



Neutral Fuels

Neutral Fuels - update

October 2022

ESMA Certification



UNITED ARAB EMIRATES MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY		الإمارات العربية المتحدة وزارة الصناعة والتكنولوجيا المتقدمة	
Schedule Of Certification بيان التسجيل SGS Gulf Limited جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology			
Certificate type:	ECAS	شهادة المطابقة الإماراتية	نوع الشهادة :
Certificate Number:	22-05-15163/E22-05-036764/NB0002		رقم الشهادة:
Valid Until:	22-May-2023		صالحة لغاية:

رقم التسلسلي	الاسم التجاري	رقم الطراز	تفاصيل المنتج	التقارير	المواصفات المطبقة	بلد المنشأ
S. No.	Brand Name	Model Number	Product Details	Report Ref. No.	Applicable Standards	Country of Origin
1	Neutral Fuels	Bio-Diesel (B100)	Neutral Fuels Bio Diesel -Bulk	Test Report No. 22119	UAE.S 5023:2018	United Arab Emirates
-NOTHING FOLLOWS-						

UNITED ARAB EMIRATES MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY		الإمارات العربية المتحدة وزارة الصناعة والتكنولوجيا المتقدمة	
شهادة مطابقة Certificate of Conformity SGS Gulf Limited			
		جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology	

Certificate Number:	22-05-15163/E22-05-036764/NB0002	رقم الشهادة:
Registration Date:	23-May-2022	تاريخ الاصدار:
Valid Until:	22-May-2023	صالحة لغاية:
Issued To:	Neutral Fuels LLC	أصدرت الى:
Address:	P.O.Box 450452, Dubai, United Arab Emirates	العنوان:

Section:	Petroleum	المشتقات النفطية	القسم:
Regulation:	Bio - Diesel	الديزل الحيوي	اللائحة:
Product Category:	Bio - Diesel	الديزل الحيوي	تصنيف المنتج:
Product Sub-Category:	Bio - Diesel	الديزل الحيوي	التصنيف الفرعي للمنتج:
Products details:	See Schedule of Certification	انظر بيان التسجيل المرفق	تفاصيل المنتجات:

This is an electronic certificate and does not require stamp and signature. To verify this certification please scan the QR-CODE. Any changes or modification on this certificate will affect its validity.			هذه الشهادة الكترونية ولا تحتاج إلى ختم وتوقيع، للتأكد من صحة الشهادة يرجى مسح رمز الإستجابة السريع أي كسب أو تغيير في هذه الشهادة يلغيها
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	-------------------------------------------------------------------------------------------------------------------------------------------------

Products listed in the attached Schedule of Certification are registered under the Emirates Conformity Assessment Scheme (ECAS) based on compliance to the Approved Standards			المنتجات المذكورة في بيان التسجيل الملحق مسجلة في نظام تقييم المطابقة الإماراتي (إيكاس) لمطابقتها المواصفات المعتمدة
This is an electronic certificate and does not require stamp and signature. To verify this certification please scan the QR-CODE. Any changes or modification on this certificate will affect its validity.			هذه الشهادة الكترونية ولا تحتاج إلى ختم وتوقيع للتأكد من صحة الشهادة يرجى مسح رمز الإستجابة السريع أي كسب أو تغيير في هذه الشهادة يلغيها

600565554

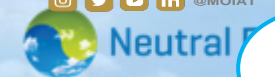
www.moiat.gov.ae

@MOIAT

600565554

www.moiat.gov.ae

@MOIAT




NEUTRAL FUELS INTEGRATED SOLUTION



Neutral Fuels offers a **fully-integrated, end-to-end solution** to:

- Collect waste oil,
- Convert it to biodiesel, and
- Supply local fleets with Net Zero® fuel.

Every step is supported by **purpose-built in-house technology**.

This presentation highlights the **value** of our technology solutions. 

Value proposition – UCO collection



The value of accurate data - digital waste cooking oil collection – automatic audit trail

Available on Apple IOS and Android

Deployed **since 3Q2020 in UAE on tablets given to McDonald's drivers**

All data is automatically uploaded to Neutral Fuels portal

The software and Recycled Oil Containers tracks the volumes accurately

Neutral Fuels uniquely provides a per store chemical analysis of the quality and quantity of oil collected, which restaurants can use to optimise oil usage and save money.

