EUROPEAN FEDERATION OF TANK CLEANING ORGANISATIONS

www.eftco.org
Our premium pump units and high pressure internal cleaning systems are reliable partners for your challenges. Trust in leading URACA quality.
All you need for Tank Cleaning

Fast working cleaners have the potential to speed up cleaning times, reduce water use and total costs.

You can get every chemical product from one source:

- Cleaning concentrates
- Kosher / Halal cleaners
- Chemical Commodities, Specialties and more
- Disinfectants and desinfecting cleaners
- Pickling products for stainless steel
- Rinsing aids and drying agents
- Odor adsorbers, Defoamers
- Water chemistry and activated carbons
EFTCO was founded 1999 with the main aim to organize tank cleaning in safe and environmental responsible way all over Europe.

Today, EFTCO represents 20 national associations covering 24 European countries and able to achieve a network of 570 cleaning stations. EFTCO is a „non-profit“ association committed to reliable, trustworthy and environmental friendly services of its members. EFTCO works together with interested parties on matters of Safety, Environment, Education and Technical improvements to develop a better understanding and practice in tank cleaning.

EFTCO has cooperation with European Federations like the European Chemicals Council (Cefic), the European Chemical Transport Association (ECTA), the International Tank Container Organisation (ITCO). The activity is underpinned by the EFTCO Cleaning Document (ECD), owned by EFTCO and used by the cleaning companies to record in a multi lingual format the services completed. The ECD has unique numbering to provide traceable provenance by EFTCO’s Members of any legitimate ECD.

Tank Cleaning is an essential part of the supply chain.
Your Perfect Cleaning Service for the Rhineland.

Those who pass Cologne will not miss us. For one thing due to the ideal transport connection to the highway and the container terminal. For another because we offer many services that you will not get elsewhere: We are certified for special hazardous materials and clean according to the strictest hygienic, legal and environmental requirements. Whether you would like to have your food tanks, silo tanks or chemical tanks cleaned - we do it all.

You can rely on:

- HYGIENE
- ADR
- GMP
- HACCP
-IBC cleaning
- CONTAINER heating/handling
-FREE WiFi

Carcinogens
Hazardous to reproduction
Genetically harmful
volatile halogenated hydrocarbons
substances containing free chlorine

Accessories & spare parts | Bistro | Driver showers | Bonus cards

Opening hours:
» Mon. - Fri. 6:00 am - 10:00 pm
and also by prior appointment

Am Eifeltor 4 (access 2) | 50997 Cologne
Phone: +49 221 - 36 79 39-17 | Fax: +49 221 - 36 79 39-15
info@ttc-koeln.de | www.ttc-koeln.de
History
Founding members with a vision for Europe

6 founding members of EFTCO in 1999 were

- CTC Belgium
- APLICA France
- NRTCA UK
- ATCN Netherlands
- ALCI Italy
- ANLIC of Spain.

The aim was to establish in co-operation with ECTA (European Chemical Transport Association) and CEFIC (The European Chemical Industry Council) a uniform cleaning document (ECD) for tank cleaning operations in Europe as a contribution to the Responsible Care program.

The European Cleaning Document was introduced and became a success story as the most accepted uniform cleaning document in Europe.

14 additional European Associations followed and became member of EFTCO, today representing 24 European countries.

In 2017 EFTCO decided to launch a new area for the ECD and renamed the cleaning document into EFTCO CLEANING DOCUMENT.

EFTCO is now prepared for globalization, digitalization and future challenges.
Our Board

Erwig Sellaerts, President
European Cleaning Document (ECD)
Safety and Quality Assessment System (SQAS) for cleaning
CTC, Belgium

Ann Dawson, Treasurer
Legal issues, Policy and Procedures
NRTCA, United Kingdom

Christer Andersson
Preventive Actions
S&NTCA, Sweden

David Pinka
Strategy Workgroup
CACS, Czech Republic

Damien Becquet, Vice President
Communication and Meetings for Members and Board
APLICA, France

Tako Runia
EFTCO FOOD Workgroup
Structure and Budget Workgroup
ATCN, Netherlands

Tom Mohn
EFTCO Strategy Workgroup
FINTCA, Finland

Lutz Harder
EFTCO General Secretary
DVTI, Germany

Wojciech Czechyra
Key Performance Indicators
Statistics
PSMC, Poland
Our Members

20 National Members represent cleaning Industry in Europe

1. **ALCI**
   Associazione Lavaggi Cisterne Industriali
   via Evaristo Stefani 8,
   IT-20145 Milano
   +39 0192160062
   board@alci.it
   www.alci.it

2. **ANLIC**
   Asociación Nacional De Lavaderos
   De Interiores De Cisternas
   Pol. Ind. Riu Clar
   p. 169-179 Apdo. 89
   ES-43080 Tarragona
   +34 977547276
   anlic@anlic.com
   www.anlic.com

3. **APLICA**
   Association Professionnelle des Laveurs
   Intérieurs de Citernes Agréés
   BP 60108
   FR-59874 Wambrechies Cedex
   +33 320131955
   info@aplica.asso.fr
   www.aplica-asso.fr

