral part of this order.

F. Anno

Prevention advisor

Remark : The delivery of the requested documents and plans is an integral part of our order and is linked to the reception of the device for the payment of the invoice.

GENERAL TERMS AND CONDITIONS FOR WORKING WITH THIRD PARTIES

1) The document "**Safety and working conditions in connection with work carried out by contractors**" – referred to in the order, hereinafter referred to as safety regulations, contains the necessary information regarding the risks and measures regarding the well-being of the employees in the performance of their work, possibly supplemented by the additional safety information and clauses specific to the Eastman site listed below.

The contractor **confirms** that he has taken note of this and undertakes to comply with the obligations regarding the well-being of the employees in the performance of their work, as set out in the safety regulations. When subcontractors/subcontractors are used, the contractor must be able to demonstrate that the subcontractors have signed a letter of intent, in which the subcontractor confirms that they are aware of the conditions and will follow them.

Eastman may change the safety regulations at any time and will immediately notify the contractor of any change.

2) If the contractor does not comply with his obligations referred to in (1), Eastman may, in certain cases, take the necessary measures himself at the expense of the contractor without prior notice of default. The contractor undertakes to conclude the same agreement with any subcontractors (see Article 9§2 of the Welfare Act of 04.08.96 - Belgian Official Gazette 19.09.96). Eastman will **invoice the costs incurred in this context to the contractor**, who will pay the invoices within 8 days of receipt.

3) Additional work

Subject to specific agreements with your Eastman Gent North contact person, the contractor will keep a list of all agreements about modifications and/or additional work. This list also includes the extra hours worked for approval (at least weekly) by the Eastman Gent North contact person.

All hours worked that fall outside the normal management rate (night, weekend work, etc.) must be validated and approved by the site manager/contact person Eastman Gent North. This can be done by means of the work vouchers (3-fold) specific to Eastman Gent North. Waiting hours arising from the above or other restrictions must be submitted daily for approval to the site manager/contact person Eastman Gent North.

4) As specified in the "Safety and working conditions for works carried out by third parties", p. 2 paragraph 2.3, the contractor must be adequately insured for any damage caused to Eastman by acts or omissions of its employees or employees of its subcontractor.

He must be **insured** for a minimum amount of 1,250,000 euros (material and physical damage mixed); for projects with an order value > 50,000 euros, the policy must be increased to 2,500,000 euros

5) Safety plan and toolbox meeting

The contractor always draws up a safety plan with regard to the work that he will carry out on Eastman's premises as part of this order.

The safety plan includes a risk analysis that includes the various risks specific to the work, as well as the measures that the contractor will take to control these risks. This safety plan must be in Eastman's possession two weeks before the start of the works.

At the start of the works, the contractor must organise a toolbox meeting for its employees and those of any subcontractors who will be employed on the Eastman site.

This toolbox meeting will at least deal with the hazards inherent to Eastman's installations, as well as the measures to control the risks.

The contractor shall make the **report of the toolbox meeting available to** the Eastman client, which shows that the contractor employees involved and, if applicable, the employees of the subcontractors have received the necessary safety information before the start of the work.

In the context of the coordination and cooperation for the company(ies) from outside (Welfare Act of 04.08.96 - B.S. 19.09.96), a coordinator is appointed. His name is mentioned in the heading of this clause.

He coordinates the activities and ensures the cooperation between the contractor and Eastman in the implementation of the measures concerning the well-being of the employees in the performance of their work. He will discuss the additional safety information **with you** during a preliminary work meeting.

6) Employees who are not covered by the Belgian social security system must be able to submit a **Limosa-1 certificate** on request .
For further explanation see www.limosa.be.

7) The contractor provides the necessary PPE and the agreed materials necessary for the execution of the works. Missing PPE and materials will be provided by Eastman Gent North if possible. The Contractor undertakes to bear the costs associated with this.

8) **The clauses specified in the order form** and the additional safety information listed below are an integral part of the safety regulations.

Additional safety information (supplement to the safety instructions) :

.....
.....
.....

CLAUSE 1: SAFETY AND HYGIENE CERTIFICATE

DOCUMENT TO BE RETURNED BY THE SUPPLIER TO :

TAMINCO LTD
For address see heading.

