

Facility Information Summary

AER Reporting Year	2016
Licence Register Number	W0267-01
Name of site	Hi-Volt Ireland Ltd
Site Location	Ballyduff, Thurles, Co. Tipperary
NACE Code	3812
Class/Classes of Activity	4.13
National Grid Reference (6E, 6 N)	

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.

Acceptance and transfer of scrap metal and scrap batteries only.

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.

A.Russell

Signature

Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

31/03/2017

Date

Answer all questions and complete all tables where relevant

No	Additional information
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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

Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

SELECT	
SELECT	

3 Was all monitoring carried out in accordance with EPA guidance [monitoring checklist](#) note AG2 and using the basic air monitoring checklist? [AGN2](#)

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

AIR-summary template	Lic. No: W0267-01	Year	2016
Continuous Monitoring			

4 Does your site carry out continuous air emissions monitoring?
 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)

	SELECT
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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

Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	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					

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

Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

<p>Table A4: Solvent Management Plan Summary Total VOC Emission limit value</p>			
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Compliance
		Total VOC emissions as % of solvent input	
		Total Emission Limit Value (ELV) in licence or any revision thereof	
			SELECT
			SELECT

Please refer to linked solvent regulations to complete table 5 and 6

<p>Table A5: Solvent Mass Balance summary</p>						
(I) Inputs (kg)			(O) Outputs (kg)			
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Total emission of Solvent to air (kg)
						Total

SELECT

Total

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 only need to complete table W1 and or W2 for storm water analysis and visual inspections	Additional information
NO	
Yes	

1. 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	PRTR 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
SA01	onsite	SELECT	COD	08/02/2016	All values < ELV	All values < ELV	10	mg/L	yes	
SA01	onsite	SELECT	pH	08/02/2016	All values < ELV	All values < ELV	7.7	pH units	yes	
SA01	onsite	SELECT	Mineral oils	08/02/2016	All values < ELV	All values < ELV	<10	µg/L	yes	
SA01	onsite	SELECT	Suspended Solids	08/02/2016	All values < ELV	All values < ELV	91	mg/L	yes	
SA01	onsite	SELECT	COD	11/04/2016	All values < ELV	All values < ELV	20	mg/L	yes	
SA01	onsite	SELECT	pH	11/04/2016	All values < ELV	All values < ELV	7.6	pH units	yes	
SA01	onsite	SELECT	Mineral oils	11/04/2016	All values < ELV	All values < ELV	<10	µg/L	yes	
SA01	onsite	SELECT	Suspended Solids	11/04/2016	All values < ELV	All values < ELV	78	mg/L	yes	
SA01	onsite	SELECT	COD	18/08/2016	All values < ELV	All values < ELV	21	mg/L	yes	
SA01	onsite	SELECT	pH	18/08/2016	All values < ELV	All values < ELV	7.6	pH units	yes	
SA01	onsite	SELECT	Mineral oils	18/08/2016	All values < ELV	All values < ELV	<10	µg/L	yes	
SA01	onsite	SELECT	Suspended Solids	18/08/2016	All values < ELV	All values < ELV	27	mg/L	yes	
SA01	onsite	SELECT	COD	24/11/2016	All values < ELV	All values < ELV	35	mg/L	yes	
SA01	onsite	SELECT	pH	24/11/2016	All values < ELV	All values < ELV	8.3	pH units	yes	
SA01	onsite	SELECT	Mineral oils	24/11/2016	All values < ELV	All values < ELV	<10	µg/L	yes	
SA01	onsite	SELECT	Suspended Solids	24/11/2016	All values < ELV	All values < ELV	21	mg/L	yes	
SA01	onsite	SELECT	COD	13/12/2016	All values < ELV	All values < ELV	23	mg/L	yes	
SA01	onsite	SELECT	pH	13/12/2016	All values < ELV	All values < ELV	8.2	pH units	yes	
SA01	onsite	SELECT	Mineral oils	13/12/2016	All values < ELV	All values < ELV	<10	µg/L	yes	
SA01	onsite	SELECT	Suspended Solids	13/12/2016	All values < ELV	All values < ELV	130	mg/L	yes	