4. **ATCN**
   Association of Tank Cleaning Companies
   Netherlands
   PO Box 3008,
   2700 KS Zoetermeer, NL & BE
   +31 884567235
   info@atcn.nl
   www.atcn.nl

5. **CTC**
   Commissie Tank Cleaning vzw
   Stapelhuisstraat 5a
   BE-1020 Brussel
   +32 24256800
   +32 24250568
   erwig.seliaerts@cotac-group.com
   www.ctc-belgium.be

6. **NRTCA**
   National Road Tanker Cleaners Association
   Common Lane
   GB-Knottingley
   West Yorkshire WF 11 8BN
   +44 1977607607
   enquiries@nrtca.co.uk
   www.nrtca.co.uk

7. **STCA**
   Swiss Tankcleaning Association
   Hutmatstrasse 22
   CH-5724 Dürrenäsch
   +41 627676744
   roger.gloor@bertschi.com
   www.vstra.ch

8. **DVTI**
   Deutscher Verband für Tankinnenreinigung e.V.
   Schnellermaarstr. 37
   DE-50354 Hürth
   +49 2233 374206
   +49 621600242
   dvti@dvti.de
   www.dvti.de

9. **SNTCA**
   Swedish & Nordic Tank Cleaning Association
   Arsta Kombiterminal, Transportvägen 23
   117 43 Stockholm, SE, DK & NO
   +46 8350580
   info@sntca.se
   www.sntca.se
VÖTS
Verband Österreichischer Tank- und Siloreinigungsanlagen
Obere Hauptstraße 1
AT-3150 Wilhelmsburg
+43 67683028820
info@voets.at
www.voets.at
ABOUT US

FINTCA
Finnish Tank Cleaning Association ry
C/o Moonway Oy, Ruissalontie 11
FI-20200 Turku
+358 22754300
tom.mohn@moonway.fi

MTSZ
Magyar Tartálytisztítók Szövetsége
Bázis Office Center, Horvat utca 14-24
HU-1027 Budapest
+36 13165410
gyorgy.varnai@gmail.com
www.tartalytisztitas.hu

PSMC
Polskie Stowarzyszenie Myjni Cystern
ul. Drogowców 2 B
PL-39-200 Dębica
+48 601545166
psmc@psmc.pl
www.psmc.pl

ASCR
Asociatia Spalatoriilor de Cisterne din Romania
Calea lui Traian nr. 153, bl. Filipin, sc. 2, ap. 16
RO-240096 Ramnicu Valcea
+40 374058477
ascr@ascr.org.ro
www.ascr.org.ro

KTTD
Kimyasal Taşıma Araçları Temizleyicileri
Dernegi
Değirmenolu Street No:28,
Asia Ofis Park A2 Block 1. Floor
TR-34752 İçerenköy-Ataşehir/ISTANBUL
+ 90 2164691487
sinem.ozgen@kttd.org
www.kttd.org

EETCA
Eastern-European Tank Cleaning Association
No 11-13, Floor.4. Tsaritsa Joanna sq.
Burgas 8000, BG & RU
+359 5684544
Lachezar.Anguelov@eetca.com
www.eetca.com

APLC
Associação Portuguesa de Lavadores de Cisternas
Rua de Cidres, 1644 - 1º
PT-4455-442 Perafita
+351 229963136
aplc@sapo.pt
www.aplc.pt

SloTCA
Slovenian Tank Cleaning Association
Dimičeva 13,
SI-1504 Ljubljana
+386 15898360
igor.sep@gzs.si

CACS
Česká asociace čistících stanic
Czech Republic + Slovakia
Pod Šancemi 444/1
180 77 Praha 9, CZ+SK
+420 739063080
ladislav.spacek@cacs.cz
www.cacs.cz

UNTCA
Ukrainian National Tank Cleaning Association
Orlovskaya str 21
UA-49052 Dnipro
+38 676573340
office@untca.com.ua
www.untca.com.ua
Thema: Vorstellung Mitglieder

Bemerkungen zum Thema: xxx

Schwerpunkt 1: xxx

Schwerpunkt 2: xxx

Schwerpunkt 3: xxx

ASRO TANK CLEANING
Your partner in Eupen, Belgium for a perfect tank cleaning for food

ASRO Clean AG • Textilstraße 15 • B - 4700 EUPEN • Tel.: +32 (0)87 307 870 • info@asro-clean.com • www.asro-clean.com

CERTIFICATIONS:
Kosher, ISO 9001, HACCP, SQAS, EFTCO Food.
ISO 22.000:2017 (from October 2018)

Manufacturer

Silo/bulk cleaning
Chemicals cleaning
Food cleaning
Railway carriage cleaning
IBC Cleaning
Container cleaning
Container heating
CIP / Latex cleaning

CTW | the reference in new tank cleaning projects and renovations

Car- & Truckwash nv - CTW
Everdengenlaan 9 / 19
2300 Turnhout - Belgium

T. +32 (0)14 27 00 80
info@ctwcleaning.com
www.ctwcleaning.com
Shorten the cycle times by having safe and efficient cleaning systems!