Company:

Order:

Imputation:

Order description:

Safety and Hygiene Requirements

(Art. IV.2-7. of Book IV - TITLE 2 of the CODEX, work equipment)
(CODEX, Book IX, Title 1 and 2 collective and personal protective equipment)

Undersigned.....

authorized representative of the above-mentioned company, hereby confirms that the goods delivered in execution of the above-mentioned order comply with:

1. The laws and regulations in force regarding safety and hygiene
2. The conditions attached to the order
3. The additional safety and hygiene requirements may be described in the order

Date.. / .. / ..

Signature

CLAUSE 3: SAFETY REQUIREMENTS FOR MACHINERY

The subject of the order must meet all the conditions regarding safety and hygiene, not necessarily imposed by the laws and regulations in force on safety and hygiene, but indispensable to achieve the objective set by the dynamic risk management system referred to in Article 3 of the Royal Decree of 27 March 1998 on the policy of well-being of employees in the performance of their work.

We assume that the above requirement is met if the machine(s) delivered comply with the specific regulations of the European Union, and in particular with all applicable European directives (or their transposition into the national legislation of one of the Member States of the European Union), such as (as the case may be): the Machinery Directive; the Low Voltage Directive; the Electromagnetic Compatibility Directive; ...

Machinery and interchangeable equipment shall bear the CE marking and be accompanied by the EC Declaration of Conformity referred to in Annex II, point A of the abovementioned Decision. In addition, the safety components shall be accompanied by the EC Declaration of Conformity referred to in Annex II, point C of the abovementioned Decision.

If, in the case of machinery intended to be incorporated into a machine, or to be assembled with other machinery into a single machine, that machinery is not covered by a declaration of conformity ("II.A") with the requirements of the Machinery Directive, but by a declaration of type II.B, this declaration will have to be supplemented by an explicit declaration of conformity with all applicable essential safety requirements of the Machinery Directive (possibly with the indication of the restrictions on use, instructions on the use of and the conditions under which the declaration applies).

For the machines delivered complete as well as for the machines intended to be installed, the manufacturer undertakes to keep a technical construction file (as provided for in the "Machinery Directive for complete machines") of which the relevant part will be submitted to us within a reasonable period of time, after a reasoned request from our side (for example, following safety defects identified by us).

If the manufacturer/supplier is unable to comply with the safety requirements set, or has great difficulty in complying with them, he undertakes to contact us before accepting the order.

CLAUSE 6: INSPECTION OF ELECTRICAL INSTALLATION Cfr. A.R.E.I.

The electrical equipment (installation) supplied must comply with the legal obligations of the A.R.E.I. (General Regulations for Electrical Installation) and with the European Standard EN 60.204.1 for the electrical equipment of machines.

In this context, we would like to draw your attention to the following points:

1. The delivery must be accompanied by the electrical diagram. This diagram must be complete and in accordance with the design and designations.
 2. The protective devices installed must be suitable for the expected breaking capacity. For devices with single-phase corded connections, at a maximum of 16 A and 220 V, the minimum breaking power is 10000 A. The protections must be adapted to the part or device to be protected (i.f.v. power or current). The use of tube fuses is not permitted.
 3. Only safe electrical equipment may be used. This means that the materials used must bear the CE marking + be built in accordance with a specified identifiable standard or have a quality mark (e.g.: VDE - CEBEC - KEMA - VGS - other...).
 4. The materials used must be assembled according to the rules of good workmanship. For example, connections, cable entries and connections can be realized according to the rules of good craftsmanship.
 5. The EN 60.204.1 color code of electrical conductivity should be followed. Grounding is always yellow/green. Yellow/green may not be used for any other application. Yellow and/or green conductors are prohibited except for very low safety voltage (even then preferably do not use). Intrinsic cabling should always be blue.
 6. The following device data must be present on the rating plate (or as data) :
 - either specified standard
 - or quality mark (which must be present on the identification plate or on the device in a sustainable way)
 - IP protection rating
 - connection voltage
 - power consumption
 - serial and type number.
- Further useful information is :
- short-circuit capability
 - Prior necessary safeguards.

The above list provides some special points of attention from the A.R.E.I. (General Regulations on Electrical Installations) and certainly does not exclude the other obligations.

Electrical installations at low or very low voltage must be subjected to a conformity test with the requirements of the A.R.E.I. before being put into service and must be carried out by an approved roadworthiness testing service. The required inspection will be carried out at EASTMAN's expense in accordance with our current annual contract with the approved technical inspection service.

