

Facility Information Summary

AER Reporting Year	2013
Licence Register Number	P0465-01
Name of site	G.BRUSS GmbH
Site Location	Finisklin road, Sligo
NACE Code	2030
Class/Classes of Activity	5.7
National Grid Reference (6E, 6 N)	848457 542745

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

(1) - Energy Usage(Electricity) reduction by 11.1% in 2013, achieved through implementation of energy audit 2012 recommendations. Target exceeded and continuing into 2014. (2) - 1% increase in Hazardous waste due to consumption of additional fuel oil in 2013, up 20% , and the subsequent increase in waste oil (recycled). (3) - Significant reduction 29% in overall non-hazardous waste due to improved processing methods, reduction in consumables at finishing processes, reduction in contaminated rubber waste for disposal. (4) - Public water consumption significant increase reported due to repair of water meter by Sligo LA in 2013, correction in logging consumption. (5) - Reporting of Kg/Yr waste water to sewer BOD,COD, FOG, due to calculation error, correction in 2013.

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

Anna Garvey Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	31.03.2014 Date
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Air-Summary template			
Answer all questions and complete all tables where relevant			
LIC No:		PD465-01	Year
		2013	

Additional information	
1	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If you do not have licensed emissions and do not complete a solvent management plan (table A4 and A5) you do not need to complete the tables
	Yes
Annual Monitoring and Reporting only	

Periodic/Non-Continuous Monitoring	
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2	Are there any results in breach of licence requirements? If yes please provide brief detail in the comment section of Table A1 below
	No
3	Was all monitoring carried out in accordance with EPA guidance monitoring checklist?
	Yes
	AGNZ

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Frequency of Monitoring of	ELV in licence or any revision thereof	License Compliance criteria	Measured value	Unit of measurement	Compliant with reference limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
A-1	Particulate matter (PM10)	Annual		150 100 % of values < ELV	3.3	mg/Nm3	yes	CRM	0.00073	
A-2	Particulate matter (PM10)	Annual		150 100 % of values < ELV	9.9	mg/Nm3	yes	CRM	0.002	
A-3	Particulate matter (PM10)	Annual		150 100 % of values < ELV	2.16	mg/Nm3	yes	CRM	0.001	
A-4	Particulate matter (PM10)	Annual		150 100 % of values < ELV	0.9	mg/Nm3	yes	CRM	0.000029	

Note 1: Volumetric flow shall be included as a reportable parameter

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Air-summary template		LC No: P0465-01	Year	2013
Continuous Monitoring				

4	Does your site carry out continuous air emissions monitoring?	No
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If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT

Table A2: Summary of average emissions -continuous monitoring

Emission reference no.	Parameter/ Substance	ELV in licence or any revision therof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
	SELECT			SELECT						
	SELECT			SELECT						
	SELECT			SELECT						
	SELECT			SELECT						
	SELECT			SELECT						

note 1. Volumetric flow shall be included as a reportable parameter.

Table A3: Abatement system bypass reporting table

Date*	Duration** (hours)	Location	Reason for bypass	Impact magnitude	Corrective action

* this should include all dates that an abatement system bypass occurred

** an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you still need to complete table W1 and or W2 for storm water analysis and visual inspections

Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRIN Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments

*trigger values may be agreed by the Agency outside of licence conditions

Table W2 Visual Inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments

Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)

Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below

Was all monitoring carried out in accordance with EPA guidance and checklist for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box

External/Internal Lab Quality checks results checked

Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no	Emission released to	Parameter/ Substance/No 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (t/a)	Comments
SE1	Wastewater/sewer	COD	composite	Monthly	Monthly	500	All values < ELV	108.5	mg/l	yes	Other (Dichromate Reagent Digestion)	US EPA	HACH Method 8000	303.39	
SE1	Wastewater/sewer	BOD	composite	biannual	Monthly	200	All values < ELV	21.73	mg/l	yes	Other (Standard Method 5210 B)	US EPA	5210 B BOD5	60.67	
SE1	Wastewater/sewer	Extr, Oil, and Grease	composite	biannual	Monthly	15	All values < ELV	4.08	mg/l	yes	Gravimetric analysis	US EPA	5510 B	4.08	