**Water-based cleaner instead of Acetone**

Tank interior cleaning is particularly complex, therefore technically and chemically challenging. It is no easy task: There are about 200,000 different contaminations (example – latex, resin, additives,…); external influences and as well different sizes and geometries of tanks. Cleaning the tanks safely and quickly is the question. The solution onto this challenge is using a simple cleaning technology system from STOCKMEIER Chemie which will fulfill SQAS.

Quality and security concerning our internal and external transport and logistic network is very important for the STOCKMEIER. For this reason, we have implemented already in early stages the SQAS process into our QM system. SQAS Cleaning Assessment is a basic condition for the use of ECD as a continuous mark of quality and security of tank cleaning.

STOCKMEIER Chemie offers international standards for the cleaning process; cleaning and disinfecting agents. Our customers are companies from various industries such as tank cleaners, logistics companies, chemical industries, food and feedindustries etc. STOCKMEIER Chemie is SQAS certified.

### Example - Aceton vs. Cleaning technology by STOCKMEIER Chemie

<table>
<thead>
<tr>
<th>Example</th>
<th>Aceton</th>
<th>Cleaning technology by STOCKMEIER Chemie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>-18 / 64,4</td>
<td>None, water-based system</td>
</tr>
<tr>
<td>Solvent</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cleaning time minutes approx.</td>
<td>60</td>
<td>30</td>
</tr>
<tr>
<td>Environmental compatibility, work safety</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

STOCKMEIER Chemie is SQAS certified.

**Investment into the future**

**Cleaning agents and Specialties, including Water Chemistry**

Innovation, research and development plays a central role in STOCKMEIER Chemie. We are constantly investing in projects related to sustainable, energy-efficient processes and secure our expertise and products with patents.

**The result is the development of**

We have new applications such as selective removal of trace substances or selective disinfectants for the tank industry.

We share our know how to incorporate into your in house innovations to optimize your projects.

For more information:

This article was written by Björn Haupt, Head of field tank cleaning. oftech@stockmeier.de

Visit: [www.stockmeier.de](http://www.stockmeier.de)
Tank Cleaning is an essential part of the supply chain

It is important that this service is carried out by professional and reliable partners. This is one of the main objectives of EFTCO and for which the EFTCO Cleaning Document (ECD) stands for. To carry out all these cleaning in a safe way, people must be well aware of the dangers and well trained. Different national organisations have developed special trainings which are organized regularly. A big product database is necessary to manage the cleaning procedures and the protections measures of our operators.

The majority of the cleaning stations are well equipped with modern high pressure technology, a sophisticated waste water treatment and scrubber systems to clean the vapors to avoid emissions.

The wastewater treatment of a tank cleaning station can consist out of a physic chemical installation, a biology, a tertiary purification (flotation), a sand filtration and an activated carbon filtration. All this is needed to reach the disposal standards.

Quality control and improvement of the standards is seen with high priority at EFTCO. The fulfillment of industry standards is as important as analyzing and sharing root causes of incidents and accidents. Learning from each others mistake.

EFTCO has always promoted the SQAS system as a tool for improvement. By updating the SQAS questionnaires regularly, the new tendencies of the industry are followed and implemented. In this way a continuous improvement can be achieved.

SQAS (Safety & Quality Assessment System) is a system to evaluate the quality, safety, security and environmental performance of Logistics Service Providers and Chemical Distributors in a uniform manner by single standardised assessments carried out by independent assessors using a standard questionnaire.

An SQAS assessment does not lead to a certificate but offers a detailed factual report which each chemical company needs to evaluate according to its own requirements. A copy of the document can be obtained at www.sqas.org/download-questionnaire.php

EFTCO keeps contact with the chemical industry and is a partner in new developments and discussion. Participation in the SQAS T&A and Executive committee with good contacts to Cefic and ECTA. Only the cleaning stations that certified SQAS and members of EFTCO though the National Cleaning Stations Associations, have the right to issue ECD.

We develop standards.

The process in an ECD Compliant Cleaning Station
Truck Cleaning
empty and uncleaned

Truck Cleaning
with water, detergents, steam, etc.

Wastewater
after cleaning

Wastewater Treatment
in a wastewater treatment system using ventilation, sedimentation and chlorination
Residues after cleaning

Residues from wastewater treatment

Inspection

Waste Management Facility

Sewerage indirect discharge

Truck Exit cleaned
EVERYTHING FOR A CLEAN INTERIOR

For over 40 years, our name has been synonymous with reliable and powerful systems for cleaning container interiors. As the market leader in professional cleaning systems, we offer you solutions for every requirement.

Kärcher systems for cleaning containers are modular system solutions tailored to customer-specific products and cleaning frequency. From consulting and planning to construction, delivery and servicing of the systems, we are your strong and reliable partner with innovative concepts and extensive service. The first step towards a perfectly planned system is a needs assessment with a focus on quality, operational safety and efficiency.