*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
			SELECT		
			SELECT		

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

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	SELECT	Additional information
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4

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

Emission reference no:	Emission released to	Parameter/ Substance/Note 1	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^(note 2)	License Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT			SELECT	SELECT	SELECT			

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 EQDS for Surface water or relevant receptor quality standards

Continuous monitoring

5 Does your site carry out continuous emissions to water/sewer monitoring?

No

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

SELECT

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

SELECT

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

SELECT

Table W4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence 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 exceedences in reporting year	Comments
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT					
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template

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 Chemstore included)

1. Please provide integrity testing frequency period

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

3. How many bunds are on site?

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

5. How many mobile bunds are on site?

6. Are the mobile bunds included in the bund test schedule?

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

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

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

10. **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 fail-safe systems included in a maintenance and testing programme?

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

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	Test 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)
	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

*Capacity required should comply with 25% or 30% containment rule as detailed in your licence
 14. Are bunds carried out in accordance with licence requirements and are all structures tested in line with BS6007/BSA Guidelines
 15. Are chemical/transfer systems to remote containment systems tested?
 16. Are chemical/transfer systems compliant in both integrity and available volume?
 17. Are chemical/transfer systems compliant in both integrity and available volume?

Commentary

SELECT
SELECT
SELECT

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)

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?	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

Results of retest

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

Groundwater/Soil monitoring template Lic No: W0267-01 Year 2016

		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	
2	Do you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? if yes please specify use in comment section	no	
4	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 ALDER as a licensee return AND answer questions 5-12 below.	no	
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
7	Please specify the proposed time frame for the remediation strategy	N/A	
8	Is there a licence condition to carry out/update ELRA for the site?	yes	
9	Has any type of risk assessment been carried out for the site?	yes	
10	Has a Conceptual Site Model been developed for the site?	N/A	
11	Have potential receptors been identified on and off site?	N/A	
12	Is there evidence that contamination is migrating offsite?	N/A	

Please enter interpretation of data here

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 AER

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	Upward trend in pollutant concentration over last 5 years of monitoring data
Monthly	GW1	pH		Biannually	8.4	8.4	SELECT	N/A	no
Monthly	GW1	Conductivity		Biannually	530	405	SELECT	800-1875	no
Monthly	GW1	Chloride		Biannually	20	18	mg/l	24-187.5	no
Monthly	GW1	Total Ammonia		Biannually	0.18	0.1165	mg/l	N/A	no
Monthly	GW1	Total Nitrogen		Biannually	4.6	1.6	mg/l	N/A	no
Monthly	GW1	Calcium		Biannually	76	71	mg/l	N/A	no
Monthly	GW1	Potassium		Biannually	5.9	1.5	mg/l	N/A	no
Monthly	GW1	Magnesium		Biannually	31	29	mg/l	N/A	no
Monthly	GW1	Sodium		Biannually	14	11.95	mg/l	150	no
Monthly	GW1	Boron		Biannually	140	0	ug/l	750	no
Monthly	GW1	Cadmium		Biannually	0.29	0	ug/l	3.75	no
Monthly	GW1	Chromium		Biannually	5	1.75	ug/l	37.5	no
Monthly	GW1	Copper		Biannually	24	0	ug/l	1500	no
Monthly	GW1	Iron (total)		Biannually	280	200	ug/l	N/A	no
Monthly	GW1	Mercury		Biannually	0	0	ug/l	0.75	no
Monthly	GW1	Manganese		Biannually	210	111.5	ug/l	N/A	no