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against CDS for Surface water or relevant receptor quality standards

Continuous monitoring

No

comport sampler, 48hr sample available, period monitoring

If yes please summarise your continuous monitoring data below in Table W6 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W6 below

No

Yes

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

No

Table W4: Summary of average emissions -continuous monitoring

Emission reference no:	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT
	ELV or trigger values in between or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedances in reporting year	Comments	

note 1: Volumetric flow shall be included as a reportable parameter

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Relevant emissions	Reason for bypass	Corrective action?	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

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Bund/Pipeline testing template

Lic No:

P0465-01

Year

2013

Bund testing

dropdown menu click to see options

Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B1 below listing all new bunds and containment structures on site, in addition to all bunds which failed the integrity test: all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licensed testing period (mobile bunds and chambers included)

1 Please provide integrity testing frequency period

Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chambers" type units and mobile bunds)

4 How many bunds are on site?

5 How many of these bunds have been tested within the required test schedule?

6 How many mobile bunds are on site?

7 Are the mobile bunds included in the bund test schedule?

8 How many of these mobile bunds have been tested within the required test schedule?

9 How many sumps on site are included in the integrity test schedule?

10 How many of these sumps are integrity tested within the test schedule?

Please list any sump integrity failures in table B1

11 Do all sumps and chambers have high level liquid alarms?

12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?

13 Is the Fire Water Retention Pond included in your integrity test programme?

Additional information

Yes	
3 years	
Yes	
27	
27	
25	
Yes	
25	
0	
0	
N/A	
N/A	
N/A	

Table B1: Summary details of bund /containment structure integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Integrity date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest (if in current reporting year)
MBZ1 NEW	Other (please specify)	Steel Reinforced Plastic	Mono Ethylene Glycol		1.899	1.32	Hydraulic test	15.07.2013	Yes	Pass				
SELECT						SELECT			SELECT	SELECT		SELECT		

* Capacity required should comply with 25% or 100% containment rate as detailed in your manual

Has integrity testing been carried out in accordance with licence requirements and are all structures tested

15 in line with BS8007/EPA Guidance?

16 Are channels/transfer systems to remote containment systems tested?

17 Are channels/transfer systems compliant in both integrity and available volume?

bundings and storage guidelines

Commentary

Yes	
SELECT	N/A
SELECT	N/A

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc? If yes please fill out table 2 below listing

1 all underground structures and pipelines on site which failed the integrity test and all which have not been tested within the integrity test period as specified

2 Please provide integrity testing frequency period

* please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
3 years	

Table B2: Summary details of pipeline/underground structures integrity test

Structure ID	Type system	Material of construction	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest (if in current reporting year)
BWH #305 to BWH#314	Process	concrete	No		CCTV	Yes	Fail	2m. Dislocated joints.	Part liner on each section	27.08.2013	Pass
BWH #345 to BWH #305	Process	PVC	No		CCTV	Yes	Fail	7m of pipeline dips holding water to 70% only	7m pipeline replaced	01.12.2013	Pass

Please use commentary for additional details not answered by tables/ questions above

Groundwater/Soil monitoring template	Lic No:	PO465-01	Year	2013
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1 Are you required to carry out groundwater monitoring as part of your licence requirements?	no	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretation as an additional section in this AFR
	no	
2 Are you required to carry out soil monitoring as part of your licence requirements?	no	Please enter interpretation of data here Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through AEDR as a licensee return AHD answer questions 5-12 below. Groundwater monitoring template 5 Is the contamination related to operations at the facility (either current and/or historic) 6 Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site 7 Please specify the proposed time frame for the remediation strategy 8 Is there a licence condition to carry out/update ELRA for the site? 9 Has any type of risk assessment been carried out for the site? 10 Has a Conceptual Site Model been developed for the site? 11 Have potential receptors been identified on and off site? 12 Is there evidence that contamination is migrating offsite? Initial Environmental Review
3 section	no	
Do you extract groundwater for use on site? If yes please specify use in comment	no	
Comments		

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Substance/Parameter	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration++	unit	GTVs*	SELECT**	Upward trend in pollutant concentration over last 5 years	SELECT