**Application areas**
- Transport and Logistics
- Food Industry
- Chemical Industry and trade
- Pharmaceutical Industry
- Breweries and drinks manufacturers

We design your system for every cleaning purpose, the respective product and cleaning intervals. In doing so, we take into account specific factors like size and geometry, typical types of dirt and external factors. Our system solutions enable you to meet the diverse requirements of cleaning tanks, silos and containers professionally and in every respect. No matter which type of container or dirt – we can clean it.

**The benefits for you**
- Professional support
- Reliable cleaning result
- Effective operation
- High degree of safety at work

Just tell us what challenge you are facing and we will tell you the most effective and efficient way of overcoming it.
The uniform EFTCO Cleaning Document (formerly European Cleaning Document) (ECD) has been developed by EFTCO in cooperation with ECTA and CEFIC, in order to satisfy the needs of cleaning stations, transport companies and manufacturing companies. Ownership and exclusive reproduction of EDC is owned by EFTCO, being registered in the European Register of Trademarks and Patents no. 202130-0001.

Only the cleaning stations that certified SQAS and members of EFTCO through the National Cleaning Stations Associations, have the right to issue ECD. The minimum requirement for access to the ECD is supervised by EFTCO’s national associations. The ECD is European wide accepted and is using cross-linguistic EFTCO Codes, which provides a documentation of progressed tank cleaning and equipment accessories. Those EFTCO Codes can easily be assimilated to new need of documentation and additional codes can be added.

All cleaning stations, which are members of EFTCO related national associations use the standardized EFTCO Cleaning Document (ECD) for the documentation of cleaning. The ECD is a document common accepted as a proof that the tank cleaning was carried out as the customer requested, at a high-quality level and in respect of all legal, safety and environmental requirements. The ECD contains important information for all partners in the supply chain and is understandable in different countries. This was achieved by introducing the EFTCO cleaning codes translated in 21 languages.
First certify, then add values with AJA Registrars

ISO 9001
ISO 14001
ISO 22000

EFTCO Food
SQAS

OHSAS 18001
Green Logistics
AJA Academy

Always on track with Quality
Tel: +49 (0) 6232 -132450 | info@ajaregistrars.de | www.ajaregistrars.de

Reinigung von Silos und Tankfahrzeugen mit Rückständen von mineralischen Staubgutern (Cement, Marmor, Quarzsand, Kalk etc.), Kunststoffen (PVC Granulate), Lebensmitteln (Getreide, Milchpulver, Zucker, Salz, Flüssigkeiten etc.), Spezialprodukten (auf Anfrage)

Saubere Sache: Professionelle Truck- & Siloreinigung!

Direkt an der Autobahnanschüttung Bludenz-Montafon
2 Waschbahnen, keine Wartezeiten
5 Waschköpfe pro Bahn à 50 bar für schnellere und gründlichere Reinigung
Leistungsstarke Trocknungsanlage für schnelleres Trocknen
Temperaturregelung, Laugen- und Säurebeimengung für alle Hygieneanforderungen

STAG Staubgut-Transport
Gesellschaft mbH
Unterbings 12, 6700 Bludenz, Austria
Tel: +43 5552 64073-27
info@stag-transporte.com | u.scham@stag-transporte.com
www.stag-transporte.com
The use of a uniform European document has important advantages for all parties involved:

- The document has the same form which can easily be distinguished from the falsifications.
- The use of a unique numbering system provides security and authentication traceable against fraudulent misuse of the cleaning documents.
- The fact that the same information is always in the same place on the cleaning document will facilitate its use by operators at loading points, by drivers etc.
- The use of the EFTCO Tank Cleaning Codes will make it easy for everybody to identify and understand which cleaning operations have been carried out to clean the tank.
- The EFTCO Tank Cleaning Codes are currently available in 21 European languages.

This provides a clear understanding of the cleaning document information for all users throughout Europe. ECDs are signed by both the driver and the cleaning station after checking the status of “cleanliness” of the recipient.

Definition of the EFTCO for “clean” is the following:

“A tank shall be described as clean when there are no visible traces or odor of the last product transported or cleaning agent, following an inspection via the man-lids”.

The validity of ECD: the responsibility for keeping the tank clean in accordance with the specifications of the ECD is transferred to the transport company when the tank leaves the cleaning station.
Tank- und Siloreinigung
4 Reinigungsbahnen, 15 Waschköpfe, Dampf, Containerabholung
beim Bahncontainerterminal Wels, Verpflegung, Dusche, Tank-
stelle, Reinigung einer umfangreichen Produktpalette inkl.
spezialer Problemprodukte – EXTRAS siehe www.uweg.at

Öffnungszeiten
Mo-Do 6 00 - 19 30
Fr 6 00 - 18 00

Quick and Clean
Zentral in Österreich

Tank- und Siloreinigung
4 Reinigungsbahnen, 15 Waschköpfe, Dampf, Containerabholung
beim Bahncontainerterminal Wels, Verpflegung, Dusche, Tank-
stelle, Reinigung einer umfangreichen Produktpalette inkl.
spezialer Problemprodukte – EXTRAS siehe www.uweg.at

Öffnungszeiten
Mo-Do 6 00 - 19 30
Fr 6 00 - 18 00

www.uweg.at
The cleaning stations distribute the copies of the ECD as follows:

- white copy (original): for the next loading point (via driver);
- yellow copy: for the driver;
- blue copy: for the cleaning station (to be kept);
- green copy (optional): to be sent with the invoice to the customer/transport company.

