

Attachment H.1

- Bund Integrity Testing Report 2012 Fuel Oil Tanks
- Bund Integrity test flammable Store 2011
- Bund Integrity Testing Report 2013 Mobile units
- Application form Drawing 13 Materials handling & Storage
- Storage locations, segregation on site
- Waste Streams

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Bund Test Certificate

Company: G. Brass GmbH
Site: Finisklin Rd, Sligo
IPPC Ref No: 465
Bund No: 1
Bund Location: Outside of Tool Room
Bund Dimensions: 1800w x 3400l x 1400h mm
Hydrostatic Test Results
Bund Materials of Construction: Concrete Block
Bunding Lining Material: Plastic Sealant
Bund Retention Volume: 8m³
Primary Vessel 110% of Volume: 4.4m³
Bund Capacity Tested: 4.59m³
Dates of Test: 9th to the 15th of January 2012

Pass / fail:

Pass

Date	Reading	Time	Level (mm)
09/01/12	1	10.15am	750mm
10/01/12	2	1.30pm	750mm
11/01/12	3	1.00pm	750mm
12/01/12	4	2.00pm	750mm
13/01/12	5	2.00pm	750mm
14/01/12	6	2.30pm	750mm
15/01/12	7	3.00pm	750mm

Comments / Recommendations


As per BS 8007:1987(Section:9.2 Testing of structures. For a test of liquid retention)
 After the stabilising period the level of the liquid surface should be recorded at 24 hour intervals for a test period of 7 days. During this 7 day test period the total permissible drop in level should not exceed 1/500th of the average water depth of the fuel tank.

Signed: Michael Condron Date: 16/1/2012
 Michael Condron Env. Consultant

Michael Condron & Associates, QHE Managerial Services, Mill Rd, Kinlough, Co. Leitrim.