Groundwater/Soil monitoring template Lic No: W0267-01 2016

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTVs*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Monthly	GW1	Lead		Biannually	5.1	0	ug/l	18.75		no
Monthly	GW1	Zinc		Biannually	3.9	6.95	ug/l	N/A		no
Monthly	GW1	List III Organic compounds		Biannually	<LOD	<LOD	ug/l	N/A		no
Monthly	GW1	BTEX		Biannually	<LOD	<LOD	ug/l	N/A		no
Monthly	GW1	Mineral Oil		Biannually	<LOD	<LOD	ug/l	N/A		no

.* 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	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTVs*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Monthly	GW2	pH		Biannually	8.3	8.25	SELECT	N/A		no
Monthly	GW2	Conductivity		Biannually	740	595.00	SELECT	800-1875		no
Monthly	GW2	Chloride		Biannually	21	20.50	mg/l	24-187.5		no
Monthly	GW2	Total Ammonia		Biannually	0.11	0.02	mg/l	N/A		no
Monthly	GW2	Total Nitrogen		Biannually	13	9.96	mg/l	N/A		no
Monthly	GW2	Calcium		Biannually	140	117.50	mg/l	N/A		no
Monthly	GW2	Potassium		Biannually	4.4	2.19	mg/l	N/A		no
Monthly	GW2	Magnesium		Biannually	24	19.38	mg/l	N/A		no
Monthly	GW2	Sodium		Biannually	9	6.46	mg/l	150		no
Monthly	GW2	Boron		Biannually	49	27.63	ug/l	750		no
Monthly	GW2	Cadmium		Biannually	0.11	0.01	ug/l	3.75		no
Monthly	GW2	Chromium		Biannually	8.3	3.71	ug/l	37.5		no
Monthly	GW2	Copper		Biannually	33	11.55	ug/l	1500		no
Monthly	GW2	Iron (total)		Biannually	400	288.75	ug/l	N/A		no
Monthly	GW2	Mercury		Biannually	0	0.00	ug/l	0.75		no
Monthly	GW2	Manganese		Biannually	11	7.54	ug/l	N/A		no
Monthly	GW2	Lead		Biannually	5.5	0.95	ug/l	18.75		no
Monthly	GW2	Zinc		Biannually	610	86.64	ug/l	N/A		no
Monthly	GW2	List III Organic compounds		Biannually	<LOD	<LOD	ug/l	N/A		no
Monthly	GW2	BTEX		Biannually	<LOD	<LOD	ug/l	N/A		no
Monthly	GW2	Mineral Oil		Biannually	<LOD	<LOD	ug/l	N/A		no

* 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 ALDER 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 G33)

[Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\).](#)

[Groundwater monitoring template](#)

Groundwater/Soil monitoring template

Year 2016

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**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)

[Groundwater Regulations \(private supply\)](#)

[Drinking water \(public supply\) standards](#)

[Surface water EQS](#)

[Interim Guideline Values \(IGV\)](#)

Groundwater/Soil monitoring template Lic No: W0267-01 Year 2016

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

Environmental Liabilities template

Lic No:

W0267-01

Year

2016

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;
2	ELRA review status	Review required and not completed;
3	Amount of Financial Provision cover required as determined by the latest ELRA	€124,000
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;
5	Financial Provision for ELRA - amount of cover	€6,500,000
6	Financial Provision for ELRA - type	Environmental Impairment Liability insurance
7	Financial provision for ELRA expiry date	31/12/2014
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA
9	Closure plan review status	Review required and not completed
10	Financial Provision for Closure status	Submitted and not agreed by EPA;
11	Financial Provision for Closure - amount of cover	€200,000
12	Financial Provision for Closure - type	Other please specify
13	Financial provision for Closure expiry date	N/A

Environmental Management Programme/Continuous Improvement Programme template

Lic No: W0267-01

Year

2016

Highlighted cells contain dropdown menu click to view Additional Information

1	Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	EMS maintained as per waste licence conditions.
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	No	
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
Additional improvements	Enhance environmental tr				
Materials Handling/Storage/Bunding	Minimise waste retention	50	Training and new procedures	Section Head	Improved Environmental Management Practices
		30	Increased turnaround time	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Minimise waste production	30	Better work practices	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Minimise water use	30	Better work practices	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Minimise waste handling	30	Better work practices	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Enhance waste segregation	30	Waste oil collection	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Minimise energy use	30	Better work practices	Section Head	Improved Environmental Management Practices

Noise monitoring summary report Lic No: W0267-01 Year 2016

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?