2 Reinigungsbahnen

Puratec Lebensmittel-Logistik

Unsere Leistungen:
- Hochdruckspülköpfe (40 und 100 bar)
- Steril-Dampferzeuger (100° C)
- lebensmittelrechtlich zugelassene Reinigungsmittel
- Spezifische, nach Kundenwünschen konzipierte Reinigungsprogramme
- Keimarme Trocknung der Transportbehälter durch UV-Bestrahlung der Luft
- Produktepflege

2 Reinigungsbahnen

Puratec Chemie-Logistik

- Entsorgung der Restchemikalien aus dem Transportbehälter
- Sichere und produktgerechte Zwischenlagerung in ASF-Behältern
- Produktspezifische Reinigungsmittel und -programme
- Abwasserflotationsanlage
- IBC-Reinigung und Entsorgung

Freie Kfz-Meisterwerkstatt:

Services für Auflieger und Fahrzeug:
- Fahrzeugdiagnosen, Reparaturen, Inspektionen, Elektrik, Pumpen- und Kompressortechnik
- DEKRA-Stützpunkt. Prüfservices nach Terminvereinbarung (HU, SP, ATP, Kessel, Hygiene)

Unser Service für Ihren Fahrer:
- Komfortable Aufenthaltsräume
- TV
- Küche, Snacks, Getränke
- Internetzugang
- Duschen, WC

Für jede Verschmutzung die saubere Lösung

Direkt an der A2, Ausfahrt 54 (Braunschweig-Hafen)
Für Tankfahrzeuge, Silofahrzeuge/Kipper, IBC-Container und Mehrwegverpackungen

Puratec Lebensmittel

Für jede Verschmutzung die saubere Lösung

Puratec Chemie

Mehrwegverpackungen

Für jede Verschmutzung die saubere Lösung

Puratec Chemie
One-Stop Service

Cleaning  Depot  Workshop

cotac Nederland B.V.  cotac Belgium NV  cotac France SARL
Oude Maasweg 44–50  Haven 200  5, Boulevard du Midi
3197 Kj Botlek (rt)  Transcontinentaalweg 10  76107 Rouen Cedex 1

cotac europe GmbH  cotac europe GmbH  cotac europe GmbH  cotac europe GmbH
Wendenstraße 414–424  Alte Heerstraße 2  Holländerstraße 1–7  Value Park Z 71
20537 Hamburg  41540 Dormagen  68219 Mannheim  06258 Schkopau

Customer Service: +49 621 8998 - 101 · info@cotac-group.com · www.cotac-group.com
All cleaning stations, which are members of EFTCO related national associations use the standardized EFTCO Cleaning Document (ECD) for the documentation of cleaning.

The ECD is European wide accepted and is using cross-linguistic EFTCO Codes, which provides a documentation of progressed tank cleaning and equipment accessories.

The ECD contains important information of tank cleaning for all partners in the supply chain and is understandable in different countries. This was achieved by introducing the EFTCO cleaning codes translated in 21 languages.

Those EFTCO Codes can easily be assimilated to new need of documentation and additional codes can be added. Actually we use more than 100 general EFTCO codes.

<table>
<thead>
<tr>
<th>EFTCO Code</th>
<th>Cleaning agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C01</td>
<td>Alkaline detergent</td>
</tr>
<tr>
<td>C10</td>
<td>Neutral detergent</td>
</tr>
<tr>
<td>C20</td>
<td>Acid detergent</td>
</tr>
<tr>
<td>C30</td>
<td>Caustic soda</td>
</tr>
<tr>
<td>C40</td>
<td>Hydrocarbon mixture</td>
</tr>
<tr>
<td>C41</td>
<td>Kerosene</td>
</tr>
<tr>
<td>C42</td>
<td>Fuel</td>
</tr>
<tr>
<td>C50</td>
<td>Organic acid</td>
</tr>
<tr>
<td>C60</td>
<td>Solvents</td>
</tr>
<tr>
<td>C61</td>
<td>Acetone</td>
</tr>
<tr>
<td>C62</td>
<td>MEK</td>
</tr>
<tr>
<td>C63</td>
<td>Butylacetate</td>
</tr>
<tr>
<td>C64</td>
<td>Latex remover</td>
</tr>
<tr>
<td>C80</td>
<td>Sanitising agent</td>
</tr>
<tr>
<td>C81</td>
<td>Hydrogen peroxide</td>
</tr>
<tr>
<td>C90</td>
<td>Antifoam</td>
</tr>
<tr>
<td>C95</td>
<td>Deodorizer</td>
</tr>
<tr>
<td>C99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>
### Extras

