

BT-06

Ver 1.4b



Road transport:
complementary provisions





DOCUMENT HISTORY

| Version and approval date | Reason for revision | Revision scope | Ultimate application date |
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| 0.8 15/07/2011 | Clarification regarding the cleaning principles Clarification regarding the detergent Decision by the ICRT on the classification of different products in a cleaning regime | Adjustment point 3 Adjustments in French version only Addition the new classified products | 15/07/2011 |
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| | Clarification of requirements imposed on the controlling body | Point 5.1 | |
| | Clarification of requirements imposed on the laboratory | Point 5.2 | |
| | Loading category is replaced by cleaning regime | Point 6 | |
| 1.2 06/05/2014 | Addition of principle "new loading space" | Point 3 | 06/05/2014 |
| | Clarification regarding "new loading space" | Point 5 | |
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BT-06 : Road transport : complementary provisions

1. Preamble

Companies wishing to transport Feed Chain Alliance animal feed or 'by-products for reprocessing' by road, must call upon transport operators certified for Feed Chain Alliance.

This guide contains the cleaning regimes for products which have been assessed before being loaded with animal feed or 'by-products for reprocessing'.



Document 'AT-06: Road transport'

Document 'AT-06: Road Transport' provisions also contain provisions for road transport. It contains particularly the provisions for animal by-products and processed animal proteins, which are (see point 3) binding.

For the application of FCA, the provisions in document 'BT-06: Road Transport: complementary provisions' are binding.

2. Application scope

This document is applicable to transport operators, performing road transport of bulk FCA animal feed or 'by-products for reprocessing'.

3. Principles

A FCA transport operator should, prior to accepting a transport order, establish the loading category of the product. He must also perform an adapted cleaning regime, before proceeding with the transport of animal feed or 'by-products for reprocessing'.

For each transported product, a minimum cleaning regime has been established (see document AT-06 point 2 for the principles regarding these cleaning regimes).

The following basic principles are applicable:

- Prior to transport of animal feed or 'by-products for reprocessing', a visual inspection of the loading space should be performed: the loading space must be clean, empty, dry, and free of odors. For a new loading space (coming from the constructor and in which no transport has ever been performed) cleaning 'C' shall be applicable prior to a first use;
- The cleaning, established in the online ICRT database, must take place prior to transporting animal feed, in function of the previous load;
- The mandatory cleaning mentioned in the online database (www.icrt-idtf.com) is considered a minimum cleaning;
For example:
 - o if, following the execution a dry cleaning, some residues are left behind, a switch to water cleaning should be made;
 - o If, after performing a water cleaning, some residues are still left behind, a switch to a cleaning with (water and) cleaning agent should be made;
- The transport operator is free to apply a more strict cleaning regime if he wishes to do so;
- A disinfection of the loading space must always take place, even if the product requiring the use of a disinfectant does not immediately precede the transport of animal feed. The disinfection may be thus be performed either immediately after transport, or between

transport of this product and the subsequent transport of animal feed or 'by-products for reprocessing'. The loading space should be disinfected at the latest before transport of animal feed or 'by-products for reprocessing'; If the products are presented in a liquid, humid or moist form, or yet, if the products are dirty (e.g. unwashed tuber and root crops), then, as a minimum, cleaning regime B shall be applied. It may particularly involve artificial fertilizers, food, animal feed, etc.;

- Performing a prohibited transport will automatically imply a rejection of the loading space, and may only be re-used for transport of feed or 'by-products for reprocessing', by applying the procedure as described in point 5.
- Exceptions as regards the application of the minimum cleaning regime.
 - o For subsequent transports of a same kind of animal feed, originating from the same batch, and intended for the same buyer, it is possible to obtain a derogation from the cleaning requirement, unless agreed otherwise with the instructing party;
 - o Subject to the application of other legal and / or commercial requirements, for subsequent transports may also be deviated from the cleaning requirements for certain liquid feed materials (e.g., vinasse and molasses), provided compliance with the following conditions;
 - These liquid feed materials are included in the IDTF-database under one single IDTF Number;
 - These liquid feed materials are the subject of consecutive transports.
 - The specific conditions (in terms of written information from stakeholders, for example) are explicitly included in the IDTF database and must be applied;
 - Derogation from the mandatory cleaning regime must not lead to the development of chemical, (microbiological) and / or physical hazards and are therefore incorporated in the hazard analysis inherent to the transport operator. The possible timeframe left between 2 consecutive shipments must also be taken into account.
 - o Transport of a by-product for reprocessing must always be disinfected except in the case where the transport operation is able to demonstrate that the transformation sheet of the by-product in question, mentions another cleaning regime.

The substances listed in the online database, are considered to be pure substances, having never been used before. The classification of a mixture of substances, or of a substance already used (e.g. in a filter), must not be extrapolated on the basis of a cleaning regime required for pure substances.

If a product is not listed in the online database, it should be considered as prohibited, and therefore is not allowed to be transported in a loading space certified for FCA.

