



## شهادة فنية

## TECHNICAL CERTIFICATE

Certificate Number :UNITEC-TC-22-243		Test Date: 11-09-2022
Customer Name:	M/S. TRUCKOMAN,	اسم العميل:
Manufacture Name:	M/S. Al Shirawi Equipment Company LLC.	اسم المصنع:
Project:	Inspection & Recertification	المشروع:
Type of vehicle	Chassis mounted tanker	طراز السيارة:
Vehicle registration no:	TO 2448 - 4584 ML	رقم تسجيل المركبة:
Chassis No.	ZTMB0230200003	رقم الشاسي:
Year of Manufacture:	2018	سنة الصنع:
Tanker Capacity	40,000 LTS	سعة النقل:
Material transported	Clean Crude Tanker	المواد المنقولة:
Color of the vehicle:	White with Red Strip	لون المركبة:
Type of Label & Hazard Signs fitted on Tank	03 no's hazard stickers available & found satisfactory	لون المنصقات وعلامات المواد الخطرة على الخزان:
The Tank, tanker connections & installation of the above vehicle have been investigated by our company.	الهندسة الفريدة للخدمات الفنية	تم فحص الخزان وجميع اتصالات للمركبة المذكورة أعلاه من قبل شركتنا
# External inspection with all required fitting is found ok. # The above specified tanker is found satisfactory in respect to manufactures specification & is hereby Authorized to transport the above-mentioned Material for 12 months. Inspection Date: 11-09-2022 Next Due Date: 10-09-2023		
تم فحص الخزان المذكور أعلاه من قبل شركتنا وقد تبين أنها مطابقة لمواصفات الشركة المصنعة وصالحة للاستخدام في نقل المواد المذكورة وذلك لمدة 12 أشهر. تاريخ الفحص: 11-09-2022 تاريخ الفحص القادم: 10-09-2023		
Inspected by:		تم تفتيشه من قبل:
Stamp of Company:		ختم الشركة



## HYDROSTATIC / PNEUMATIC TEST REPORT

Certificate No. UNITEC/HT/22/179	Test Date: 11-09-2022
Customer Name:	M/S. TRUCKOMAN
Manufacturer Name:	AL SHIRAWI EQUIPMENT COMPANY LLC
Project:	Inspection & Recertification
Vehicle No.	4584 ML - TO 2448
Chassis No.	ZTMB0230200003
Type of Vehicle	Chassis mounted Crude tanker.
Design Pressure:	1.50 Bar Max.
Test Pressure:	1.95 Bar.
Pressurized Medium	Water
Duration:	½ hour
Year of Manufacture:	2018
Tanker capacity:	40000 Its
Material transported:	Clean Crude Tanker
Color of the vehicle:	White with Red strip
Next inspection due date:	10-09-2023
Code of practice:	ASME Sec VIII Div. I
Remarks: Pressure test and visual inspection are found satisfactory. No leakage & no pressure drop were observed.	
Test Performed by:	Test Approved by:
Name:	Name:
Sign:	Sign:



**TO WHOM SO EVER IT MAY CONCERN**

Certificate Number: UNITEC/CG/22/178	Inspection Date: 11/09/2022 Due Date : 10/09/2023
Customer Name: M/S. TRUCKOMAN	

This is to certify that theoretically calculated center of gravity of 4584 ML (TO 2448), 40,000 LTS, clean crude oil Tanker combined with 1790 mm chassis (approx.) from ground level 1350 mm.

This certificate is valid for:

- Chassis Model / Chassis no - ZTMB0230200003/2018
- Manufacturer - M/s. Al Shirawi Equipment Company LLC.
- Tanker No - TO 2448 - 4584 ML

Parameters considered for C.G. calculations-

➤ Tank usable capacity:	40,000 LTS
➤ Content fuel:	Specific gravity 0.8342 g/cm <sup>3</sup>
➤ Chassis CG from ground:	1350 mm
➤ Tank CG from ground:	2520 mm
➤ Chassis Kerb (out to out tires):	3160 mm
➤ Dish Width:	2700 mm

# Tank is considered full to rated capacity.

# Center of gravity is calculated on weight and dimensions basis.

I hereby declare that the above information is correct and that the equipment has been Inspected and examined in according to requirements.

Inspected By	 Company stamp	Verified By
Technician Name:		QA/QC Engineer
Date: 11/9/22		Sign



## IGNITION TRANSFORMER INSPECTION REPORT

Report No: UNITEC/22/ITC/09	DATE: 11-09-2022
CLIENT NAME:	M/S. TRUCKOMAN
TANKER NO:	TO 2448 - 4584 ML
ITEM DESCRIPTION:	IGNITION TRANSFORMER
MANUFACTURER:	BALTUR, ITALY
MODEL NO:	BLT 26
CAPACITY:	230 V - 0.25 A - 50/60 Hz - 60 VA
TAG NO.	UNITEC/21/ITC/09
NEXT DUE DATE:	10-09-2023

### Observation:

- # The equipment checked & found in working range (187 - 255 V) & satisfactory during the inspection.
- # Reported results are valid at the time of testing with OEM standard condition of measurement.

