



Trade Assurance Scheme for Combinable Crops (TASCC)

AIC Code of Practice for Deep Cleaning of Road Haulage Vehicles

June 2007

Contents	Page
1.0 Introduction	3
2.0 Eligible Vehicles.....	3
3.0 Requirements	3
3.1 Vehicle Owner	3
3.2 Vehicle Cleaning Station	3
3.2.1 Request for Cleaning.....	3
3.2.2 Cleaning Procedure	3
3.3 Verification of Cleaning	4
3.4 Vehicle Approval	6
Appendix 1 Suppliers of Food Grade Cleaning Chemicals.....	7
Appendix 2 List of Approved Independent Haulage Cleaning Contractors.....	7
Appendix 3 References	7
Appendix 4 TASCC Vehicle Cleaning Form (VCF)	8
Appendix 5 Cleaning Protocol Flow Diagram	10

1.0 Introduction

This protocol specifies the requirements for the cleaning of TASCC trailers that have carried certain Sensitive/Exclusion List material in order for them to be re-admitted to TASCC work.

The only sensitive/exclusion materials that can be processed through this system are;

- **Manures** (from food producing animals and horses), **litters** (mixture of manures and used bedding material from food producing animals and horses) and **composts** (composted plant material). These must not have been contaminated with any other Exclusion List Material.

2.0 Eligible Vehicles

This protocol applies in the following circumstances:

1. The trailer is a Bulk Tipping Trailer **or** Rigid Tipping Vehicle previously used in the TASCC scheme and found to have carried sensitive/exclusion list material defined in 1.0 above.

Note: This protocol must be carried out by the company who was operating the vehicle at the time the load was carried. It is not acceptable for a TASCC haulier to sell a vehicle that has carried the materials listed in 1.0 above to another TASCC participant until this procedure has been successfully completed.

3.0 Requirements

3.1 Vehicle Owner

The Haulier must select a Cleaning contractor approved by the Certification body as compliant with the requirements of this protocol, or request approval for the cleaning contractor they wish to use.

The Haulier must fill out Section A of the TASCC Vehicle Cleaning Form for each vehicle they need cleaned. The Haulier must ensure that only eligible vehicles (i.e. specified in 2.0 above) are submitted for cleaning.

The Haulier shall submit the vehicle for cleaning and include a copy of all the materials carried for the previous 6 months. The Vehicle cannot be regarded as approved for TASCC work until the VCF has been returned to the Haulier by the TASCC Certification Body stamped and signed off as approved.

3.2 Vehicle Cleaning Station

3.2.1 Requests for Cleaning

The Vehicle Cleaning Contractor must ensure that vehicles they take in for TASCC cleaning have a correctly completed TASCC Vehicle Cleaning Form (VCF) submitted with the vehicle.

The Vehicle Cleaning Contractor must check that the vehicle details match the VCF on arrival.

3.2.2 Cleaning Procedure

The following cleaning operations shall be undertaken by trained staff in the sequence shown below. On completion of each step, the Operator shall record the work undertaken and any problems encountered in Section B.

Step 1 Remove Gross Debris

Remove and dispose* of load cover(s) grain sock and seals. Sweep/ scrape (as appropriate dry/ wet) interior of trailer to remove as much visible debris as possible.

*The haulier does not need to throw away the load cover, but must be able to demonstrate to the inspector what controls are in place to prevent it being re-used on a TASCC vehicle

This stage will minimise water use during step 2.

Step 2 Hot wash

Pressure wash entire interior of trailer and the upper exterior surfaces with hot food grade alkaline detergent solution (70-80°C) at the manufacturers recommended dilution.

Particular attention should be paid to corners, welds/ seams, catches & hinges of tailgate and partitions.

Step 3 Sanitise

Replace load cover with a new one.

Apply a water-based, food grade Quaternary Ammonium terminal sanitiser, at the manufacturers recommended dilution, to the entire interior of the trailer and leave to air dry.

3.3 Verification of cleaning

The inspection and testing shall be undertaken managed by the Certification Body.

Visual Inspection

The inspector must be able to access the interior of the trailer safely and without breaching any Health & Safety site rules.

During the visual inspection and swabbing, the inspector must wear appropriate clothing (e.g. clean overalls/footwear) to avoid re-contaminating the cleaned trailer

A visual inspection of the trailer shall be undertaken to ensure that there is no visible sign of cargo residue. The inspector will also check for any residual taint/ odour. The Inspector must review the VCF before the inspection to familiarise themselves with the reason for the clean, the work carried out and any problems encountered.

The Inspector shall be trained in the operation and requirements of this cleaning protocol.

Microbiological Tests

The Inspector shall take a minimum of 8 separate swabs from various parts of the trailer interior using a standardised procedure so that results are comparable.

Sample sites must be chosen according to risk assessment principles, taking in to account the following criteria:

- Load contact points
- Ease/ difficulty of cleaning

In all cases, sampling should be targeted at the areas most likely to carry residual contamination.

The area swabbed should be approximately 100cm² (the size of a beer mat)

Immediately after being taken swabs should be placed in media designed to neutralise any residual disinfectant and kept under refrigerated conditions until transported to the laboratory. Transport arrangements should ensure that swabs can be tested within a maximum of 24 hours.

Swabs shall be tested for;

- Total Viable Count (TVC)
- Enterobacteriaceae
- *E. coli*
- faecal enterococci (streptococci)
- yeasts
- moulds
- *Salmonella*.