++ where average indicates arithmetic mean

++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Substance/Parameter	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTVs*	SELECT**	Upward trend in pollutant concentration over last 5 years	SELECT

Groundwater/Soil monitoring template		Lic No:	Year	2013
*Please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALEP as a licensee return or as otherwise instructed by the EPA. More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31).		Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2011).	Groundwater monitoring template	
**Depending on location of the site and proximity to other sensitive receptors Alternative Receptor Based Water Quality Standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), if the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS).		Surface water EQS	Groundwater regulations GTV's standards	Drinking water (public supply) standards
				Interim Guideline Values (IGV)

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Groundwater/Soil monitoring template

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Table 3: Soil results

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

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Environmental Liabilities template

Click here to access EPA guidance on Environmental Liabilities and Financial provision

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1	ELRA initial agreement status	SELECT	Commentary
2	ELRA review status	SELECT	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

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Environmental Management Programme/Continuous Improvement Programme template		Lic No:	P0465-01	Year	2013
Highlighted cells contain dropdown menu click to view		Additional Information			
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes			
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes			
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes			
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes			

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Energy Efficiency/Utility conservation	10% reduction in electricity consumption by end 2013.	70	Capital Investment - 6No. replacement Tempering Ovens, Refurbishment - inverters on prod. Machine motors, upgrade prod. Lighting energy efficient, Design - tooling: new concept using less material per part.	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	5%	70	Design - tooling: new concept using less material per part, reduction in downstream processing and energy use	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	5%	50	Heat Recovery - 2013 Business Unit 3 relocation within current site to provide optimum process efficiency in layout design. Installation of heat exchanger air delivery system in new location to utilise waste manufacturing heat previously lost through building. Plans being developed to reorganise production layout in further 2 Business Units during 2013 - 2015. Heat exchange to be considered where feasible in new design.	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Continuous Improvement Target - Organisational Environmental Awareness 2013 - 2014	50	Integration of ISO 14001 /IPC Licence conditions and production activities and targets. KPI (Key process indicator) and linewalk (key checks) activities introduced Dec 2013. Ongoing training with prod. Personnel 2014 on use of equipment and waste streams, awareness of licence conditions, compliance requirements to all personnel. Metric on open/closed actions by area 2014.	Section Head	Improved Environmental Management Practices

Noise monitoring summary report

Lic No: P0465-01

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1 Was noise monitoring a licence requirement for the AER period?

If yes please fill in table N1 noise summary below

Yes

2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?

Noise
Guidance
note NG4

Yes

3 Does your site have a noise reduction plan

No

4 When was the noise reduction plan last updated?

Enter date

5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location - NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
15.07.13	Daytime 17.17-18.20	61 Rathedmend	NSL1	46	41	48	41	No	N/A	Shooting, music from showgrounds	Yes
15.07.13	Night 11.00 - 11.30	61 Rathedmend	NSL1	36	33	37	33	No	N/A	Music from showgrounds	Yes
15.07.13	Daytime 12.17-13.25	School	NSL2	52	45	52	45	No	N/A	Traffic	Yes
15.07.13	Night 00.05 - 00.35	School	NSL2	44	40	48	40	No	N/A	Traffic	Yes
22.07.13	Daytime 14.57-15.30	NE corner site	NM3	60	54	60	54	No	N/A	Traffic	Yes
22.07.13	Night 23.39 - 23.42	NE corner site	NM3	58	53	60	53	No	N/A	Traffic	Yes
22.07.13	Daytime 17.17-18.20	site Entrance	NM4	60	55	61	55	No	N/A	Traffic	Yes
22.07.13	Night 11.00 - 11.30	site Entrance	NM4	53	52	53	52	No	N/A	Traffic	Yes

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

SELECT

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

PD465-01

Year

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Additional information

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

Is the site a member of any accredited programmes for reducing energy usage/water conservation

SEAI - Large
Industry Energy
Network (LIEN)

- 2 such as the SEAI programme linked to the right? If yes please list them in additional information

Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

3

2012	
No	
SELECT	Not applicable

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	51,541,299	45,828,564		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	6	10		
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Table R2 Water usage on site				Water Emissions		Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	225	2906					
Recycled water							
Total	225	2906					