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E01</td>
<td>Tank entry</td>
</tr>
<tr>
<td>E03</td>
<td>Passivation</td>
</tr>
<tr>
<td>E04</td>
<td>Repair</td>
</tr>
<tr>
<td>E05</td>
<td>Degas</td>
</tr>
<tr>
<td>E10</td>
<td>Scouring</td>
</tr>
<tr>
<td>E15</td>
<td>Cleaning with handgun</td>
</tr>
<tr>
<td>E16</td>
<td>High pressure cleaning</td>
</tr>
<tr>
<td>E20</td>
<td>Brushing</td>
</tr>
<tr>
<td>E25</td>
<td>Recirculation Cleaning</td>
</tr>
<tr>
<td>E30</td>
<td>Steam drying</td>
</tr>
<tr>
<td>E35</td>
<td>Hot air drying</td>
</tr>
<tr>
<td>E36</td>
<td>Hot air drying: drying with air with T &gt;60°C</td>
</tr>
<tr>
<td>E40</td>
<td>Dip tube</td>
</tr>
<tr>
<td>E41</td>
<td>Collectors</td>
</tr>
<tr>
<td>E50</td>
<td>Hose cleaning</td>
</tr>
<tr>
<td>E51</td>
<td>Cleaning of hose box</td>
</tr>
<tr>
<td>E52</td>
<td>Cleaning of spill box</td>
</tr>
<tr>
<td>E55</td>
<td>Cleaning of ancillaries</td>
</tr>
<tr>
<td>E56</td>
<td>In- &amp; external hose cleaning over the full length with HP mole and draining the water out of the hose</td>
</tr>
<tr>
<td>E57</td>
<td>Internal hose box cleaning over the full length with a HP mole</td>
</tr>
<tr>
<td>E58</td>
<td>In- &amp; external cleaning of ancillaries and components having contact with the product (discharge curve, reduction parts, lock- and anti-return valves)</td>
</tr>
<tr>
<td>E60</td>
<td>Cleaning of airlines</td>
</tr>
<tr>
<td>E61</td>
<td>Cleaning of air connections</td>
</tr>
<tr>
<td>E62</td>
<td>Cleaning of air manifold</td>
</tr>
<tr>
<td>E63</td>
<td>Internal cleaning of the lower airline with cold water and blowing the residual water out of the line</td>
</tr>
<tr>
<td>E64</td>
<td>Internal cleaning of the upper airline with cold water and blowing the residual water out of the line</td>
</tr>
<tr>
<td>E65</td>
<td>Pump cleaning</td>
</tr>
<tr>
<td>E66</td>
<td>Cleaning of filter</td>
</tr>
<tr>
<td>E67</td>
<td>Cleaning of vibration mat</td>
</tr>
<tr>
<td>E68</td>
<td>Cleaning of rotary valve</td>
</tr>
<tr>
<td>E69</td>
<td>Cleaning of manlids</td>
</tr>
<tr>
<td>E70</td>
<td>Removal of manlid gasket</td>
</tr>
<tr>
<td>E71</td>
<td>Cleaning of manlid gasket</td>
</tr>
<tr>
<td>E72</td>
<td>External cleaning of the micro-filter in the airline and internal cleaning of the filter body</td>
</tr>
<tr>
<td>E75</td>
<td>Renewal of manlid gasket</td>
</tr>
<tr>
<td>E76</td>
<td>In- &amp; external cleaning of the air manifold with cold water and blowing the residual water out of the manifold</td>
</tr>
<tr>
<td>E77</td>
<td>Internal cleaning of the degassing valve with high pressure</td>
</tr>
<tr>
<td>E78</td>
<td>Cleaning with high pressure of fill- and discharge opening lids, rims included, lids and all joined parts</td>
</tr>
<tr>
<td>E79</td>
<td>Cleaning of all gaskets of all fill- and discharge openings</td>
</tr>
<tr>
<td>E80</td>
<td>Dismantling of ancillaries</td>
</tr>
<tr>
<td>E85</td>
<td>Removal of labels</td>
</tr>
<tr>
<td>E90</td>
<td>Sealing</td>
</tr>
<tr>
<td>E91</td>
<td>Cleaning station checked that the seals, with the numbers mentioned on the ECD, are applied properly on the tank. This does not imply any liability whatsoever on the part of the cleaning station.</td>
</tr>
<tr>
<td>E92</td>
<td>Steam heating</td>
</tr>
<tr>
<td>E93</td>
<td>Hot water heating</td>
</tr>
<tr>
<td>E94</td>
<td>Electrical heating</td>
</tr>
<tr>
<td>E95</td>
<td>Livery</td>
</tr>
<tr>
<td>E99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>

---

**XL Wash Regensburg**

*Nutzfahrzeugwäsche vom Profi*

---

**Alois Ederer GmbH**

Junkersstraße 3
93055 Regensburg

info@xl-regensburg.de
Tel.: +49 (0)941 7000 102
Fax: +49 (0)941 7000 104
Mo – Mi 07.00 – 20.00 Uhr
Do, Fr 07.00 – 21.30 Uhr
Sa 07.00 – 18.00 Uhr
Zertifikate: ECD (DVTI)
### Foodstuffs