Neutral Fuels uses the German ISCC and NABISY certification to give a third party verified calculation of the carbon savings resulting from their collected oil.



App Store Preview

This app is available only on the App Store for iPhone.



Neutral Fuels - iCollect

Local waste into local biofuel
Neutral Software Limited

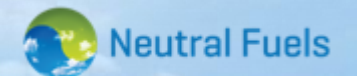
Free

iPhone Screenshots



Neutral Fuels Portal (ver. 2.11)

Remittance?	Delivery Date	Accepted by	Truck Regs	Driver Name	Driver Last Name	Delivery Comments
X	05/12/2021 12:51:13	Rahulan	H-8021	Sabeulah	Muthula	None
X	05/12/2021 13:00:19	Rahulan	S-11789	Javed	Ali	None
X	05/12/2021 13:33:21	Rahulan	L-64617	Babir	Zame-Gul Zame	None



WASTE OIL COLLECTION

Without Neutral Fuels

- X Collect in **buckets** and drums
- X Manual process, **paper-based**, typically cash payments
- X **No traceability** of the oil
- X Waste oil can go **down the drain** into the sewage system, **causing blockages**
- X Waste oil can go **back into the food chain**, causing illness and other **health issues**



Neutral Fuels Solutions



iCollect App

- Manage & request oil pickup
- Full traceability end-to-end
- Accurate records for payment
- Paperless Solution
- ISCC certified

ROC

Reusable Oil Container

- Uniquely identified
- SKU within QSR system
- Safe & easy oil handling
- Real-time location, oil level, and oil temp



Benefits

- 1 Less waste oil entering the sewer system**, going to the landfill, and/or going back into the food chain
- 2 Dashboard to identify locations not recycling** their waste oil
- 3 Safer and cleaner oil handling**
- 4 Automatic notifications** when & where oil is ready for collection
- 5 Fully auditable waste stream**, approved to international standards and global best practice



Neutral Fuels

WASTE OIL – ENHANCED REPORTING

Intelligent analytics to manage the oil collection portfolio:

- Flag locations not recycling oil or not recycling enough used oil based on their fresh oil
- ROC inventory management
- Oil volume per location



[CUSTOMER] WASTE OIL REPORT [Reporting Period]

EXAMPLE MONTH, YEAR: This month ended with 40,000 litres of UCO collected from 200 locations the Qiddiya development, with a fresh-to-waste oil return rate of 35%. 15 locations require investigation for enrollment, lack of participation, and/or too low return rate.

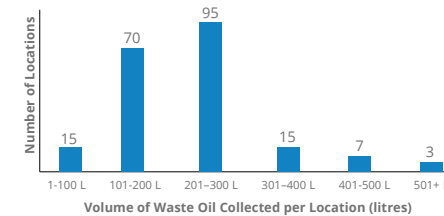
200 LOCATIONS SUBMITTED WASTE OIL THIS MONTH



Total Locations at Qiddiya: 210
Locations enrolled: 205
Submitted waste oil this month: 200

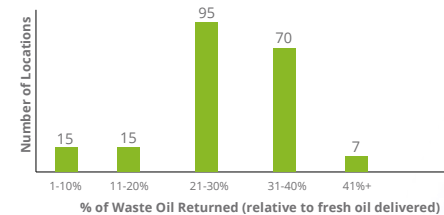
- Not yet enrolled:**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5
- No waste oil this m**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5

40,000 LITRES COLLECTED THIS MONTH



- Lowest Oil Volumes:**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5
- Highest Oil Volu**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5

35% AVERAGE RATE OF RETURN (FRESH OIL TO WASTE OIL) THIS MONTH



- Lowest Return %:**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5
- Highest % Return**
- Example 1
 - Example 2
 - Example 3
 - Example 4
 - Example 5



[CUSTOMER] ROC REPORT [Reporting Period]



XX
Lost/Damaged ROCs



XX
ROCs In Circulation

LOST ROCs		DAMAGED ROCs	
ROC Number	Store Number	ROC Number	Store Number

- Store circulating ROCs most frequently: **XX**
- Store circulating ROCs least frequently: **XX**
- Lost/Damaged ROCs YTD: **XX**
- Store involved with most lost/damaged ROCs: **XX** (w/ **xx** occurrences)



The ONLY approved destination for Used Cooking Oil in the Emirate of Abu Dhabi



To preserve In Country Value, Neutral Fuels has been appointed the **only** authorised and licensed recycler of UCO in the Emirate of Abu Dhabi.