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	15.594	0	12.489	2.136	0.969
Non-Hazardous (Tonnes)	333.57	124.93	0	208.64	0

2013

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PD45-01

LIC No:

Resource Usage/Energy efficiency summary

Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
16.08.2012	Improvement to Prod. Machine Motor Efficiency	Installation of Inverter Drives on Prod. Machines	energy audit	80	02.01.2013	Engineering	20.12.2013	complete
16.08.2012	Replacement of Open Cooling Tower system	Replacement with Closed Circuit system. Payback in 33 months.	energy audit	66	Sep-12	Engineering	Jan-13	complete

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry) please complete the following information

Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology				
Primary Fuel				
Thermal Efficiency				
Unit Date of Commission				
Total Starts for year				
Total Running Time				
Total Electricity Generated (GWh)				
House Load (GWh)				
KWh per Litre of Process Water				
KWh per Litre of Total Water used on Site				

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Complaints and incidents summary template		LC No:	PO65-01	Year	2013
Complaints		Additional information			
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 3 below					

Table 1 Complaints summary									
Date	Category	Other type (please specify)	Brief description of complaint (free list <20 words)	Corrective actions < 20 words	Resolution status	Resolution date	Further information		
SELECT	SELECT				SELECT				
SELECT	SELECT				SELECT				
SELECT	SELECT				SELECT				
SELECT	SELECT				SELECT				
SELECT	SELECT				SELECT				
Total complaints	Total new complaints received during reporting year	Total complaints received during reporting year	Total complaints closed during reporting year	Balance of complaints end of reporting year					

Incidents	Additional information	Yes	Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in table 2 below
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For information on how to report and what constitutes an incident	ATTN: HR DEPT
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[illegible]

Page 01	Year	2013
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1102

Additional Information

	No
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	Date
--	------

No.	
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e, as these will have been reported in your PTRR workbook)

[illegible]

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Waste types permitted for disposal	Authorised/Disposed annual totals for disposal (tons)	Actual totals for disposal in reporting year (tons)	Remaining licensed capacity at end of reporting year (tons)	Comments

Case	Case description	Case description	Case description	Case description	Case description
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
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WASTE SUMMARY	Lic No:	PA65-01	Year	2013
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Table 4 Environmental monitoring-landfill only

Year +	Was landfill fine monitored in compliance with (LB) standard in reporting year	Was landfill fine monitored in compliance with (LB) standard in reporting year	Was SVF monitored in compliance with (LB) standard in reporting year	Have (1) W storage bins been established	Were emission limit values agreed with the Agency (ELVa)	Was the statement under SS3(A)(5) of WIAA been submitted in reporting year	Comments

Table 5 Capping-Landfill only

Area occupied ⁹	Area with temporary cap	Area with final cap to LL standard met km. 0	Area capped other	Area with waste that coupled to date under licence	What materials are used in the cap	Comments

Table 6 Leachate-Landfill only

9 Is leachate released to surface water? If yes please complete leachate mass load information below

SELECT
SELECT

Volume of leachate in reporting year(m ³)	Leachate (H+H) mass load (kg/annum)	Leachate (C+H) mass load (kg/annum)	Leachate (H+H) mass load (kg/annum)	Leachate (C+H) mass load (kg/annum)	Leachate treatment on-site	Leachate treatment off-site	Comments

Please ensure that all information reported in the Landfill gas Survey is consistent with the information reported in the Landfill gas Survey submitted in compliance with Part 11 of the Regulations.

Gas (Captured & Treated by LFGT System m ³)	Power generated (kWh / KWh)	Used on-site or to national grid	Was surface condenser monitoring performed during the reporting year?	Comments

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Environmental Protection Agency

[PRTR# : P0465 | Facility Name : G. Bruss GmbH Dichtungstechnik | Filename : PO465-01 2013 AER Emission Data.xls | Return Year : 2013]

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR 2013

1. FACILITY IDENTIFICATION

Parent Company Name	G. Bruss GmbH Dichtungstechnik
Facility Name	G. Bruss GmbH Dichtungstechnik
PRTR Identification Number	P0465
Licence Number	P0465-01

Waste or IPPC Classes of Activity

No.	class_name
5.7	The manufacture of paints, varnishes, resins, inks, dyes, pigments or elastomers where the production capacity exceeds 1,000 litres per week, not included in paragraphs 5.12 to 5.17.
5.7	The manufacture of paints, varnishes, resins, inks, dyes, pigments or elastomers where the production capacity exceeds 1,000 litres per week, not included in paragraphs 5.12 to 5.17.