Acceptable limits per 100 cm²:

TVC	<10 ⁴
Enterobacteriaceae	<1000
<i>E. coli</i>	<10
faecal enterococci	<20
Yeasts and moulds	<100
Salmonella	Absent

The laboratory sends analysis report sheet to the TASCC Certification Body PAI

Interpretation of Results

All results for enterobacteriaceae, *E. coli*, faecal enterococci, Salmonella and Yeasts & Moulds must be within the standards quoted above. This is necessary for demonstrating food and feed safety. If any of these results exceed the limits quoted, the trailer will be required to be re-cleaned with a re-inspection and swabbing exercise repeated.

Total viable Counts are to be viewed as indicators of the general effectiveness of cleaning, and therefore results showing 1 swab per trailer with TVC above the level quoted will be accepted into the scheme subject to the visual inspection report being satisfactory.

Where more than one TVC is above the quoted limit, the Certification Body will ensure that adequate corrective actions (e.g. re-clean and re-swab) are implemented prior to the re-introduction of the vehicle.

3.4 Vehicle Approval

The Certification Body review the vehicle history to ensure that sufficient evidence exists to show that the vehicle is an eligible vehicle.

The Certification Body reviews each section of the VCF to ensure that the correct cleaning has been satisfactory completed and that the trailer has passed all the inspection/testing requirements.

If satisfactory, the Certification Body sign off the VCF and return to the Haulier. On receipt of an approved VCF by the Haulier, the vehicle is allowed to be used as a TASCC vehicle.

The haulier must present a copy of the completed VCF with the vehicle as long as the exclusion list material appears in the last 3 loads.

Appendix 1 - Suppliers of Food Grade Cleaning Chemicals

Dupont Animal Health Solutions Windham Road Chilton Industrial Estate Sudbury Suffolk CO1 2XD www.antecint.com Tel: 01787 377305 Fax: 01787 310846	Delmarco Ltd 2 Ainleys Industrial Estate Elland W. Yorks HX5 9JP Tel: 01422 379214 Fax:
Ecolab Ltd David Murray John Building Swindon Wiltshire SN1 1NH www.ecolab.com Tel: 01793 511221 Fax: 01793 618522	Holchem Laboratories Ltd Premier House 175 Grane Road Haslingden Rossendale Lancashire BB4 5ER www.holchem.co.uk Tel: 01706 222288 Fax: 01706 221500
Johnson Diversey Food Group Weston Favell Centre Northampton NN3 8PD www.johnsondiversey.com Tel: 01604 405311 Fax: 01604 406809	Sopura Ltd St. Andrews House 26 Brighton Road Crawley West Sussex RH10 6AA www.sopura.com Tel: 01293 538471 Fax: 01293 537965

This suppliers list is for information purposes only and is not exhaustive. Whilst AIC has used their best endeavours to ensure the accuracy of the above list, they do not accept any responsibility for the accuracy of the list.

Appendix 2 – List of Approved Independent Haulage Cleaning Contractors

No companies have been approved. This process will commence once vehicles are available for the cleaning process.

Appendix 3 – References

TASCC Code of Practice for road Haulage 2007/2008
PDV GMP standard for road transport in the animal feed sector Appendix 1
SQAS Cleaning Guidelines April 2003

Trade Assurance Scheme for Combinable Crops (TASCC)
 TASC Vehicle Cleaning Form (VCF)



Note To be completed by qualified/approved personnel

Haulier		To be completed by haulier and sent to PAI
TASC Haulier company name	Contact Name	
Company Address	TASC Participant Number	
	Tel	
	Fax	
	Mobile	
Chassis Number of trailer to be cleaned		
Trailer identification		
Name Position in Company Signed		
Nominated Deep Cleaning Station:		

Certification Body		Forward to Cleaning Station
Trailer suitable for Deep cleaning	PAI Signature	
Deep cleaning station approved	PAI Signature	
Approved Deep Cleaning Wash Station		To be completed by Operators and handed to Assessor
Step 1 Remove Gross Debris and sheet, seals and grain sock		
Satisfactory completion.	Cleaning Station Signature	
Step 2 Hot Wash		
Temperature	Cleaning Station Signature	
Detergent	
Dilution	
Fit new sheet, seals and grain sock	Fitter Signature	
Step 3 Sanitise		
Sanitiser	Cleaning Station Signature	
Dilution	

Certification Body Representative		Return completed form to PAI
Visual inspection by Certification Body		
Satisfactory cleaning	Assessor Signature	
New sheet, seals and grain sock	Assessor Signature	
Minimum 8 swabs to be taken		
Despatch to laboratory within 24 hours accompanied by copy of VCF Form		

Swab Reference Number	Swab Site
1001	
1002	
1003	
1004	
1005	
1006	
1007	
1008	
1009	
1010	

Return or Fax VCF Form to PAI Ltd, The Hamlet, Hornbeam Park, Harrogate, HG2 8RE

Certification Body
Approval for re-entry to TASCC Scheme use

Name (Print) _____ Position _____
Signed _____ Date _____

PAI to send copy of completed form to Haulier

Haulier
This VCF must be produced and declared as "Deep Clean" when declaring the last three loads
After third load VCF filed as evidence of Deep Clean

HAULIER MUST RETAIN THIS DOCUMENT ON FILE

PAI Ltd, The Hamlet, Hornbeam Park, Harrogate HG2 8RE Fax 01423 878870

Appendix 5 Cleaning Protocol Flow Diagram