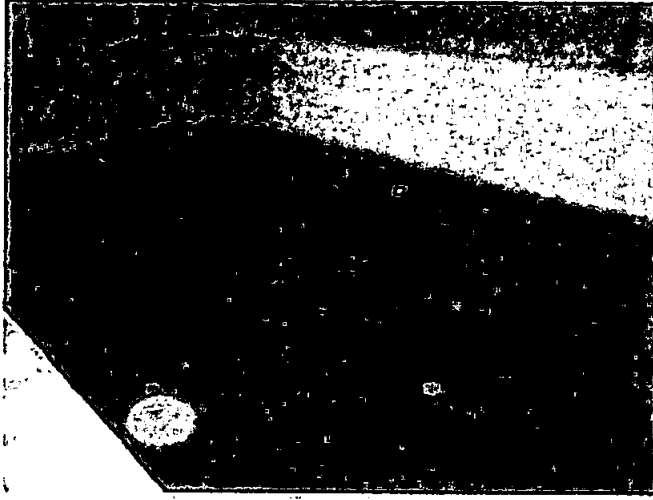
Data Sheet: Bunding Structures

Diesel Storage Tank No.1

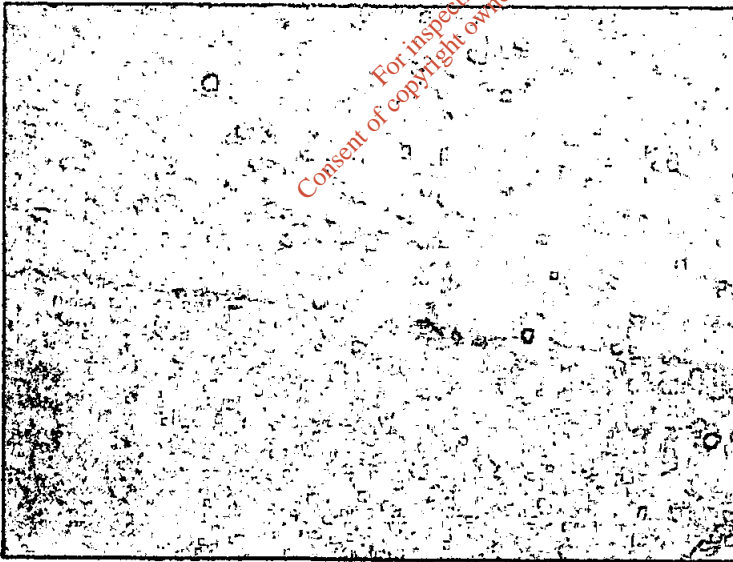
Company: G. Bruss GmbH		IPPC Ref No.: 465
Address: Finisklin Rd, Sligo		IPPC Cat: Chemicals (Elastomers)
Bund Ref No. Tank No.1	Bund Type: Local, Remote.	
Diesel - Covered Tank	Combined: Local	
Bund Location:	WGK (Wassergefährdungsklassen)	
Outside of Tool Room	(R Phrase): WGK Class: 2	
	Risk phrases: R40, R65, R66, R51/53	
Bund Dimensions:	Bund Materials of Construction:	
1800x1400x3400mm	Concrete Block on Flat	
Bunding Lining Material:	Bund Retention Volume: 8m ³	
Plastic Sealant	(Less 1/3 of primary Vessel)	
Primary Vessel Material of Construction: Mild Steel.	Primary Vessel Total Storage Volume: 4m ³	
Primary Vessel 110% of Volume 4.4m ³	Vessels 25% of storage Volume: N/A	
Deemed practicable / safe to conduct Hydrostatic Test Yes/No:		
If No give reasons:		
Date of Hydrostatic Test: 7 day test. 9 th to the 15 th of January 2012		
Description and results of Hydrostatic Test: BS8007:1987		
Dates of Visual inspection: 7 day test. 9 th to the 15 th of January 2012		
Description and Results of Visual Inspection: Visual Inspection results were excellent; the existing bund lining was removed along with plaster and replastered with new plastic sealant for bund lining. All piping underground was removed and repositioned over ground		
Recommendations: None		
Signed: 	Title / Position Env Engineer	Date: 16/01/12

Michael Condon & Associates, QHE Managerial Services, Mill Rd, Kinfough, Co. Leitrim

Bund No. 1



Water Level Bund No. 1



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Bund Test Certificate

Company: G. Brass GmbH
Site: Finisklin Rd, Sligo
IPPC Ref No: 465
Bund No: 2
Bund Location: Outside of Generator Room
Bund Dimensions: 1560w x 2030 l x 930h mm

Hydrostatic Test Results
Bund Materials of Construction: Concrete Block
Bunding Lining Material: Plastic Sealant
Bund Retention Volume: 2.9m³
Primary Vessel 110% of Volume: 1.1m³
Bund Capacity Tested: 1.26m³
Dates of Test: 9th to the 15th of January 2012

Pass / fail: Pass

Date	Reading	Time	Level (mm)
09/01/12	1	10.15am	400mm
10/01/12	2	1.30pm	400mm
11/01/12	3	1.00pm	400mm
12/01/12	4	2.00pm	400mm
13/01/12	5	2.00pm	400mm
14/01/12	6	2.30pm	400mm
15/01/12	7	3.00pm	400mm

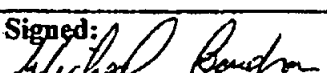
Comments / Recommendations
 As per BS 8007:1987(Section:9.2 Testing of structures. For a test of liquid retention)
 After the stabilising period the level of the liquid surface should be recorded at 24 hour intervals for a test period of 7 days. During this 7 day test period the total permissible drop in level should not exceed 1/500th of the average water depth of the fuel tank.

Signed: Michael Condon Date: 16/1/2012
 Michael Condon Env. Consultant

Michael Condon & Associates, QHE Managerial Services, Mill Rd, Kinelough, Co. Leitrim.