Address 1	Bruss
Address 2	Finisklin Road
Address 3	Sligo
Address 4	
	Sligo
Country	Ireland
Coordinates of Location	-8.48457 54.2745
River Basin District	IEWE
NACE Code	2030
Main Economic Activity	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
AER Returns Contact Name	Anna Garvey
AER Returns Contact Email Address	annagarvey@bruss.ie
AER Returns Contact Position	Environmental Manager
AER Returns Contact Telephone Number	00353719156342
AER Returns Contact Mobile Phone Number	00353863859477
AER Returns Contact Fax Number	00353719169352
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours In Year	5840
Number of Employees	302
User Feedback/Comments	Emission values waste water to Sewer, BOD, COD >50% discrepancy from 2012, calculation error correction in place reporting 2013.
Web Address	http://www.bruss.de

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General

4(a)	Simple hydrocarbons (linear or cyclic, saturated or unsaturated, aliphatic or aromatic), Oxygen-containing hydrocarbons such as alcohols, aldehydes, ketones, carboxylic acids, esters, acetates, ethers, peroxides, epoxy resins, Nitrogenous hydrocarbons such as amines, amides, nitrous compounds, nitro compounds or nitrate compounds, nitriles, cyanates, isocyanates, Synthetic rubbers, Phosphorus-containing hydrocarbons, Halogenic hydrocarbons, Organometallic compounds, Basic plastic materials (polymers, s
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3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption?	
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE**Guidance on waste imported/accepted onto site**

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	No
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4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : P0465 | Facility Name : G. Bruss GmbH Dichtungstechnik | Filename : P0465-01 2013 AER Emission Data.xls | Return Year : 2013 |

05/04/2014 15:47

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS		RELEASES TO WATERS					Please enter all quantities in this section in KGs		
No. Annex II	POLLUTANT	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	QUANTITY		
							T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS		RELEASES TO WATERS					Please enter all quantities in this section in KGs		
No. Annex II	POLLUTANT	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	QUANTITY		
							T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)		RELEASES TO WATERS					Please enter all quantities in this section in KGs		
Pollutant No.	POLLUTANT	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	QUANTITY		
							T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Consent to publish for inspection purposes only.
Consent to publish required for any other use.

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)
[Link to previous years emissions data](#)
[Link to previous years emissions data](#)

SECTION A : PTRR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTEWATER TREATMENT OR SEWER		Please enter all quantities in this section in KGs			
No. Annex B	POLLUTANT	METHOD		QUANTITY	
		Method Code	Designation or Description	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year
		M/C/E		0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTEWATER TREATMENT OR SEWER		Please enter all quantities in this section in KGs			
Pollutant No.	POLLUTANT	METHOD		QUANTITY	
		Method Code	Designation or Description	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year
306	COD	M	Method Used HACH Method 8000,	303.398	0.0
303	BOD	M	Dichromate Reactor	60.679	0.0
314	Fats, Oils and Greases	M	5210B BOD5 Gravimetric Analysis	4.068	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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Physische Facility: Umeå IT Högskola i Umeå, 2013
 Projekt: 2013-2014