This classification does not exempt the company from performing an analysis of transported goods for any additional risks they may involve.

For animal feed, containing animal by-products, not intended for human consumption, is also being referred to in document 'AT-06: Road Transport', point 3.

4. Assessment of products for transport

A transport operator, having received a transport order must first and foremost consider whether he is allowed to accept the order.

To this end he will determine:

- Which cleaning will have to be applied if transport takes place. To this end he can consult the online database. (www.icrt-idtf.com). If the transport operator is not able to determine the nature of the product to be transported, he should then obtain this information from the instructing party;
- If all material and staff, for transporting this load, are available.

There should be a procedure in place, as regard the acceptance of an order.

The online database available at www.icrt-idth.com, and which is accessible in 4 languages (FR, NL, EN, DE), also provides multiple functions (e.g. printing of product lists adapted to each company. For a first search, a manual is highly recommended. It can be downloaded under heading « Procedures ».

If the user opts for a cleaning, he should be aware of all the information available in the online database linked to the transport of a specific product. At international level the requirements as regards cleaning, may differ from country to country of per specification sheet.



Changes in the database

Changes in the database (e.g. addition or modification of a cleaning regime) are usually communicated by way of a newsletter. In order to receive these newsletters, the company may send a request to OVOCOM (info@ovocom.be).

Each product sheet shall indicate the date of the last changes. This way it is possible to verify whether the information regarding transport of the product has been updated.

5. Release procedure

A release procedure shall be applied in the following situations:

- A loading space may be released again for transport after transportation of a prohibited product, so it can be reused for transport of FCA animal feed;
- A loading space, which is used for the first time for transport of FCA animal feed, must first be released. This point is not applicable for a new loading space (coming from the constructor and which has never been used for transport before);
- A loading space for which there is no history available in conformity with the FCA Standard, must be released prior to transport of FCA animal feed.

To this end there are 2 procedures. A company which must apply a release procedure, can either call on a certification body (see 5.1) or on a tank cleaner (see 5.2) in order to prepare the loading space for release, in view of transporting animal feed. Each step of the procedure must be performed with each new release.



Specific procedure after transport of certain animal products or feed containing them.

There exists a specific sector based cleaning regime, which should be applied if the company wants to perform a particular sequence of transports (e.g. transport of a cattle feed after a pig feed containing fish meal).

This specific procedure must not be confused with the release procedure.

All these special cases, resulting from the application of Annex IV of Legislation (EC) N°. 999/2001, as well as the Belgian procedure for cleaning, approved by the Competent Authorities, are included in document 'AT-06: Road transport'.

5.1. Cleaning performed by a transport company – Procedure A

- A water cleaning (with cleaning agent) adapted to the nature of the prohibited load, and possibly linked with a disinfecting agent, shall be performed in compliance with the protocol, elaborated by the company;
- The assessment, for account of the company, performed by the controlling body, which is recognized by OVOCOM (certification body or CC-04 inspection body) of the loading space following the above mentioned cleaning and disinfection;
- The controlling body will use a log book (road status) to find out, which previous loads have been transported, and which cleaning and disinfection have been performed. The vehicle's loading space, will be submitted to a visual inspection for any possible residues present, especially in areas difficult to clean. Depending on previous loads and on the results of the visual inspection, the controlling body may perform, for account of the company, additional hygiene measurements by means of ATP-measurements or agar stamps;
- The issuance, by the controlling body, of an attestation specifying that the vehicle/ loading space can (again) be released for transport of animal feed and/or 'by-products for reprocessing'.

5.2. Cleaning performed in washing station (tank cleaner) – Procedure B

- A water cleaning (with cleaning agent) adapted to the nature of the prohibited load, and possibly linked with a disinfecting agent, performed by an independent tank cleaner (independent company 'Tank cleaning') conforming the protocol which has been elaborated by the company;
- After the above mentioned cleaning and disinfection, an assessment of the loading space must take place, for account of the company, by the independent tank cleaner;
- After transportation of mere animal or plant material, use can be made of ATP-measurements for control purposes. The results of these measurements should be below the level of 1000 rlu/20cm² (RLU = Relative Light Units);
- In all other cases, the control, for account of the company is performed through analysis of the last rinse water. This rinse water shall be collected by the independent tank cleaner and send to an laboratory. The vehicle/loading space can (again) be released for transporting animal feed, provided the analysis show that the last rinse water complies with the standards for drinking water.

The analysis will at least be performed according to the indicated minimum parameters, to be analyzed during routine controls, as laid down in the federal legislation pointing out the quality of water intended for human consumption¹.

These minimum requirements relate to the following parameters:

- Total bacterial count at 22°C and at 37°C
- Coliform bacteria
- Escherichia coli (E. Coli)
- Ammonium
- Color
- Electrical conductivity
- Hydrogen ion concentration (pH)
- Nitrate
- Nitrite
- Odor
- Taste

¹ Belgian Royal Decree of 14th January 2002 on the quality of water intended for human consumption which is packaged or which is used in food processing establishments in the manufacture and/or commercial preparation of food products (and modification).