Re-inspections due to deficiencies, errors or defects in the installation are at the expense of the contractor or supplier and must be carried out by the same approved technical inspection service.

CLAUSE 7: EXPLOSION PROOF MATERIAL (electrical and non-electric)

Equipment and protective systems for use in potentially explosive atmospheres, as well as safety, control and control devices intended for use outside potentially explosive atmospheres, but which are necessary for or contribute to the safe operation of potentially explosive atmospheres equipment and protective systems, shall comply with the provisions of

Directive 2014/34/EC on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres, in accordance with the group of equipment and category of equipment formulated in the order.

These appliances must be provided with a rating plate stating the name + address of the manufacturer, the CE marking, series or type designation, serial number, year of manufacture and indication of the appliance group and appliance category.

For group II appliances, the rating plate shall also indicate the code "D" or "G".

Upon delivery, an EC declaration of conformity and instructions for use in the Dutch language must be provided in accordance with the information stated in the directive.

In the case of components for incorporation into equipment and protective systems for use in potentially explosive atmospheres, a written declaration must be issued at the time of delivery stating that the components comply with the relevant provisions of the Directive.

Equipment means machinery, equipment, fixed or mobile devices, controls and instruments, as well as detection and prevention systems, which are intended, alone or in combination, for the purpose of production, transport, storage, measurement, regulation, energy conversion or raw material processing and which, by reason of their inherent potential sources of ignition, are capable of causing an explosion.

Devices which are not components of the apparatus described above are considered to be protective systems, which have the function of immediately stopping the incipient explosions and/or of limiting the area affected by an explosion and which are marketed separately as systems with an autonomous function.

Components are parts that are essential for the safe operation of the devices and security systems but do not have an autonomous function.

The electrical equipment used in potentially explosive atmospheres must be in accordance with the type of protection, gas group and temperature class specified in the order. (EEX.... code).

CLAUSE 8: HYDRAULIC EQUIPMENT: HOSES, COUPLINGS, ETC.

The goods delivered are accompanied by an identifiable certificate which confirms, among other things, the permitted workload and provides evidence that The aforementioned goods are built according to a code of good craftsmanship.

The installation must comply with the European regulations of the pressure equipment (PED Directive - 2014/68/EC) on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 10: WORK EQUIPMENT FOR LIFTING LOADS

This equipment must comply with the provisions of the acts taken in implementation of the Community directives applicable to this work equipment (2006/42/EC). This material must be supplied with CE mark and EC declaration of conformity.

The provisions included in the Codex must also be complied with: Book IV, Title IV Work equipment for hoisting or lifting loads.

The following points of attention are also required:

- On machinery for lifting loads, the nominal load must be clearly displayed and, where appropriate, the nominal load for each configuration of the machinery must be indicated on a plate.
- Lifting accessories must be marked in such a way that their essential characteristics for safe use can be identified.
- Where work equipment is not intended for lifting or hoisting workers and there is a possibility of confusion, appropriate signs must be displayed in a visible manner.
- A pre-employment inspection is carried out by an approved technical inspection service. An inspection report without violations/comments will be provided to us. In the case of periodic inspections, the Belgian inspection frequency must be followed.

CLAUSE 12: LADDERS

The ladder(s) must be of an industrial type and comply with the standards EN 131-1 to EN 131-7

The rungs must be made of a non-slip version and the
Styles can be provided with non-slip ladder shoes.

The stepladders are equipped with safety tapes or chains.

The above is provided by you with an identifiable certificate.

CLAUSE 14: CHEMICAL PRODUCTS

The completed "SAFETY DATA SHEET (MSDS)" concerning the properties of the substances or preparations ordered as well as the safety measures to be taken is part of the delivery. This safety data sheet is no more than 1 year old and in accordance with GHS. In addition, packaging or containers must be labelled with the necessary hazard labels in accordance with GHS (Regulation No 1272/2008/EC on classification, labelling and packaging of substances and mixtures).

Hazardous substances must also comply with Regulation No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Furthermore, hazardous substances must also be transported in accordance with the transport regulations (ADR, RID, etc.).

CLAUSE 16/17: PERSONAL PROTECTIVE EQUIPMENT (PPE)

* PPE must comply with the provisions of the acts transposing the Community Directives on the manufacture of PPE in terms of design and construction.