Yes
No
Enter date
No

3 Does your site have a noise reduction plan

4 When was the noise reduction plan last updated?

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

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)?
11/08/2015	10:51-11:21	N1		42.1	35.3	42.5	72.6	No	SELECT	Forklift operating at 50r	Yes
11/08/2015	11:52-12:22	N1		40.4	36.5	65.5	65.5	No	SELECT	operations in new batte	Yes
11/08/2015	14:30-15:00	N1		43.4	33.9	40.3	66.3	No	SELECT		Yes
11/08/2015	12:24-12:54	N2		55.5	40.7	49.7	79	No	SELECT	Sorting and packing bat	No
11/08/2015	13:27-13:57	N2		45.4	38.4	66.5	66.5	No	SELECT	FLT moving on site, cars	Yes
11/08/2015	13:58-14:28	N2		58.2	38.7	50.6	88.5	No	SELECT		No
11/08/2015	15:02-15:32	N3		50.7	41.8	52.8	75.7	No	SELECT	Offsite local rd access tr	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

nothing**

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

** please explain the reason for not taking action/resolution of noise issues? Any additional comments? (less than 200 words)
--

Additional information

Enter date of audit

No	
No	

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

2. Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information

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

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)	11516	11602		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
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

Water use	Water Emissions		Water Consumption	
	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
Water extracted				
Previous year m3/yr.				
Current year m3/yr.	218		218	
Groundwater				
232				
Surface water				
Public supply				
Recycled water				
Total				
Unaccounted for Water:				

* 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

	Landfill	Incineration	Recycled	Other
Total				
Hazardous (Tonnes)				
Non-Hazardous (Tonnes)				

Resource Usage/Energy efficiency summary Lic No: W0267-01 Year 2016

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
			SELECT					
			SELECT					
			SELECT					

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	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				

SECTION B - WASTE ACCEPTED ONTO SITE- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

Additional Information

Yes	
No	
Yes	
No	

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility? (waste generated within your boundaries is to be captured through PRTR reporting)
 If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

Licensed annual tonnage limit for your site (total tonnes/annum)	EWIC code European Waste Catalogue EWIC codes	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description which applies to relevant EWIC code European Waste Catalogue EWIC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) - only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
1980	13 02 08*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste oil	100.69	580.2	-476%	N/A		R13-Storage of waste pending an	24	
12000	16 01 22	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	ELV motors	22.26	29	-30%	Reduced business		R13-Storage of waste pending an	3	
5040	16 06 01*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste batteries	983.76	1228.2	-25%			R13-Storage of waste pending an	36.9	
	16 08 01	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste catalytic converters	0.41	0.2	51%	Reduced business		R13-Storage of waste pending an	0.11	
12000	17 04 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Waste C-D copper	29.87	19.4	35%	Reduced business		R13-Storage of waste pending an	1.9	
	17 04 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Waste C-D Aluminium	37.37	30.4	19%	Increased business		R13-Storage of waste pending an	1.3	
	17 04 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Waste C-D Lead	20.3	12.2	40%	Reduced business		R13-Storage of waste pending an	1.4	
	17 04 05	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Waste C-D metals	802.13	1032	-29%			R13-Storage of waste pending an	8.2	
	17 04 11	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Waste C-D cabling	40.99	39.7	3%	Increased business		R13-Storage of waste pending an	3.1	
	16 01 07*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste oil filters	0	7.1	#DIV/0!	Increased business		R13-Storage of waste pending an	0	
	16 06 02*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste batteries	0	3.8	#DIV/0!	Increased business		R13-Storage of waste pending an	0	