Restaurants have been informed that they will be fined if they do not send their UCO to Neutral Fuels

See <https://www.tadweer.gov.ae/en/ESPacc/Pages/ESP.aspx?filter=4>



scrap trade, post control) to those ESPs operating in the Emirate.

Category: Type:

Region: Company Name:

registered company	No. of Commercial License	Location	Date of establishment	Email	Contact details
NEUTRAL FUELS WASTE MANAGEMENT - SOLE PROPRIETORSHIP L.L.C.	CN-3994849	Abu Dhabi	02/05/2021	kwf@neutralfuels.com	

Page Size



Page 1 Of 1



تصريح مزاولة مهنة إدارة نفايات Permit to Practice Waste Management

File No.	: ACC-01-21-414019	رقم الملف
License No.	: PMT-21-39041	رقم الرخصة
Trade License No.	: CN-3994849	رقم الرخصة التجارية
Company Name	: NEUTRAL FUELS WASTE MANAGEMENT - SOLE PROPRIETORSHIP L.L.C.	اسم المنشأة / الشركة
Issue Date	: 17/Jun/2021	تاريخ الإصدار
Exp. Date	: 01/May/2023	تاريخ الانتهاء

الأنشطة :

Permit Conditions :

Address :

Remarks :

وجهة معتمدة ومصدرة بدون توقيع أو ختم من مركز أبوظبي لإدارة النفايات
Approved document issued without signature or stamp by Abu Dhabi Waste Management Center

- التأكد من صحة البيانات المدخلة في النظام الإلكتروني.
- عدم نقل النفايات السائلة والمواد الخطرة من قبل جهة أخرى.
- عدم التخلص من النفايات السائلة والمواد الخطرة في البحر أو في أي مكان آخر غير المصرح به.
- إخراج النفايات السائلة والمواد الخطرة من قبل جهة أخرى.
- على الشركة إبلاغ مركز إدارة النفايات - أبوظبي عن أي تغيير يطرأ على المعلومات الواردة أعلاه.
- على الشركة التأكد من صحة البيانات المدخلة في النظام الإلكتروني.
- يتبع تصريح النفايات لمرور النفايات فقط دون التصرف على تصريح التصدير خارج إمارة أبوظبي.

قسم التراخيص والتعرفة



SMART BIODIESEL FUELING

Neutral Fuels Solutions

iFuel Intelligent Fuel Management System

- Secure fueling with assigned cards
- Online management of fuel consumption
- Accurate records for payment
- Paperless Solution