* They comply with the applicable European standards.

* All P.B.M.'s are provided with the CE marking and, if applicable, with their specific characteristics according to the standardized symbols.

CLAUSE 18: STEAM GENERATORS, STEAM BARREL HEAT EXCHANGERS

The steam appliances must be built in accordance with the Royal Decree of 18.10.91 and the M.D. of 28.10.91 (and subsequent modifications) concerning the steam appliances.

You must contact the approved technical inspection service to record the various inspections. Upon delivery, you must send a certificate (without comments or infringements) of this service.

The pressure equipment must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EU on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 19: PRESSURE VESSEL STORAGE - GASES

The pressure vessel must be built according to the specified code, and taking into account the medium as specified in the order. You must contact the approved technical inspection service to record the various inspections. Upon delivery, you must send a final report of all interventions carried out by the approved technical inspection service (without comments or infringements).

The pressure equipment must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EU on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive.
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

The construction of the storage tank must be monitored by a recognised environmental expert on the basis of the Decree of the Flemish Government containing general and sectoral provisions on environmental protection (Vlarem title II – section 5.17).

Any comments and/or violations (in connection with the construction of the storage tank or equipment) must be repaired and/or corrected by you.

The accredited environmental expert must unequivocally certify that the storage tank was built and examined in the workshop of too..... and is in accordance with the provisions of Vlarem Title II, section 5.17.....

CLAUSE 20: PRESSURE VESSELS-PRESSURE DEVICES-PRODUCTION

The pressure vessel must be built in accordance with the specified code and taking into account the medium specified in the order.

You should contact the approved roadworthiness testing service for the recording of the various inspections. Upon delivery, you must send a final report of all interventions carried out by the approved technical inspection service (without comments or infringements).

For towers and columns, an additional stability and wind calculation must be carried out.

The pressure equipment must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EC on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive.
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 21: HEAT EXCHANGERS NOT COVERED BY THE STEAM REGULATION

The heat exchanger must be built in accordance with the specified code and taking into account the medium specified in the order.

You must contact the approved technical inspection service to record the various inspections. Upon delivery, you must send a final report of all interventions carried out by the approved technical inspection service (without comments or infringements).

The pressure equipment must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EC on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 22: PIPELINES SUBJECT TO INSPECTION

The pipes must be built in accordance with the imposed inspection program, in accordance with engineering procedure: 13-005-04 Inspection of pipes, and taking into account the medium as specified in the order. You must contact the EASTMAN manager to record the various inspections.

The pipeline must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EC on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 23: TUBES

These parts can be supplied with an identifiable material certificate (3.1B) in accordance with NBN EN 10204.

CLAUSE 24: STORAGE TANKS - LIQUIDS

The storage tank must be built in accordance with the imposed code and taking into account the medium laid down in the order.

You must contact the approved technical inspection service to record the various inspections. Upon delivery, you must send a final report of all interventions carried out by the approved technical inspection service (without comments or infringements).

If the storage tank has a design pressure of more than 0.5 bar, it must comply with the European Pressure Equipment Regulations (PED). This is the European Directive 2014/68/EC on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive.
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

The construction of the storage tank must be monitored by a recognised environmental expert on the basis of the Decree of the Flemish Government containing general and sectoral provisions on environmental protection (Vlarem II – part 5, chapter 5.17).

Any comments and/or breaches (related to the construction of the storage tank or equipment) must be repaired and/or corrected by you.

The accredited environmental expert must unequivocally certify that the storage tank was built and examined in the workshop of too.... and is in accordance with the provisions of Vlarem II – part 5, chapter 5.17

CLAUSE 25: SAFETY INSTRUCTIONS FOR COMPRESSED AIR CONTAINERS

The compressed air vessel must comply with the following provisions (Reference VLAREM II):

1° the construction of the tank complies with a recognised code of good practice and is carried out by means of plates of good weldability firmly connected to each other;

2° the inspection of the construction is entrusted to an expert recognised in the discipline of pressurised equipment and installations;

3° the reservoir bears a plate on which the name of the constructor, the number of the reservoir, the year of manufacture, the maximum service pressure, the contents and the test pressure appears, number CE inspection organization;

4° the tank is equipped with the following devices, always kept in good working order:

- (a) one or more safety valves which operate at a pressure lower than or equal to the maximum operating pressure and which prevent the pressure in the tank from exceeding this maximum operating pressure by more than 10 %;
- (b) a manometer in a clearly visible position, the scale of which bears a clearly visible sign indicating the maximum service pressure;
- (c) a manostat which stops the compressor motor as soon as this pressure is reached;
- (d) a purgation valve;
- e) a peephole.