Table 4 Environmental monitoring-landfill only

Was microbiological monitoring in compliance with Landfill Directive (LD) standard in reporting year ¹	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under SE(A)(8) of WMA been submitted in reporting year	Comments

¹ Please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

Area uncapped ^a SELECT UNIT	Area with temporary cap SELECT UNIT	Area with final cap to LD Standard m ² ha ^a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments

^a please note this includes daily cover area

Table 6 Leachate-Landfill only

9 Is leachate from your site treated in a Waste Water Treatment Plant?

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

Volume of leachate in reporting year(m ³)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments
						SELECT SELECT	

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

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



Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version: 1.1.18

REFERENCE YEAR 2016

1. FACILITY IDENTIFICATION

Parent Company Name	Hi-Volt Ireland Limited
Facility Name	Hi-Volt Ireland Limited
PRTR Identification Number	W0267
Licence Number	W0267-01

Classes of Activity

No.	class_name
- Refer to PRTR class activities below	

Address 1	Ballyduff (townland Shanballyduff and Piercetown)
Address 2	Thurles
Address 3	
Address 4	
Country	Tipperary
Country	Ireland
Coordinates of Location	-7.72012 52.70159
River Basin District	IESE
NACE Code	3812
Main Economic Activity	Collection of hazardous waste
AER Returns Contact Name	Antoinette Russek
AER Returns Contact Email Address	paday@hi-volt.net
AER Returns Contact Position	Environmental Officer
AER Returns Contact Telephone Number	0504 34946
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Discharges	1
Number of Employees	2340
Number of Envoys	6
User Feedback/Comments	None
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	
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

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	
---	--

This question is only applicable if you are an IPPC or Quarry site

[Guidance on waste imported/accepted onto site](#)

4.1 RELEASES TO AIR [Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					
POLLUTANT	Name	METHOD		QUANTITY	
		M/C/E	Method Used Description or Description	T (Total) KG/Year	F (Fugitive) KG/Year
No. Annex II			Emission Point 1	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 AIR					
POLLUTANT	Name	METHOD		QUANTITY	
		M/C/E	Method Used Description or Description	T (Total) KG/Year	F (Fugitive) KG/Year
No. Annex II			Emission Point 1	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 AIR					
POLLUTANT	Name	METHOD		QUANTITY	
		M/C/E	Method Used Description or Description	T (Total) KG/Year	F (Fugitive) KG/Year
Pollutant No.			Emission Point 1	0.0	0.0

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH₄) emission to the environment under T (Total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below.

Landfill:	Please enter summary data on the quantities of methane flared and / or utilised	M/C/E	Method Used		Facility Total Capacity m ³ per hour
			Method Code	Description or Description	
Hi-Volt Ireland Limited	T (Total) kg/Year				
	Total estimated methane generation (as per site model)	0.0			N/A
	Methane flared	0.0			0.0 (Total Flaring Capacity)
	Methane utilised in engine	0.0			0.0 (Total Utilising Capacity)
	Net methane emission (as reported in Section A above)	0.0			N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO WATERS	
POLLUTANT	
Pollutant No.	Name

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

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

OT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

[PRTR#: W0267 | Facility Name : Hi-Volt Ireland Limited | Filename : 763ac056500e493e8e6a56f

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SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER									
No. Annex II	Name	M/C/E	METHOD		Emission Point 1	T (Total) KG/Year	QUANTITY		
			Method Code	Method Used Designation or Description			A (Accidental) KG/Year	F (Fugitive) KG/Year	0.0
						0.0	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 POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER									
Pollutant No.	Name	M/C/E	METHOD		Emission Point 1	T (Total) KG/Year	QUANTITY		
			Method Code	Method Used Designation or Description			A (Accidental) KG/Year	F (Fugitive) KG/Year	0.0
						0.0	0.0	0.0	0.0

