

The enhanced eECD 2.0 industry solution

electronic EFTCO Cleaning Document 2.0

It is time for a full digital transition with the eECD 2.0 hybrid solution, supported by **ECLIC** (European Chemical Logistics Information Council) as technology independent and not-for-profit organization.

The existing paper based **EFTCO Cleaning Document** or **ECD** with its 4 fold carbon paper copies, is no longer future proof and sustainable as industry practice. This paper ECD originated in 2005 by the 3 industry associations Cefic, ECTA and EFTCO and evolved as a chemical industry best practice solution.

Community

ECLIC together with 50+ companies consisting of **cleaners, carriers and shippers** have been **co-funding, and using** the eECD 1.0 prototype solution in a digital collaborative, closed loop process, since 2019.

Benefits of digital eECD?

- **Reduced product cross contaminations** through the means of digital transparency.
- **Reduced equipment rejects** at loading sites, automated cleaning pre-checks
- **Reduced admin costs** through digital automation
- **Increased sustainability** by replacing paper ECD's with a digital eECD process
- **Enhanced Responsible Care** thru digital transparency and cleaning data accuracy

Why eECD 2.0?



Within the existing eECD 1.0 process, all actors need to agree to work digitally together and share data in a closed loop process from cleaning, planning to loading an equipment. This existing collaborative process has the drawback that one actor can block the other in case an actor is not ready or is not willing to make the digital transition yet.

With the new eECD 2.0 process, the problem of coexistence between paper and digital is solved by **creating a "hybrid" document** with a unique QR code on a valid EFTCO paper copy, so each actor can decide to use the digital eECD 2.0 paper copy or the full enabled digital solution.

While paper ECD's are still the norm today, this upgrade towards the new **eECD 2.0 hybrid solution will allow a faster digital adoption and transition and strives for one uniform digital way of working across all actors in Europe**. The plan is to launch the eECD 2.0 solution as of Q2 2023. ECTA-EFTCO and Cefic-essenscia is encouraging it's members already now to prepare themselves for this eECD 2.0 solution.



For more info please check www.ecllic.eu or <mailto:info@ecllic.eu>

<p>Producers</p> 	<p>Transport and Logistics</p> 	<p>Tank cleaning</p> 
<p>ECLIC solution developers & active integrators</p> 		<p>Industry associations</p> 

Update sept 2022

The ECLIC digital collaboration community (september 2022)



Electronic EFTCO Cleaning Document

EECD 0000 0000 1948

EFTCO Original eECD – please check validity online via QR code and accept



<p>1 Cleaning station</p> <p>CleanCo1 NV west CLEANCO1 - CLEANING STATION WEST XXXX, P: +25 123456789 F: +3265 326598 www.eclíc.eu</p>		 123456789								
<p>2 Customer reference number</p>	<p>3 Internal reference</p>									
<p>4 Customer</p> <p>Transportco1 Transportlaan 101 B-2000 Antwerpen, BE</p>	<p>5 Identification numbers</p> <p>Equipment type: TANKTRAILER Equipment No: TECT111</p>									
<p>6 Nature of product</p> <p>CHEMICAL</p>		<p>7 Next load</p>								
<p>8 Previous load</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Comp</th> <th>UN N°</th> <th>Name</th> <th>EFTCO Code</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1234</td> <td>Food</td> <td></td> </tr> </tbody> </table>		Comp	UN N°	Name	EFTCO Code	1	1234	Food		<p>9 Cleaning procedures</p>
Comp	UN N°	Name	EFTCO Code							
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<p>10 Additional services</p>										
<p>11a Comments</p>		<p>11b eECD compliance score</p> <p>★★★★☆</p> <p><small>Relative information used digitalised via ECLIC:</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Cleaning</th> <th>Previous load</th> <th>Equipment</th> <th>Next load</th> </tr> </thead> <tbody> <tr> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table> <p><small>For more info: translate-ec/eftco/eECD code Please use the QR code for the latest eECD compliance score</small></p>	Cleaning	Previous load	Equipment	Next load	✓	✓	✓	✓
Cleaning	Previous load	Equipment	Next load							
✓	✓	✓	✓							
<p>12 Cleaner name</p> <p>Admin Cleanco1</p>		<p>13 Date, Time in: 09/08/2022 10:33 (UTC) Date, Time out: 09/08/2022 10:34 (UTC)</p>								
<p>The cleaning station and the driver confirm that the above service(s) to clean the tank have been carried out (see EFTCO definition of 'clean').</p>										
<p>14 Cleaning station</p> <p>Electronically signed XXXX NAME SUPERVISOR XXXX</p>		<p>15 Driver</p> <p>Tom</p>								
<p>Driver comments</p> <p>Driver comments</p>										

EFTCO Original eECD – please check validity online via QR code and accept
Document generated on: 09/08/2022 10:33 UTC
Document generated by: CleanCo1 NV west

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An example of the hybrid, paper & digital eECD 2.0 solution being developed through ECLIC as new industry best practice. This eECD 2.0 template is not yet final and is subjected to change as per planned developments.