

REQUIREMENTS OF GRUPA  
AZOTY POLYOLEFINS S.A.  
(**GAPOLY**) FOR THE  
CLEANLINESS OF THE SILO  
TRUCK / PRESSURE  
CONTAINER FOR THE  
TRANSPORT OF  
POLYPROPYLENE

## APPENDIX NO 2 TO DESCRIPTION OF THE SUBJECT OF THE CONTRACT

### Table of Contents

1. INTRODUCTION. ....	3
2. LAST PRODUCT DECLARATION. ....	3
3. SPECIFICATION OF CLEANLINESS REQUIREMENTS FOR SILO-TRAILERS/PRESSURE CONTAINERS USED FOR THE TRANSPORT OF POLYPROPYLENE. ....	3
4. CLEANNESS STANDARD OF GRUPA AZOTY POLYOLEFINS S.A. (GAPOLY). ....	4
5. DOCUMENTATION.....	4
6. SUMMARY. ....	5

## APPENDIX NO 2 TO DESCRIPTION OF THE SUBJECT OF THE CONTRACT

### 1. INTRODUCTION.

When transporting polypropylene by silo-trailers or pressure containers, tank washing is an essential part of the supply chain. One of the main problems is potential cross-contamination from previous products. The silo-trailer/pressure container may contain residues from the previous product and will require cleaning prior to its next loading. In order to ensure the silo-trailer/pressure container is clean, dry, and odour free the cleaning program must address all of the likely and known contamination risk points.

The purpose of this document is to define requirements which will ensure that clean, dry, foreign odour-free Means of Transport are provided for loading at Grupa Azoty Polyolefins S.A.

Capitalized terms used herein and not otherwise defined below have the meanings set forth in the Agreement.

### 2. LAST PRODUCT DECLARATION.

A standard silo-trailer/pressure container cleaning is the cleaning of the last product transported in the tank, as declared to the cleaning station and recorded on the ECD. Before starting the cleaning process the cleaning station shall require from its Contractor to correctly declare the last product for each tank compartment that has to be cleaned (it is recommended to show proof of the last International /CMR/ or National Consignment Note). This product declaration is an important part of the contract and the basis for the cleaning station to undertake a safe and legal operation. The product as declared by the Contractor must be shown on the ECD, for each compartment of the tank. Any alterations to these products are considered falsification.

### 3. SPECIFICATION OF CLEANLINESS REQUIREMENTS FOR SILO-TRAILERS/PRESSURE CONTAINERS USED FOR THE TRANSPORT OF POLYPROPYLENE.

The cleaning specification can be categorised into 4 main areas:

- a) Inside the tank:  
Requirements: the inside of the tank is clean, dry and odour free;
  - b) Outside of the tank:  
Requirements: the outside of the tank, fill openings and discharge opening clean and closed, degassing valve clean, all 4 hoses and micro filter clean. The condition of the unloading hoses does not cause any contamination during the unloading of polypropylene;
  - c) Hoses and Hose boxes, air installation:  
Requirements: hoses cleaned inside and outside, hose box is cleaned and sealed;
  - d) Additional components and ancillaries:  
Requirements: clean toolbox, clean internal and external ancillaries and components having contact with the product (e.g., discharge curve, reduction parts, lock- and anti-return valves).
- In addition, when unloading a container with bulk polypropylene, a clean rotary feeder with accessories is required.

## APPENDIX NO 2 TO DESCRIPTION OF THE SUBJECT OF THE CONTRACT

### 4. CLEANLINESS STANDARD OF GRUPA AZOTY POLYOLEFINS S.A. (GAPOLY).

The standard of „cleanliness” according to GAPOLY is as follows: " The tank and any fixed or removable equipment used for loading or unloading shall be considered clean if they do not cause any contamination of the goods transported. ".

A silo-trailer/pressure container will be considered clean by Grupa Azoty Polyolefins S.A. if all elements have been cleaned and properly secured., i.e., inside and outside the tank, all hoses, valves, micro filter, hose box, all additional components and ancillaries and the condition of the unloading hoses will not cause contamination during the unloading of polypropylene.

### 5. DOCUMENTATION.

A widely used cleaning document and proof of correct cleaning of the silo-trailer/pressure container is the EFTCO European Cleaning Document ([www.eftco.org](http://www.eftco.org) ). The EFTCO Cleaning Document (ECD) is a supporting document for each individual silo-trailer/pressure container cleaning in the supply chain process. It is not a certificate, but proof of which cleaning steps have been carried out.

The use of ECD has significant advantages:

- the format and content make it easier for both drivers and loading points to understand the service provided by the washing station;
- the use of an unique numbering system provides security and authentication traceable against fraudulent misuse of the cleaning documents;
- multilingual EFTCO washing codes allow for easy identification of performed activities.

