

Facility Information Summary	
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AER Reporting Year	2015
Licence Register Number	W0115-01
Name of site	Soltec (Ireland) Ltd
Site Location	Zone A, Mullingar Business Park, Mullingar, Co. Westmeath
NACE Code	3832
Class/Classes of Activity	R1 & R13
National Grid Reference (6E, 6 N)	7.34319 535222

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.**

Soltec (Ireland) Ltd operates a solvent recovery facility with its primary activity that of distillation, it also stores and sends for recovery rags, filters and PPE with traces of solvents and other dangerous goods. In 2015 A new online waste tracking system was developed, this gives online access to our clients their waste location and treatment methods carried out on it. Air emissions from stack A2 were reduced also as the system used to scrub VOC was developed further.

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.

David Corcoran	3/31/2016
Signature EHS Manager	Date

AIR-summary template

Lic No:

W0115-01

Year

2015

Answer all questions and complete all tables where relevant

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** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Yes

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

No

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

Yes

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
A2	Total Organic Carbon (as C)	Biannual	0.2	No 30min mean can exceed the ELV	0.067	kg/hour	yes	EN 1911-1 to 3:2003	134	
A2	volumetric flow	Biannual	100	No 30min mean can exceed the ELV	72	Nm3/hour	yes	EN 1948-1 to3:2003	144000	
A2	TA Luft organic substances class 1	Annual	20	No 30min mean can exceed the ELV	0.5	mg/Nm3	yes	EN 13649:2001	72	
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

AIR-summary template	Lic No: W0115-01	Year: 2015
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)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

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					
	SELECT				SELECT					

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

Table A3: Abatement system bypass reporting table

[Bypass protocol](#)

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

1 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

No

2 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

SELECT

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
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

*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

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

External/Internal LaAssessment of re-SELECT

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence 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 EQS for Surface water or relevant receptor quality standards

Continuous monitoring

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

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

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

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
	<input type="button" value="SELECT"/>	<input type="button" value="SELECT"/>		<input type="button" value="SELECT"/>	<input type="button" value="SELECT"/>	<input type="button" value="SELECT"/>					
	<input type="button" value="SELECT"/>	<input type="button" value="SELECT"/>		<input type="button" value="SELECT"/>	<input type="button" value="SELECT"/>	<input type="button" value="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?
						<input type="button" value="SELECT"/>	

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

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 licenced testing period** (mobile bunds and chemstore included)

- 1
- 2 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 "Chemstore" type units and mobile bunds)
- 3
- 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?

Yes	
3 years	
Yes	
5	
5	
0	
SELECT	
n/a	
n/a	
n/a	
N/A	
N/A	
Yes	

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)
1	reinforced concrete		Solvent	167m3	10m3	Hydraulic test		5/14/2014	Yes	Pass		SELECT	5/13/2017	
3	reinforced concrete		Solvent	16m3	5m3	Hydraulic test		5/14/2014	Yes	Pass			5/13/2017	
6	reinforced concrete		Solvent	167m3	39m3	Hydraulic test		5/14/2014	Yes	Pass			5/13/2017	
7	reinforced concrete		Solvent	43m3	14m3	Hydraulic test		5/14/2014	Yes	Pass			5/13/2017	
									SELECT	SELECT		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

Commentary

- 15 Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?
[bundling and storage guidelines](#)
- 16 Are channels/transfer systems to remote containment systems tested?
- 17 Are channels/transfer systems compliant in both integrity and available volume?

Yes	
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 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**

- 1
- 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)

No	
SELECT	

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)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes
2	Are 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. Groundwater monitoring	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?	yes
11	Have potential receptors been identified on and off site?	yes
12	Is there evidence that contamination is migrating offsite?	N/A

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

Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
5/14/2015	MW1	SVOC	GC-MS	Annual	<10	<10	ug/l	N/A		no
		VOC	GC-MS	Annual	<10	<10	ug/l	N/A		no
5/14/2015	MW5	SVOC	GC-MS	Annual	<10	<10	ug/l	N/A		no
		VOC	GC-MS	Annual	<10	<10	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	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
5/14/2015	MW3	SVOC	GC-MS	Annual	<10	<10	ug/l	N/A		no
		VOC	GC-MS	Annual	<10	<10	ug/l	N/A		no

Groundwater/Soil monitoring template					Lic No:	W0115-01	Year	2015	
5/14/2015	MW2	SVOC	GC-MS	Annual	<10	<10	ug/l	N/A	no
		VOC	GC-MS	Annual	<10	<10	ug/l	N/A	no
<p>*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. Groundwater monitoring template</p>									
<p>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 2013).</p>									
<p>**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 Groundwater re; Drinking water (priv Drinking water (public su Interim Guideline Value</p>									

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

Environmental Liabilities template

Lic No:

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Year

2015

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

		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	€134,309	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	€134,309	
6	Financial Provision for ELRA - type	Insurance with Environmental Impairment Liability cover,	
7	Financial provision for ELRA expiry date	n/a	
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	
11	Financial Provision for Closure - amount of cover	€134,309	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	n/a	

