

REBUILD BITUMEN TANK

A used tank container with a stainless steel barrel is used as basis for the rebuild bitumen tank container.

Before the modification starts the used tank is refurbished. The tank will be in good condition in regards to the barrel, frame, valves and other appendages.

After a pressure and hydro test, inspection of the frame and cladding, the modification process commences.



REBUILD BITUMEN TANK

Insertion off the flame tube heating system.

The first step is to implement a flame tube heating system.

When these pipes are installed, multiple test will done to ensure the complete integrity of the system.

The flame tube system is certified by Germanischer Lloyds and compatible with IMO/ADR/RID/USDOT regulations. The IMO2 / T3 / L2.65BN codes will be applicable.

New sleeves will be put in the pipes to prevent ware and tare of the original pipes.



Flame tube chimney outlet



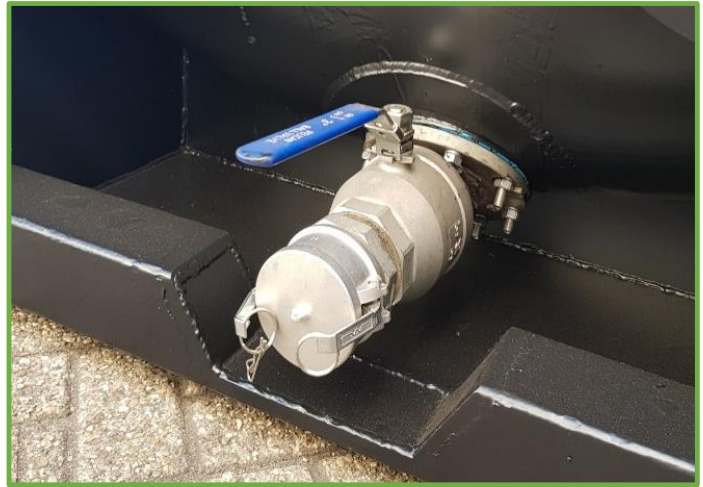
REBUILD BITUMEN TANK

Valve & temperature

A new 3" BSP bottom ball valve is installed. This is the most common valve used for bitumen products.

The valve is heat proof up to 300 degrees Celsius.

Camlock can be fitted and is optional.



Also a new temperature meter is installed which can indicate a temperature up to 250 Degrees Celsius.



Temperature measuring

Flame tubes for connection of the burners

3 inch BSP treated bottom outlet



REBUILD BITUMEN TANK

Top of the bitumen tank

Pressure relief valves are refurbished and installed. And of course set on the right settings.

The manlid and other valve are fitted with new gaskets.



Walkways, cladding (50mm thick) and frame are refurbished to an acceptable level for certification and cosmetic purpose as well.

All decals are replaced and the tank is painted in a black colour.

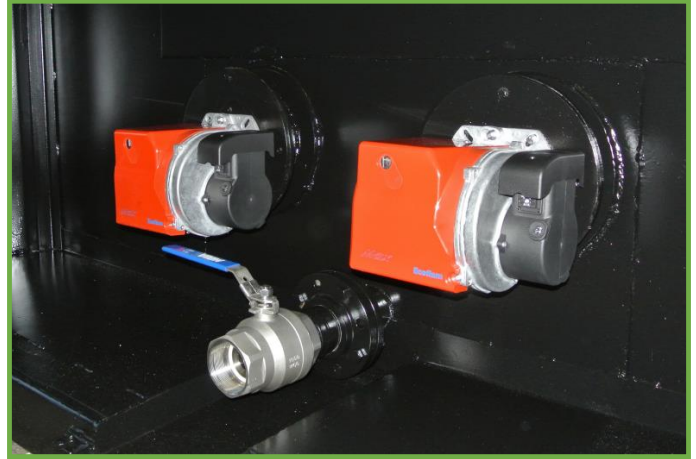


REBUILD BITUMEN TANK

Burners & cargo

The fully loaded tank can be heated within 10 hours.

These diesel burners can be transported inside the empty tanks or transported separate when the tank is loaded.



Bitumen tanks are dedicated to the bitumen cargo and the tanks are difficult to clean.

After unloading a residue will be left under the flame tubes and at the walls.



Because bitumen tanks are rebuilt from standard ISO tanks we can supply these units fast and unlimited from our depot in Moerdijk, The Netherlands.



REBUILD BITUMEN TANK

Because of the stainless steel barrel and high level of modification works, a lifespan is expected with normal use.