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F01</td>
<td>Cleaning with potable water only</td>
</tr>
<tr>
<td>F50</td>
<td>Food approved detergent</td>
</tr>
<tr>
<td>F51</td>
<td>Food approved sanitizing agent</td>
</tr>
<tr>
<td>F60</td>
<td>Turbidity measurement</td>
</tr>
<tr>
<td>F61</td>
<td>Conductivity measurement</td>
</tr>
<tr>
<td>F62</td>
<td>ATP measurement</td>
</tr>
<tr>
<td>F63</td>
<td>pH-value measurement</td>
</tr>
<tr>
<td>F64</td>
<td>Membrane filter test</td>
</tr>
<tr>
<td>F65</td>
<td>Allergen test</td>
</tr>
<tr>
<td>F85</td>
<td>Sanitizing with hydrogen peroxide</td>
</tr>
<tr>
<td>F86</td>
<td>Sanitizing with peracetic acid</td>
</tr>
<tr>
<td>F98</td>
<td>Food approved Cleaning station</td>
</tr>
<tr>
<td>F99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>

### Procedures

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P01</td>
<td>Cold water spin</td>
</tr>
<tr>
<td>P02</td>
<td>Cold (T=ambient) water spin in a complete cleaning cycle</td>
</tr>
<tr>
<td>P09</td>
<td>Hot water spin (T&gt;80°C)</td>
</tr>
<tr>
<td>P10</td>
<td>Hot water spin (T&gt;60°C)</td>
</tr>
<tr>
<td>P11</td>
<td>Hot water spin (T&gt;40°C)</td>
</tr>
<tr>
<td>P15</td>
<td>CIP Cleaning</td>
</tr>
<tr>
<td>P20</td>
<td>Recleaning</td>
</tr>
<tr>
<td>P25</td>
<td>Toxic clean</td>
</tr>
<tr>
<td>P26</td>
<td>Kosher procedure</td>
</tr>
<tr>
<td>P27</td>
<td>Halal procedure</td>
</tr>
<tr>
<td>P30</td>
<td>Drying</td>
</tr>
<tr>
<td>P31</td>
<td>Drying with air at ambient Temperature</td>
</tr>
<tr>
<td>P40</td>
<td>Steaming</td>
</tr>
<tr>
<td>P50</td>
<td>Sanitisation with chemicals</td>
</tr>
<tr>
<td>P51</td>
<td>Sanitisation with steam</td>
</tr>
<tr>
<td>P52</td>
<td>Neutralisation</td>
</tr>
<tr>
<td>P60</td>
<td>Nitrogen purging</td>
</tr>
<tr>
<td>P61</td>
<td>CO₂ purging</td>
</tr>
<tr>
<td>P80</td>
<td>Vapour recovery</td>
</tr>
<tr>
<td>P99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>

### Handlings

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H01</td>
<td>Handling in</td>
</tr>
<tr>
<td>H50</td>
<td>Handling out</td>
</tr>
<tr>
<td>H60</td>
<td>Movement on chassis</td>
</tr>
<tr>
<td>H99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>
WEIDNER sets standards in the special cleaning equipments due to its innovation power and high quality. Over 40 years of experience enable a useful unlimited possibility on special cleaning systems.

Our professional tank interior cleaning equipment have already been delivered worldwide for various applications. Realizable are plants with cleaning capacity of 1-200 containers per day, shipping containers (20’ and 30’), road tankers (20’ und 30’) and railway wagons for liquid or pasty bulk freight.

Tests

<table>
<thead>
<tr>
<th>Code</th>
<th>Test Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T01</td>
<td>Visual</td>
</tr>
<tr>
<td>T02</td>
<td>Visual inspection: definition of clean (allowed from silo discharge opening)</td>
</tr>
<tr>
<td>T10</td>
<td>Inspection with tank entry</td>
</tr>
<tr>
<td>T20</td>
<td>pH neutral</td>
</tr>
<tr>
<td>T30</td>
<td>Outlet Temperature measured (T&gt;93°C)</td>
</tr>
<tr>
<td>T50</td>
<td>Air test</td>
</tr>
<tr>
<td>T60</td>
<td>LEL measurement</td>
</tr>
<tr>
<td>T61</td>
<td>Oxygen test</td>
</tr>
<tr>
<td>T90</td>
<td>Vacuum test</td>
</tr>
<tr>
<td>T99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>

Waste

<table>
<thead>
<tr>
<th>Code</th>
<th>Test Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W01</td>
<td>Residue</td>
</tr>
<tr>
<td>W50</td>
<td>Waste water treatment</td>
</tr>
<tr>
<td>W90</td>
<td>Prewash</td>
</tr>
<tr>
<td>W99</td>
<td>Miscellaneous</td>
</tr>
</tbody>
</table>

Your turn key supplier for special cleaning equipment

- High efficiency equipment
- Up to 30% faster in cleaning time
- More than 250 successful projects

www.weidner-cleaning.com
As part of the Food logistic chain, the European European Federation of Tank Cleaning Organisations (EFTCO) and their associated cleaning stations had already realized in 2013 their responsibility for food safety and food defence. The tank cleanings involved in food and food related transports have to fulfil the high quality standards of the industry.

Who else than EFTCO with 20 national associations covering 24 European countries could be able to achieve a network of 570 cleaning stations oblige that this service is carried out by professional and reliable partners?