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SECTION A : PATR POLLUTANTS

• Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

RELEASES TO LAND

• Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Name and Licence/Permit No of Destination Facility Non-Haz Waste: Name and Licence/Permit No of Recover/Depositor	Name and Licence / Permit No. and Address of Final Recoverer / Depositor (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination (i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY))
						M/C/E	Method Used				
To Other Countries	06 02 04	Yes	0.682	sodium and potassium hydroxide	R12	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Kylemore Road,Unit 1 A Allied Ind Est,Dublin,Dublin 10,Ireland	ES (UK) Ltd,CB/EP3195BG,Bridges Road,Ellesmere Port,South Wirral,Cheshire CH65 4EQ,United Kingdom
To Other Countries	07 02 08	Yes	4.872	other still bottoms and reaction residues	R12	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Kylemore Road,Unit 1 A Allied Ind Est,Dublin,Dublin 10,Ireland	Bridges Road,Ellesmere Port,South Wirral,Cheshire CH65 4EQ,United Kingdom
Within the Country	07 02 99	No	3.134	wastes not otherwise specified	D1	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	CH65 4EQ,United Kingdom
To Other Countries	07 02 99	No	188.9	wastes not otherwise specified	R3	M	Weighed	Abroad	Rubber Recovery Ltd,NCC/E/VHE001	Shaton,Barnsley 572 BSP,United Kingdom	ES (UK) Ltd,CB/EP3195BG,Bridges Road,Ellesmere Port,South Wirral,Cheshire CH65 4EQ,United Kingdom
Within the Country	07 02 99	No	2.187	wastes not otherwise specified	R12	M	Weighed	Offsite in Ireland	Eco-Safe Systems Ltd (SRCL),54-2	Allied Ind Est,Dublin,Dublin 10,Ireland	ES (UK) Ltd,CB/EP3195BG,Bridges Road,Ellesmere Port,South Wirral,Cheshire CH65 4EQ,United Kingdom
Within the Country	13 02 08	Yes	2.136	other engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,WO184-1	Clonminam Ind. Est,*,*,Portlaoise Co Laois,*,Ireland	Enva Ireland Ltd,WO184-1,Clonminam Ind Estate,*,*,Portlaoise Co. Laois,*,Ireland
Within the Country	20 01 39	No	6.9	plastics	R3	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	CH65 4EQ,United Kingdom
To Other Countries	15 01 10	Yes	0.539	packaging containing residues of or contaminated by dangerous substances absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by	R12	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Allied Ind Est,Dublin,Dublin 10,Ireland	Recyfuel,0459 735 458,Z.I. Ehein,*,Engis,4480,Belgium
To Other Countries	15 02 02	Yes	4.91	dangerous substances	R12	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Kylemore Road,Unit 1 A Allied Ind Est,Dublin,Dublin 10,Ireland	Recyfuel,0459 735 458,Z.I. Ehein,*,Engis,4480,Belgium
To Other Countries	16 10 01	Yes	0.267	aqueous liquid wastes containing dangerous substances	R12	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Kylemore Road,Unit 1 A Allied Ind Est,Dublin,Dublin 10,Ireland	Recyfuel,0459 735 458,Z.I. Ehein,*,Engis,4480,Belgium
Within the Country	17 04 05	No	1.2	iron and steel	R4	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	Umweltservice Lindenschmidt KG,AZ:54.1.21-2.970.11,Krombacher Strasse 42-46,*,Kreuztal-Krombach,57223,Germany
Within the Country	20 01 08	No	2.76	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	Umweltservice Lindenschmidt KG,AZ:54.1.21-2.970.11,Krombacher Strasse 42-46,*,Kreuztal-Krombach,57223,Germany
To Other Countries	16 05 04	Yes	0.06	gases in pressure containers (including halons) containing dangerous substances discarded electrical and electronic equipment other than those mentioned in 20	D10	M	Weighed	Abroad	Eco-Safe Systems Ltd (SRCL),54-2	Kylemore Road,Unit 1 A Allied Ind Est,Dublin,Dublin 10,Ireland	AGR GmbH Herten,190205,Emscherbruch 11,*,Herten,45899,Germany
Within the Country	20 01 36	No	0.72	01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	Emscherbruch 11,*,Herten,45899,Germany
Within the Country	20 01 01	No	6.7	paper and cardboard	R3	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	Emscherbruch 11,*,Herten,45899,Germany
Within the Country	20 03 01	No	121.8	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	BARNA Waste,WCP-MO-08-0604-01	Carowbrowne,Headford Road,Gahway,*,Ireland	Emscherbruch 11,*,Herten,45899,Germany

* Select a row by double-clicking the Description of Waste then click the delete button