A 5 year certification is included with the tank issued by Germanischer Lloyds.

The type of tanks may differ but the modification is the same and so is the usage.



We have a wide range of bitumen transport products, please ask us for more information!



Meeberg ISO Tanks & Containers

Tel: +31(0) 88 2340603

info: sales@meeberg.com

www.meeberg.com

- ISO tank containers (chemical & food)
- Bitumen tank containers
- Box/shipping dry van containers
- Rebuild (modified) open top containers
- Depot tank & containers services
- ISO tank modifications & repairs
- Logistics services
- Tank Sales & Leasing

5 Year Periodic Test Certificate for ISO Portable Tank

This certifies that the under noted Tank Container / Portable Tank has been inspected in accordance with Lloyd's Register Container Certification Scheme and the regulations indicated below.

Place of Inspection:	THE NETHERLANDS, MOERDIJK, MEEBERG		
Owner:	MEEBERG ISO TANKS		
Operator/Lessor:	MEEBERG ISO TANKS	Owner's no.:	BITU 225027-3
Manufacturer:	CIMC, CHINA	Manufacturer's Serial No.:	NCSE 03T 00998
Type of Tank :	ISO Portable Tank	Tank Code	UN T3
Scope of Inspection :	Periodic Inspection 5 Year	Type Approval No.:	N.M.

Applicable regulations & Standards :	ADR, ISO 1496-3, ASME VIII : Div.1, RID, IMDG, AAR 600, TC IMPACT, CSC, TIR, UIC, IC70
Inspection Criteria :	EN 12972, LRCCS

Tank Information

Date of Manufacture:	07-2003
Max. Gross Weight (CSC Rating):	36000 kg
Tare Weight:	3780 kg
Capacity:	24000 L
Design Temperature:	-20 °C to 230 °C
Tank Test Pressure:	2,65 Bar(g)
Tank MAWP:	1,74 Bar(g)
External Pressure:	Bar(g)
Steam Coils – Test Pressure:	Not Fitted
Steam Coils – MAWP:	Not Fitted
Shell Material:	Stainless Steel
Shell Thickness:	6 mm
Head Material:	Stainless Steel
Head Thickness:	6 mm
Partition Thickness:	Not Applicable - Not Fitted
Equivalent Thickness (e0) :	6mm
Frame Dimensions (mm):	Length : mm Width : mm Height : mm

UN Numbers :

Safety Devices

	1 st	2 nd
Manufacturer:	PRV	
Serial no.:	FV	
Full flow rate:	0140653	
Set pressure:	8599 m ³ /s	
Vacuum setting:	2,18 Bar(g)	
Other device(s) details :		

Inspection Dates

Initial Hydrotest:	07-2003
Last Hydrotest:	10-2018
This Inspection Date:	04-2020
Due Next Inspection Date:	10-2022
Next Inspection Type :	Intermediate
Next CSC Inspection Date:	10-2022

Hydro Test / Leak Test

Hydro Test Details:	2,65 Bar(g) on 10/04/2020
Leak Test Details:	1 Bar(g) on 10/04/2020
Steam Coils Pressure	

Inspections

Documentation:	Not Applicable
Design Characteristics:	Not Applicable
Internal:	Acceptable - No Defects Noted
Indication of Corrosion:	Acceptable - No deterioration
External:	Acceptable - No Defects Noted
Service Equipment:	Acceptable
Safety Devices:	Acceptable - Witnessed by LR
Remote Closure / Stop:	Acceptable
Lining:	Not Applicable - Not Fitted
Insulation:	Yes
Frame:	Acceptable
Improper Frame Repairs:	No Repairs Noted
General Paint Condition:	Acceptable - In order
Nameplate / Decals:	P - 04-2020 LR
Dedicated Service ?	No

Additional Information / Remarks:

CSC: TC/LR/60361/20/06/03, RID/ADR: GB/TC/LR/60361, ISO CODE: 22K1, DISCHARGE: BOTTOM. B. VAN DER GRAAFF FOR F. BROXKS AND SELFISO Portable Tank Asset Number BITU 225027-3 inspected on 10-APR-2020 is suitable for service, subject to satisfactory maintenance, until the next inspection date specified above

Lloyd's Register Nederland B.V. are an Approved Tank Inspection Body Working under the Authority of the Netherlands Inspectie Leefomgeving en Transport



Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.