5° before the aircraft is put into service:

(a) the accredited environmental expert shall produce a report clearly showing that:

- the reservoir has successfully undergone a water pressure test in accordance with the provisions of the approved standard or code of good practice; however, the test pressure may in no case be less than 1.3 times the maximum duty pressure;
- the tank has been constructed in accordance with the approved standard or code of good practice and can be used safely under the intended conditions of use;
- the safety devices referred to in paragraph 4° are in perfect working order;

(b) the approved environmental expert shall stamp the letter E followed by the date of the water pressure test into the plate of the container and affix his stamp next to these indications.

The above-mentioned inspection report must be submitted to us without comments and/or infringements.

CLAUSE 27: SCAFFOLDING

The provisions of the Royal Decree of 31.08.2005 regarding the use of work equipment apply to work equipment for temporary work at height.

Specific provisions regarding the use of scaffolding are included in the Codex Title VI – Chap. II – Section V – Subsection IV.

You must confirm to us with a certificate that the scaffolding complies with the applicable standards:

- for working scaffolds made of prefabricated elements : NBN - HD 1000
- for mobile scaffolds made of prefabricated elements : NBN - HD 1004
- for steel pipes for support structures and service scaffolding: NBN - HD 1039
- for couplings, connecting pins and base plates for scaffolding and support structures: NBN - EN 74
- For any rack with a height of more than 8 m, you must confirm the reference of the standard and the calculation method in writing.
- Each scaffolding will be checked before entering by an authorized scaffolding inspector delegated by and at the expense of the scaffolding builder/contractor. A label must be attached stating "May be entered" + name of scaffolding inspector + inspection date in accordance with the requirements.

You must provide for the weekly re-inspection of the rack. With each re-inspection, the label "May be entered" must be adjusted (date + name of inspector).

CLAUSE 28: CRITICAL LIFTING

Hoisting work must at all times comply with the provisions included in Codex Book IV, Title 4: Work equipment for hoisting and lifting loads.

For the lifting work to be carried out, you must provide us with a lifting plan (two weeks before the start of the work), including a description of the crane set-up, the stop material used, the qualifications of the crane driver, the reports of the approved technical inspection services.

Eastman reserves the right to have this lifting plan checked in advance by an approved technical inspection service, as well as its correct execution on site before and during the lifting work.

Scope:

Hoisting is critical if ONE of the following characteristics is met:

- * Non-standard crane configuration: two or more hoists/cranes are used in combination
- * the load is greater than 75% of the safe working load (i.e. it decreases depending on the distance), i.e. the legally permitted crane capacity (note: not applicable for permanently installed devices or small mobile hoists)
- * the load is greater than 50 tons
- * the load weighs more than 10 tonnes and one of the following conditions apply
 - the load disappears completely from the crane operator's face during the lifting operation
 - under/next to the crane's support surfaces are underground pipes less than 1 m
 - crane parts are located near an excavation at a distance less than 2.5 times the depth of the excavation
- * the load weighs more than 1 ton, and is lifted above an installation/pipe rack that is in service and that contains toxic liquids/gases or flammable gases

CLAUSE 30: OVERFILL PROTECTION - STORAGE TANKS FOR HAZARDOUS SUBSTANCES

The overfill protection must be built in accordance with the code of good practice and suitable for the specified medium.

The overfill protection must be built in accordance with the provisions of Vlare II – part 5, chapter 5.17.

A certificate in which you declare that the overfill protection supplied is identical to the approved prototype (stating the approved environmental expert and the assigned prototype number) must be included.

CLAUSE 31: SAFETY and PRESSURISED FITTINGS

Safety and pressurized (>0.5 bar) fittings such as (non-exhaustive list):

- filters
- Frangible
- safety valves
- Valves
- Gauges
- Non-return valves
- pressure, temperature, level measurements
- pressure regulators
- Product piping

must comply with the European Pressure Equipment Regulations (PED) and be suitable for the specified medium, pressure and temperature.