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO LAND	
POLLUTANT	
Pollutant No.	Name

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

METHOD			Please enter all quantities
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

) then click the delete button

METHOD			Please enter all quantities
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

) then click the delete button

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

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	WIC/E	Method Used	Location of Treatment	Licence/Permit No. of Receiving Facility (or Licence/Permit No. of Receiving/Disposer)	Address of Receiving/Disposer	Name and Licence/Permit No. and Address of Hazardous Waste Disposer (HAZARDOUS WASTE ONLY)	IC (IC1-IC10)	IC1-IC10 (IC1-IC10)	IC1-IC10 (IC1-IC10)	IC1-IC10 (IC1-IC10)
To Other Countries	13 02 08	Yes	139.86	other engine, gear and lubricating oil	R9	M	Weighted	Abroad	Paralube GmbH, M48 400 SUDT Winklerstr. 5015, Tregler, 6729 Germany	D., Vorkünder Str. 6, Tregler, 6729 Germany	Paralube GmbH, M48 400 SUDT Winklerstr. 5015, Tregler, 6729 Germany	IC1	IC1	IC1	IC1
To Other Countries	16 01 22	No	8.72	components not otherwise specified	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	D., Vorkünder Str. 6, Tregler, 6729 Germany	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	16 01 22	No	2.2	components not otherwise specified	R13	M	Weighted	Offsite in Ireland	Enviroworks 4298277 001401	Rd., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	16 06 01	Yes	1008.1	lead batteries	R4	M	Weighted	Abroad	Enviroworks 4298277	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	16 08 01	No	0.2	aluminium (except 16 08 07)	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	Manor Way., Essex, RM 13	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	17 04 01	No	24.3	copper, bronze, brass	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	Manor Way., Essex, RM 13	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 01	No	1.3	copper, bronze, brass	R13	M	Weighted	Offsite in Ireland	United metals WFP-LK201-4 1477AR3	Rd., Limerick., Ireland park., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 01	No	1.9	copper, bronze, brass	R13	M	Weighted	Offsite in Ireland	United metals WFP-LK201-4 1477AR3	Rd., Limerick., Ireland park., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	17 04 02	No	10.9	aluminium	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	Manor Way., Essex, RM 13	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 02	No	5.8	aluminium	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 02	No	22.4	aluminium	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 02	No	3.2	aluminium	R13	M	Weighted	Offsite in Ireland	United metals WFP-LK201-4 1477AR3	Eastway business park., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	17 04 03	No	17.3	lead	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	Manor Way., Essex, RM 13	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 03	No	2.2	lead	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 05	No	650.3	iron and steel	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 05	No	1.6	iron and steel	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 05	No	179.4	iron and steel	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 11	No	6.8	castles other than those mentioned in 17 04	R13	M	Weighted	Offsite in Ireland	United metals WFP-LK201-4 1477AR3	Eastway business park., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 11	No	5.8	castles other than those mentioned in 17 04	R13	M	Weighted	Offsite in Ireland	United metals WFP-LK201-4 1477AR3	Eastway business park., Limerick., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
To Other Countries	17 04 11	No	23.6	castles other than those mentioned in 17 04	R13	M	Weighted	Abroad	FJ Church EAWML 80771 BRH United Kingdom	Manor Way., Essex, RM 13	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	17 04 01	No	5.5	copper, bronze, brass	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1
Within the Country	16 01 22	No	6.2	components not otherwise specified	R13	M	Weighted	Offsite in Ireland	McSinsky Metal WFP-SO4-4 Oakfield	Rd., Carraro., Ireland	Enviroworks 4298277, Rassau estate., Bleanham, NP2 35SD United Kingdom	IC1	IC1	IC1	IC1

* Subject to a nearby double-clicking the Description of Waste then click the option button

[Link to previous waste data](#)
[Link to previous waste data summary data & percentage change](#)
[Link to Waste Guidance](#)