Already 5 years ago, in 2013, EFTCO implemented the EFTCO FOOD ASSESSMENT and our members involved in food cleaning voluntarily added ca. 120 questions to their quality audit assessments related to clean food tanks.

The aim of the EFTCO FOOD ASSESSMENT was to integrate the European legislation as much as possible into the EFTCO FOOD questionnaire. During the compilation of the questionnaire the fact had to be taken into consideration that there are no special legal requirements for foodstuff cleaning. The aim was to achieve a practical solution, in which the interests of all parties i.e. the loading industry, the transport companies and the tank cleaning stations are taken into consideration.

A complete EFTCO Food Assessment consists of 3 parts:

1. SQAS core with general management, quality and safety questions
2. SQAS tank cleaning with general tank cleaning questions
3. EFTCO Food Assessment questionnaire with food specific questions

As the requirements of food cleaning has local and industrial differences, the assessments results are published to the industry. The quality evaluation can be done individually under observation of the individual industry demand.

140 cleaning stations participate the EFTCO Food Assessment until the end of 2017 and assessments results are released. Detailed assessment results can be made available by the cleaning stations, the owner of those reports.

Those assessed cleaning stations are allowed by EFTCO to use the “EFTCO Food Assessed Logo”.
Independent and approved assessor guarantee a high-quality information, as only qualified and approved assessors are nominated to execute those assessments.

It is foreseen to release and update 2018 version of the EFTCO FOOD ASSESSMENT Questionnaire to implement the received feedback from the industry to improve the assessment data and to adapt industry demands.

The EFTCO Food Assessment Questionnaire is actually available in 6 languages and is available in the download section of www.eftco.org

EFTCO announce those assessed cleaning station on their interactive European web site map of European Tank Cleaning Stations www.eftco.org/depots.

The EFTCO Food Assessment Questionnaire is actually available in 6 languages and is available in the download section of www.eftco.org
The uniform EFTCO Cleaning Document (formerly European Cleaning Document) (ECD) has been developed by EFTCO in co-operation with ECTA and CEFIC, in order to satisfy the needs of cleaning stations, transport companies and manufacturing companies.

The ECD is European wide accepted and is using cross-linguistic EFTCO Codes, which provides a documentation of progressed tank cleaning and equipment accessories. Those EFTCO Codes can easily be assimilated to new need of documentation and additional codes can be added.

Actually 13 codes are related to Foodstuffs and to be used in addition to the 103 existing general EFTCO codes.

**Foodstuffs**

- F01 Cleaning with potable water only
- F50 Food approved detergent
- F51 Food approved sanitizing agent
- F60 Turbidity measurement
- F61 Conductivity measurement
- F62 ATP measurement
- F63 pH-value measurement
- F64 Membrane filter test
- F65 Allergen test
- F85 Sanitizing with hydrogen peroxide
- F86 Sanitizing with peracetic acid
- F98 Food approved Cleaning station
- F99 Miscellaneous
All cleaning stations, which are members of EFTCO related national associations use the standardized EFTCO Cleaning Document (ECD) for the documentation of cleaning.

The ECD is a document common accepted as a proof that the tank cleaning was carried out as the customer requested, at a high-quality level and in respect of all legal, safety and environmental requirements. The ECD contains important information for all partners in the supply chain and is understandable in different countries. This was achieved by introducing the EFTCO cleaning codes translated in 21 languages.

EFTCO is the owner of the EFTCO Cleaning Document (ECD) which stands for the quality and legality of the tank cleaning. The minimum requirement for access to the ECD is supervised by EFTCO’s national associations.

The use of a uniform European document has important advantages for all parties involved:

- The document has the same form which can easily be distinguished from the falsifications.
- The use of a unique numbering system provides security and authentication traceable against fraudulent misuse of the cleaning documents.
- The fact that the same information is always in the same place on the cleaning document will facilitate its use by operators at loading points, by drivers etc.
- The use of the EFTCO Tank Cleaning Codes will make it easy for everybody to identify and understand which cleaning operations have been carried out to clean the tank.
- The EFTCO Tank Cleaning Codes are currently available in 21 European languages.

This provides a clear understanding of the cleaning document information for all users throughout Europe.

Future plans will make the ECD available in an electronical form and currently EFTCO is engage with their partners from Industry and ECTA to start the 2018 pilot for electronical ECD (EECD). After the pilot phase and during the European implementation, food industry will be invited to participate in digitalization.

It is the target to reduce industry complexity, allow better interoperability between industry and service partners, improve safety & process compliance and be able to decrease costs.

EFTCO with their 19 national associations covering 24 European countries is convinced that food safety and food defence needs a European approach. It is EFTCO’s vision to improve food cleanings and the preparation of transport tanks for food. The feedback communication with the entire food industry is a continuous challenge for EFTCO, their national members and all associated cleaning stations.
EFTCO

European Federation of Tank Cleaning Organisations

c/o CONSULTANK GmbH
Neue Große Bergstraße 20
22767 Hamburg

info@eftco.org
www.eftco.org