The safety and pressure fittings must comply with the European Pressure Equipment Regulations (PED). This is the European Directive 2014/68/EU on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 32

Declaration of decontamination or presence of hazardous products *

Enclose the document with the sent device without error

1. Type of device sent for repair/maintenance

Brand and type of device (pump/valve/flow meters/density meters/....) :

Manufacturing number : Ref:

2. Description of the pumped product

Last chemicals in contact with the device before the flushing operation :

International name :

Is this product classified under **toxic, corrosive, harmful, irritating, flammable, explosive, oxidizing** ?

Tick one box : ☐ yes

☐ no

If you answered "yes" to the previous question, what is the ranking of the product?


☐

☐

☐

☐

☐

☐

☐


3. Necessity of decontamination

In view of the nature of the incoming liquid(s) in contact with the device mentioned in point 1 , a decontamination was carried out ☐ yes ☐ no

4. Explanation of decontamination. Cross only **one** of the boxes.

I, the undersigned, hereby declare that the device referred to in point 1:

☐ decontaminated according to the usage data, and therefore does not pose a danger to the environment and persons.

☐ does not require any decontamination or special precaution as the pumped product is not harmful.

Name:

Company:

Function:

Moment.:

Date:..../..../....

Signature:.....

CLAUSE 35: SAFETY VALVES

Each safety valve must be accompanied by an adjustment certificate, on delivery, specifying:

- * Valve manufacturer
- * model
- * serial number
- * adjustment pressure(s)
- * test date

The safety valve must comply with the European regulations of the pressure equipment (PED). This is the European Directive 2014/68/EC on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.

For this purpose, the pressure equipment is used:

- * be provided with a CE marking
- * be accompanied by a declaration of conformity with the Directive
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 36: CERTIFICATE

All certificates and/or instructions for use requested and legally required in the order are an integral part of the order. The payment of the invoice will be blocked as long as these documents are not in our possession. If the certificates are not delivered at the same time as the goods, they must state the Taminco order and item number.

CLAUSE 38: CONTRACTOR WORK IN THE EVENT OF DOWNTIME

During the shutdown, the "safety and working conditions in connection with work carried out by third parties at Eastman" apply in full.

The following additional conditions apply:

1. Contractor sends a delegation to all "Contractor meetings" organized by Eastman. Dates for these meetings will be communicated in time.
2. The Contractor provides a list of sub-contractors to be deployed, stating the type of activity and the work to be carried out, including administrative information (address details, contact details of the person responsible). Timing: at least 2 weeks before the start of the work and at the latest 2 weeks before the start of the shutdown.
3. Contractor provides an excel list with the names of all employees who will be deployed, including sub-contractor. The competencies and corresponding certificates will be listed for each employee. The planned period of attendance is also mentioned. In each case, the site manager is also mentioned. Timing: at least 2 weeks before the start of the work and at the latest 2 weeks before the start of the shutdown.
4. Subject to specific agreements with your Eastman contact person: Eastman provides electricity, compressed air, racking, taps, safety transformers, etc. The contractor provides details (what/when) of the facilities he needs. Timing: at least 4 weeks before the start of the work and at the latest 4 weeks before the start of the shutdown.
5. The contractor provides a proposal for the space he needs on the contractorplein + planned start and end date. Timing: at least 4 weeks before the start of the shutdown.
6. Every contractor-employee follows some activity before starting the work, a shutdown safety introduction and passes the safety test. Eastman provides stickers to stick on the helmets of all employees who are deployed during the shutdown. These stickers are provided by the contractor with the company name and the name of the person concerned.
7. The Contractor will provide at least one Dutch-speaking site manager continuously on-site during the entire period of the activities. The Contractor provides for the presence of a representative at all follow-up meetings. The contractor also provides for the presence of its prevention advisor on our site for 5% of the total time worked by its employees on the site.
8. The Contractor provides the necessary PPE and the agreed materials necessary for the execution of the work. Exceptionally, if possible, missing PPE and materials will be supplied by Eastman. The Contractor undertakes to bear the costs associated with this.
9. The Contractor undertakes to keep his work area neat and orderly with regard to the material he uses and dismantles. Every afternoon from 1.30 pm at the latest, a "clean-up moment" is inserted by the contractor until the work zone is free of all waste/rubbish. All waste is deposited by the contractor in the appropriate containers provided by Eastman.
10. Subject to specific agreements with your Eastman contact person: the contractor provides its own material storage for the safe storage of its own material or material supplied by Eastman, as soon as it is handed over to the contractor.