This is to certify that above mentioned IGNITION TRANSFORMER connected through the primary cable is inspected and its results found satisfactory and meets with the user's requirement & specification and its installations are according to provisions & standard.

Inspected by:

Signature:

Date:

11-9-22



Note: Kindly report to the UniTec team after any kind of modification or changing in the system





## IGNITION TRANSFORMER INSPECTION REPORT

Report No: UNITEC/22/ITC/010	DATE: 11-09-2022
CLIENT NAME:	M/S. TRUCKOMAN
TANKER NO:	TO 2448 – 4584 ML
ITEM DESCRIPTION:	IGNITION TRANSFORMER
MANUFACTUER:	BALTUR, ITALY
MODEL NO:	BLT 26
CAPACITY:	230 V - 0.25 A - 50/60 Hz - 60 VA
TAG NO.	UNITEC/21/ITC/10
NEXT DUE DATE:	10-09-2023

## Observation:

- # The equipment checked & found in working range (187 - 255 V) & satisfactory during the inspection.
- # Reported results are valid at the time of testing with OEM standard condition of measurement.

This is to certify that above mentioned IGNITION TRANSFORMER connected Through the primary cable is inspected and its results found satisfactory and meets with the user's requirement & specification and its installations are according to provisions & standard.

Inspected by:

Signature:

Date:



Company stamp

Note: Kindly report to the Unitec team after any kind of modification or changing in the system

**TEMPERATURE GAUGE CALIBRATION**

Report No: UNITEC/22/TGC/005	Date: 11-09-2022	Next due date: 10-09-2023
CLIENT NAME:	M/s. TRUCKOMAN	
TANKER NO:	TO 2448 - 4584 ML	
ITEM DESCRIPTION:	Temperature gauge	
MANUFACTURER:	Hunter, Germany	
MODEL NO:	NA	
TOTAL RANGE:	0 °C to 300 °C	
SERIAL NO:	UNITEC/22/TGC/05	

The Instrument is checked with below reported readings:

Sr. No	1 <sup>st</sup> reading	2 <sup>nd</sup> reading	3 <sup>rd</sup> reading	4 <sup>th</sup> reading	5 <sup>th</sup> reading
STANDARD REQUIREMENT (°C)	29.6	88.8	119.2	180.3	220.2
UUC READING (°C)	30	89	120	180	220
ERROR (°C)	-6	-2	-8	+3	+2
ALLOWABLE	2.9	2.9	2.9	2.9	2.9
RESULTS	Accepted	Accepted	Accepted	Accepted	Accepted

**Observations:**

1. The instrument checked & found in working & satisfactory during the inspection.
2. The instrument is complying the requirement of user's scope.

I hereby declare that the above information is correct and that the equipment has been tested and examined in according to provisions & standard.

Inspected by:	
QA/QC	
Signature	
	Company stamp

Note: Kindly report to the UniTec team after any kind of modification or changing in the system.





## EARTH CABLE, COPPER ROD AND HAMMER CONFORMITY CERTIFICATE

Certificate No: UNITEC/CCHC/22/06

Date: 11-09-2021

This is certified that the earth cable, Copper rod & hammer for below detailed tanker:	
Customer Name:	M/S. TRUCKOMAN
Vehicle No:	TO 2448 - 4584 ML
Tanker Capacity:	40,000 lts
Item Description:	EARTH CABLE (2 no. 35mm), COPPER ROD (2 PCS) & HAMMER
Manufactured By:	NUHAN CABLE, MUSCAT
Test Date:	11-09-2021
Due Date:	10-09-2022

To eliminate the risk of incendive static spark discharges the API standard 2219: Safe Operation of Vacuum or crude oil Trucks in Petroleum Service recommends that vacuum truck operators transferring flammable and combustible product in hazardous locations must fully ground the truck prior to any other task in the transfer operation by connecting the truck to a proven ground source.

The EARTH CABLE (2 no. 35mm), COPPER ROD (2 PCS) & HAMMER ensure the working in good continuity in the circuit through the grounding clamp teeth, conductors and quick connect.

UNITEC have been tested as per in accordance with OEM instructions & Standard BS EN 60079-0:2009, IEC 60079-11:2006.

Results: Above Equipment results found satisfactory during the inspection time.

Inspected By

QA/QC Engineer

Sign



Company stamp

Notes: Kindly report to the Unifec team after any kind of modification or changing in the system.