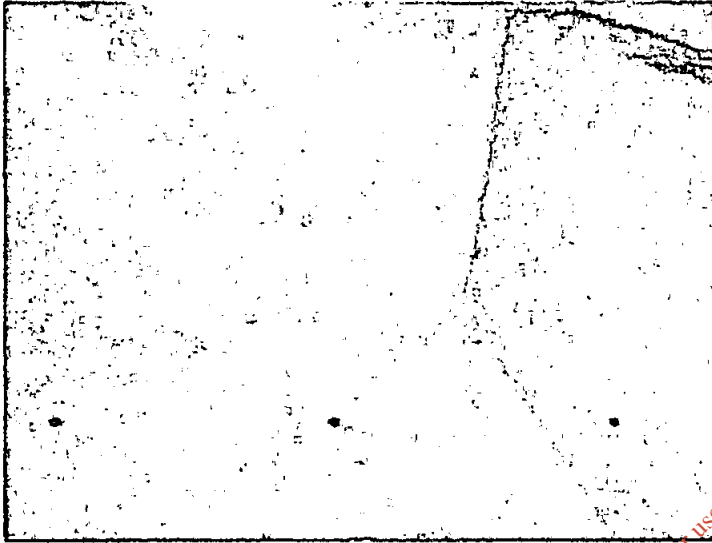
Data Sheet: Bunding Structures

Diesel Storage Tank No.2

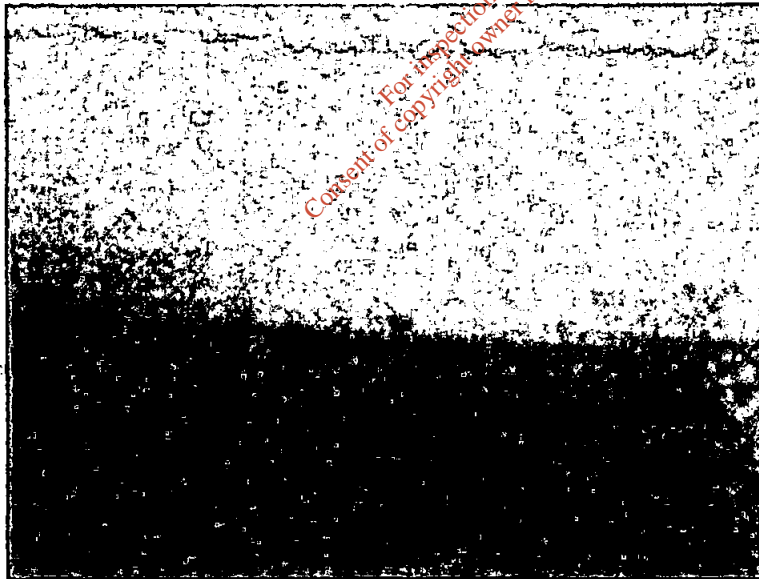
Company: G. Bruss GmbH	IPPC Ref No. 465	
Address: Finiskin Rd, Sligo	IPPC Cat: Chemicals (Elastomers)	
Bund Ref No. Tank No.2	Bund Type: Local, Remote.	
Diesel - Covered Tank	Combined: Local	
Bund Location: Outside of Generator Room	WGK (Wassergefährdungsklassen) (R Phrase): WGK Class: 2 Risk phrases: R40, R65, R66, R51/53	
Bund Dimensions: 1560x2030x930mm	Bund Materials of Construction: Concrete Block	
Bunding Lining Material: Plastic Sealant	Bund Retention Volume: 2.9m³ (Less 1/3 of primary Vessel)	
Primary Vessel Material of Construction: Plastic	Primary Vessel Total Storage Volume: 1m³	
Primary Vessel 110% of Volume 1.1m³	Vessels 25% of storage Volume: N/A	
Deemed practicable / safe to conduct Hydrostatic Test Yes/No:		
If No give reasons:		
Date of Hydrostatic Test: 7 day test. 9th to the 15th of January 2012		
Description and results of Hydrostatic Test: BS8007:1987		
Dates of Visual inspection: 7 day test. 9th to the 15th of January 2012		
Description and Results of Visual Inspection: Visual Inspection results were excellent; the existing bund lining was removed along with plaster and replastered with new plastic sealant for bund lining. All piping underground was removed and repositioned over ground		
Recommendations: None		
Signed: 	Title / Position Env Engineer	Date: 16/01/12

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Bund No 2



Water Level Bund No. 2





Raheen Industrial Estate
Limerick

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Bund Test Certificate.

Client: G. BRUSS GmbH Dichtungstechnik

Description / Model: FLAMMABLE STORE Model FS1.5

Bund Capacity: 330L

Bund Construction: Fully welded, leak tested, coated steel (3.0mm)

Bund Outlet: N/A

Methodology:
Day 1:
Bund cleaned of debris and any liquids.
Bund filled to brim with water.
Level of water in bund noted and level marked on bund wall.
Water allowed to stand for 24 hours.

Day 2:
Level of water in bund noted.
Bund emptied.

Test Date: 14/11/2011 – 15/11/2011

Result: PASSED

Tested By: Noel Gavin

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