- Turbidity

However, it may seem that these minimum parameters are not adequate and that additional parameters will be more relevant to be analyzed. To that end, the company shall perform a risk analysis on all supplies, taking into account the nature of previous loads, the circumstances of transport, as well as the nature of the cleaning(s) performed.

During audit, the certification body will evaluate the risk analysis, possible additional parameters, and measures taken.

6. Application for (re-)classification of a product

Products and materials not specifically included in the online database, are prohibited for loading spaces which are used for animal feed.

A company wishing to transport a product, not yet classified, must submit a request to OVOCOM. The company should, upon applying, make use of the enclosed application form in annex A and provide as much information as possible as regards the product (technical sheet, security sheet, samples, photos, etc). If a company has enough motivation to classify a product in another category, he may also use this application form.

The assessment of the applications is performed in 2 stages:

- The file will first be treated by OVOCOM who, if found acceptable, may issue a provisional and individual classification of the goods. OVOCOM will subsequently send the file and the assessment to the other members of the ICRT (International Committee of Road Transport), consisting of representatives of other International Organizations, pursuing the same objectives as OVOCOM;
- These members will in turn express themselves, on the basis of provided information. They will confirm or refute the initial assessment. When the product is finally evaluated, it will be included in the database of products to be transported.

If the classification performed by OVOCOM and/or the ICRT deviates from the loading category, requested by the company, then there is the choice to either agree with the classification advice or withdraw his application for classification.



Provisional and individual classification of goods.

If the file for the application of a product classification is complete, and relates to a product that could easily and with certainty be assessed, then it is possible for the applicant to obtain 'a provisional and individual classification of goods'.

The temporary authorization, mentions the product and associated cleaning regime, the applicant obtaining the authorization for transportation of this product, provided adapted cleaning, and the entry date of the temporary authorization.

This temporary authorization is valid for the applicant only, for a maximum period of 6 months, unless, in the mean time, the product has officially been published.

The transport operator, transporting a product for which such authorization has been granted must carry the document 'provisional and individual classification' in his truck and must, upon control, be able to submit it.



ANNEX A: Request for (re-)classification of a product

| Applicant | |
|------------------------------|--|
| Company name | |
| Contact person | |
| Address | |
| Telephone number | |
| Fax | |
| E-mail | |
| | |
| NumberFCA–certificate | |

| Product | | |
|------------------------------|--|--|
| Product (type) | | |
| Trading name | | |
| Cas number | | |
| Einecs number | | |
| ADR class | | |
| Chemical properties | | |
| Form | <input type="checkbox"/> Solid substance | <input type="checkbox"/> Powder |
| | | <input type="checkbox"/> Granulates |
| | | <input type="checkbox"/> Other : |
| | <input type="checkbox"/> Liquid | |
| | <input type="checkbox"/> Other : | |
| Solubility | <input type="checkbox"/> Water soluble | |
| | <input type="checkbox"/> Fat soluble | |
| | <input type="checkbox"/> Other : | |
| Purity of the product | | |
| Application | <input type="checkbox"/> Food | |



| | |
|--------------------------|---------------|
| <input type="checkbox"/> | Feed |
| <input type="checkbox"/> | Other : |

| Transport | |
|---|--|
| Means of transport | <input type="checkbox"/> Vehicle with tipping body |
| | <input type="checkbox"/> Container |
| | <input type="checkbox"/> Tank vehicle |
| | <input type="checkbox"/> Other : |
| Transport under controlled temperature | <input type="checkbox"/> Yes : |
| | <input type="checkbox"/> No |

| Cleaning | |
|--|--|
| Cleaning proposal after transport | <input type="checkbox"/> Dry cleaning |
| | <input type="checkbox"/> Water cleaning |
| | <input type="checkbox"/> Cleaning with (water and) detergent |
| | <input type="checkbox"/> Disinfection |
| Motivation | |
| | |
| | |

Enclosed :

- MSDS
- Technical data sheet
- Analysis report
- Sample
- Other :

| Reserved for OVOCOM VZW/ASBL | | |
|------------------------------|--------------------------|---|
| Product classification | <input type="checkbox"/> | Prohibited product |
| | <input type="checkbox"/> | Microbiologically contaminated product |
| | <input type="checkbox"/> | Product presenting a physical risk |
| | <input type="checkbox"/> | Product presenting a chemical risk |
| | <input type="checkbox"/> | Neutral product |
| | <input type="checkbox"/> | Fertilizers |
| | <input type="checkbox"/> | Additive |
| Cleaning Regime | <input type="checkbox"/> | A = Dry cleaning |
| | <input type="checkbox"/> | B = Cleaning with water |
| | <input type="checkbox"/> | C = Cleaning with (water and) detergent |
| | <input type="checkbox"/> | D = Disinfection |
| Application date | | |
| Assessment date | | |