11. Working under suspended load or crane block must be avoided. This means that works may have to be stopped immediately to allow lifting of loads.
12. Waiting hours arising from the above or other restrictions must be submitted to the Eastman contact person for approval on a daily basis.
13. Checks will be carried out for following the Eastman rules. Shortcomings and violations are reported immediately to the contractor's manager; The name of the person concerned is mentioned. If a person commits a second violation, the contractor will inform Eastman in writing of measures taken to prevent it. In the event of a third violation, the employee is in principle expelled from the Eastman site. In case of violations of a life-critical procedure, one can be sent away immediately.
14. Subject to specific agreements with your Eastman contact person, the contractor keeps a checklist with all agreements about modifications or additional work. This list also includes the extra hours worked for approval (at least weekly) by the Eastman contact person.
15. Planning
Subject to specific agreements with your Eastman contact person, the contractor indicates the number of employees he will deploy per day two weeks before the start of the work.
For piping works, the contractor specifies how much prefab and field work is estimated for each iso. During the works, the percentage of prefab and field finished will be specified per iso on Mondays and Thursdays.
16. Safety training
Before contractor employees can start the work, they will follow a 2-hour safety training. This training can be followed on the first working day (from 8:00 to 10:00). Sessions will also be provided a few weeks before the start of the shutdown: at Eastman or at the contractor.
This training will be given in Dutch, but the presentation will also be available in French, English and German. Subsequently, a test (available in 4 languages) will be taken and the access badge will be issued if the result is 8 out of 10.
If he does not pass, the foreman is involved in providing additional training and a new test.
For non-native speakers, the contractor will provide someone who can translate when taking the test on the first working day.

A few weeks before the start of the shutdown, all foremen of the contractor companies involved will be invited for safety training and to communicate agreements valid during the shutdown.
The foremen will be provided with the presentation in the 4 available languages.
It is the responsibility of the contractor to translate this presentation into the other necessary languages.
17. When a contractor is involved in an incident or accident, the contractor provides a representative to cooperate in the investigation. Afterwards, the representative organizes a toolbox meeting for his employees/subcontractors in which the findings of the research are discussed and action points are assigned.
18. The works are demarcated if necessary; The contractor will use demarcation tape on which the name of his company is clearly printed with an indication of the start and end date of the demarcation. Every evening, those demarcations that are no longer necessary are removed.
19. The above rules do not affect any stricter rules agreed elsewhere.

CLAUSE 39: TRANSPORTABLE PRESSURE EQUIPMENT - GASES

The equipment must comply with the European regulations of transportable pressure equipment (TPED). The European Directive on this subject 2010/35/EU was transposed into Belgian law by the Royal Decree of 13/11/2011 (Belgian Official Gazette 18/11/2011).

For this purpose, the pressure equipment is used:

- * be provided with a CE marking **and a π CE marking**
- * be accompanied by a certificate of conformity in accordance with the Annexes to Directive 2008/68/EC
- * be accompanied by instructions for use in the Dutch language, insofar as this is necessary for the safe use and/or composition of this pressure equipment.

CLAUSE 40: STRUCTURAL COMPONENTS WITH LOAD-BEARING PROPERTIES -- BS EN 1090

All structural components with load-bearing properties must comply with the harmonized standard NEN-EN 1090.

The following standards apply:

- **BS EN 1090-1**

Structural parts made of steel and aluminium

Part 1: Requirements for determining the conformity of structural components

- **BS EN 1090-2**

Manufacturing of steel and aluminium structures

Part 2: Technical requirements for steel structures

- **BS EN 1090-3**

Manufacturing of steel and aluminium structures

Part 3: Technical requirements for aluminium structures

The manufacturer draws up a "CE declaration of conformity" according to the Construction Products Directive 89/106/EEC and according to NEN-EN1090-1.

The manufacturer affixes a CE marking to the structure.

This CE marking must be affixed visibly, legibly and indelibly, in the form described in Council Directive 93/68/EEC and Council Decision 93/465/EEC and in particular in accordance with the provisions of the relevant harmonised standard(s).