iLevel Tank Level Notifications

- Remotely monitor tank levels
- Auto dispatch for refilling

Benefits

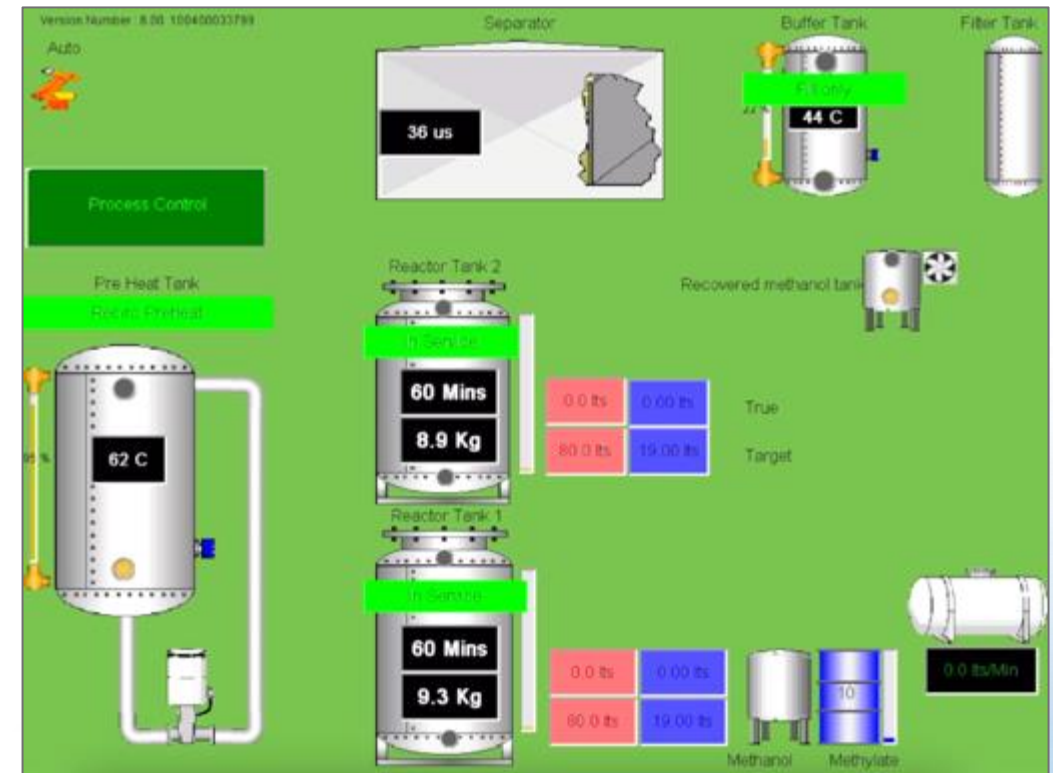
- 1 **Ensure fuel quality** and quantity during dispensing
- 2 **Prevent fuel theft**
- 3 **Save time** – avoid queues with Neutral Fuels' on-site tanks or mobile fueling
- 4 **Easy fleet management** of fuel consumption per truck/driver
- 5 **Fully auditable** and paperless

SMART & CONTROLLED PRODUCTION

Neutral Fuels offers digitally controlled machinery under 24-hour surveillance to ensure a highly controlled and secure biodiesel production process.

Other biodiesel producers use manual processes and analog machines. Neutral Fuels' solution has the following benefits:

- Remotely manage and control real-time production
- Higher yield, faster production
- Patent-pending technology
- City scale production of EN14214 compliant fuel