After cleaning, the tank cleaning station should provide a cleaning document ECD which identifies each of the EFTCO codes of components which have been cleaned. The current list of EFTCO codes can be found on the website <https://www.eftco.org/eftco-cleaning-document/eftco-codes>

This documentation will be provided by the Contractor to the loading site prior to loading. The ECD Document is then stored at the loading site for future audit purposes (if required). However, in case of contamination (investigations) the cleaning documentation will be made available for all parties involved.

The EFTCO Cleaning Document (ECD) should contain the following statement: **“Tank and ancillaries cleaned to the “Polymer industry cleaning specification” or „Tank and ancillaries cleaned to the „GAPOLY cleaning standard””**.

However, the responsibility for providing a clean Means of Transport remains as responsibility of the Contractor/Logistics Operator.

The ECD is available proof for the loading industry that the molecules of the last transported product have been washed out and safely disposed of at a legal cleaning station. Each ECD is a uniquely numbered document that can be tracked back to the point of origin providing security against falsification and fraud.

The ECD document is issued in 3 or 4 copies:

## APPENDIX NO 2 TO DESCRIPTION OF THE SUBJECT OF THE CONTRACT

- 1) white copy (original): for the next loading point (via driver);
  - 2) yellow copy: for the driver;
  - 3) blue copy: for the cleaning station (to be kept);
  - 4) green copy (optional): to be sent with the invoice to the Contractor/transport company.
- Example of ECD document:

EFTCO®		EFTCO Cleaning Document ©		CTC vzw - ASBL	
www.eftco.org		BE 6000001		Rue de l'Entrepôt S.A. B-1300 Drogenb.-Drogenb. ☎ 0032 2 425 96 00	
1					
2 Referentienr. Klient / Référence du client / Customer reference number*			3 Volgar. / N° de série / Serial number		
4 Klient / Client / Customer			5 Identificatienr. / N° d'identification / Identification numbers		
			Voertuig / Véhicule / Vehicle		
			Tank, Container, IBC / Citerne, Conteneur, GRV / Tank, Container		
6 Productaard / Nature du produit / Nature of product*			7 Volgende lading / Prochain chargement / Next Load*		
8 Laatste lading / Dernier Produit Transporté			9 Reinigingsprocedures / Procédures de lavage		
Comp. UN N°			EFTCO Code / Omschrijving / Description / Description*		
Comp. Naam / Nom / Name					
10 Aanvullende werkzaamheden / Prestations complémentaires / Additional Services					
11 Opmerkingen / Observations / Comments					
12 Naam reiniger / Nom du laveur / Name cleaner*			13 Date / Time In*		
			Date / Time Out		
Het tankreinigingsstation en de chauffeur bevestigen dat bovenvermelde diensten om de tank te reinigen werden uitgevoerd (zie EFTCO definitie van 'clean') / La station de lavage et le conducteur attestent que les moyens décrits ci-dessus ont effectivement été mis en oeuvre pour nettoyer la citerne (cf la définition EFTCO de 'proper') / The cleaning station and the driver confirm that the above services to clean the tank have been carried out (see EFTCO definition of 'clean').					
14 Tankreinigingsstation / la station de lavage / Cleaning Station			15 Chauffeur / Conducteur / Driver*		
Naam / Nom / Name			Naam / Nom / Name		
Handtekening / Signature / Signature			Handtekening / Signature / Signature		

## 6. SUMMARY.

Each silo-trailer/pressure container needs to be properly prepared prior to arrival for loading of bulk polypropylene. All components of the Means of Transport (tank inside and outside, all hoses, valves, micro filter, hose box and any ancillary equipment) must be properly washed/cleaned, dried and closed. The Means of Transport must be equipped with a micro filter and the condition of the unloading hoses does not cause any contamination during the unloading of polypropylene.

In addition, when unloading a container with bulk polypropylene, a clean rotary feeder with accessories is required.

## APPENDIX NO 2 TO DESCRIPTION OF THE SUBJECT OF THE CONTRACT

The haulier is obliged to present, prior to loading, an ECD that identifies by EFTCO codes each of the cleaned items. The EFTCO Cleaning Document (ECD) should contain the following statement: "Tank and ancillaries cleaned to the "Polymer industry cleaning specification" or „Tank and ancillaries cleaned to the „GAPOLY cleaning standard”".

GAPOLY may refuse loading if the formal requirements are not complied with or if, after inspection at the loading site, it is found that there are hazards which may result in contamination of the product to be loaded, e.g., residues of previously transported product, dirt, poor condition of unloading hoses or seals.

As part of its corporate social responsibility, GAPOLY will not load silo-trailers/pressure containers used to transport foodstuffs.