School bus sector

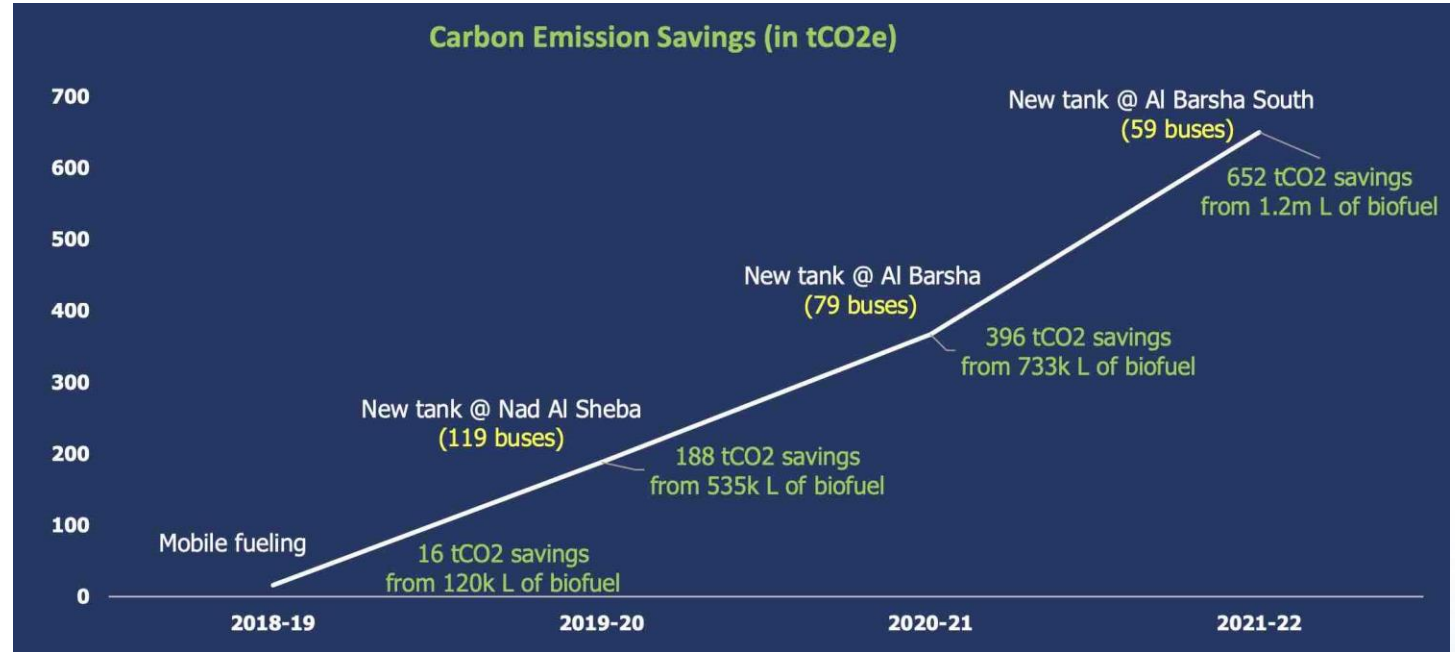


Currently biofueling **257** buses

= **14%** of Dubai fleet

Biofuel transporting **9,452** students

= **17%** of Dubai students



Marine sector

Neutral Fuels has successfully introduced marine biofuels in the Middle East

"Change in regulations from International Maritime Organization's Marine Environment Committee under regulation 18.3 MARPOL Annex VI now fully supports the use of biofuels" <https://www.biobased-diesel.com/post/use-of-marine-biofuel-set-to-increase-now-that-imo-has-removed-regulatory-hurdle>

Neutral Fuels offers four new ISO certified products

Marine Gas Oil blends	BioMGO 10, and BioMGO 20
VLSHFO blends	B10M, and B20M

Available at Dubai, Abu Dhabi, and Fujairah ports

Initial pilot trials :

ADNOC Logistics (from ADNOC port in Musafah)

Abu Dhabi Ports Safeen Feeders (from Abu Dhabi port)

Monjasa (served at sea from the Monjasa Server)



"On 9 March 2022, the Monjasa-owned tanker, Monjasa Server (9,600-dwt), went alongside the Great Eastern Shipping Company tanker, Jag Prerana, off Dubai and successfully supplied a total of 233 metric tonnes of B20 biofuel. Ahead of delivery, the product blending was performed on board the Monjasa Server. B20 biofuel blend consists of 20% biodiesel made exclusively from cooking oil waste and 80% VLSFO and meets ISO 8217 marine fuel standards." <https://monjasa.com/news-archive/new-biofuels-partnerships-and-first-supply-in-the-middle-east/>



"Switching to biofuels is a strategic pillar of ADNOC's Sustainability Strategy 2030. Supply and operations have been seamless and the reduction in our carbon footprint is a significant step towards meeting both our corporate environmental goals and those of the nation."
Captain Mohamed Al Ali, Senior Vice President Ship Management, ADNOC Logistics



"Captain [Ammar Al Shaiba](#), CEO Safeen Feeders, commented that 'As a preeminent company in the GCC maritime sector, meeting and exceeding our responsibilities to reduce our carbon emissions in line with the UAE's Vision and Strategy is core to AD Ports Group, and we are pleased to be able to utilise the skills and services of likeminded, environmentally sensitive companies in helping us to achieve our ambitions"

Headline results first half 2022

Neutral Fuels is growing

Major focus on expanding revenue while enhancing profitability

2Q2022 revenue up 54% on 1Q2022

Year on year revenue growth :

Dubai up 42%
Abu Dhabi up 85%

1H2022 = 91.4% of full year 2022 revenue

2022 target is to more than double 2021 revenue

Major focus areas for expansion :

School buses

Marine biofuels



Schools served in 1H2022



New customers added in 1H2022





Neutral Fuels