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0115-01	Year	2015
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
Reduction of emissions to Air	Zero VOC emissions	70	A New recovery system was in	Individual	Reduced emissions
Waste reduction/Raw material usage efficiency	Reduce fossil fuel usage on s	40	A new high efficiency boiler w	Individual	Reduced emissions
SELECT		SELECT		SELECT	SELECT

Noise monitoring summary report Lic No: W0115-01 Year 2015

- 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
[Noise Guida](#)
- 3 Does your site have a noise reduction plan No
- 4 When was the noise reduction plan last updated? n.a
- 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)?
5/14/2015	12:04	N1	N/A	53	48	n/a	81	No	No	n/a	Yes
5/14/2015	12.01	N2	N/A	50	47	n/a	79	No	No	n/a	Yes
5/14/2015	12.36	N3	N/A	52	48	n/a	84	No	No	n/a	Yes
5/14/2015	12.41	N4	N/A	47	45	n/a	79	No	No	n/a	Yes
5/14/2015	14	N5	N/A	51	47	n/a	79	No	No	n/a	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?

nothing**

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

All Noise Monitoring Locations are compliant with ELV's

Additional information

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

2012	
n/a	

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 [SEAI - Large Industry](#) No

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

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)	78	159	103%	0
Total Energy Generated (MWHrs)	0	0	0	0
Total Renewable Energy Generated (0	0	0	
Electricity Consumption (MWHrs)	78	159	103%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0	0	0
Light Fuel Oil (m3)	15	25	66%	7%
Natural gas (m3)	0	0	0	0
Coal/Solid fuel (metric tonnes)	0	0	0	0
Peat (metric tonnes)	0	0	0	0
Renewable Biomass	0	0	0	0
Renewable energy generated on site	0	0	0	0

* 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(m³/yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	0	0	0	0	0	0	0
Surface water	0	0	0	0	0	0	0
Public supply	290	200	7%	0	190	10	0
Recycled water	0	0	0	0	0	0	0
Total	290	200	7%	0	190	10	0

* 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)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary	Lic No: W0115-01	Year	2015
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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	Unit ID	Station Total
Technology	0	0	0	0	0
Primary Fuel	0	0	0	0	0
Thermal Efficiency	0	0	0	0	0
Unit Date of Commission	0	0	0	0	0
Total Starts for year	0	0	0	0	0
Total Running Time	0	0	0	0	0
Total Electricity Generated (GWH)	0	0	0	0	0
House Load (GWH)	0	0	0	0	0
KWH per Litre of Process Water	0	0	0	0	0
KWH per Litre of Total Water used on	0	0	0	0	0

WASTE SUMMARY	Lic No:	W0115-01	Year	2015
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SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

[PRTR facility logon](#)

dropdown list click to see options

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

Additional Information

1 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)

Yes	
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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

No	
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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

No	
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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)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	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 -
5000	070504*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	Waste Organic Solvent European Waste Catalogue	334	223	-30%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a
5000	080111*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste Organic Solvent European Waste Catalogue	4.7	7	48%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a
5000	080409*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste Organic Solvent	13.5	0	100%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a
5000	080410*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste Organic Solvent	1.4	0	100%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a
5000	110113*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	waste Organic Solvent	0.4	0	100%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a
5000	140603*	14- WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)	waste Organic Solvent	467	500	-7%	Market Conditions	n/a	R2-Solvent reclamation/regenera	0	n/a

WASTE SUMMARY	Lic No:	W0115-01	Year	2015
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	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 SS3(A)(5) of WMA been submitted in reporting year	Comments

+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 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
SELECT UNIT	SELECT UNIT					

*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?

SELECT

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

SELECT

Volume of leachate in reporting year(m3)	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

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 m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	



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[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2015
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1. FACILITY IDENTIFICATION

Parent Company Name	Soltec (Ireland) Limited
Facility Name	Soltec (Ireland) Limited
PRTR Identification Number	W0115
Licence Number	W0115-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Zone A
Address 2	Mullingar Business Park
Address 3	Mullingar
Address 4	
	Westmeath
Country	Ireland
Coordinates of Location	-7.34319 53.5222
River Basin District	IEGBNISH
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	David Corcoran
AER Returns Contact Email Address	info@soltec.ie
AER Returns Contact Position	EHS Manager
AER Returns Contact Telephone Number	044-9335133
AER Returns Contact Mobile Phone Number	n/a
AER Returns Contact Fax Number	044-9345248
Production Volume	827000.0
Production Volume Units	kgs
Number of Installations	1
Number of Operating Hours in Year	2000
Number of Employees	12
User Feedback/Comments	n/a
Web Address	www.soltec.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(a)	Installations for the recovery or disposal of hazardous waste
50.1	General

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

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

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
--	----

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	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 PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					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 C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

POLLUTANT		METHOD			Please enter all quantities in this section in KGs				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
237	Volatile organic compounds (as TOC)	M	ALT	EN12619:2013	134.0	0.0	134.0	0.0	0.0
230	TA Luft organic substances class 1	M	EN 13649:2001		72.0	0.0	72.0	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:		Soltec (Ireland) Limited			
Please enter summary data on the quantities of methane flared and / or utilised		M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
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/s	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 N

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# : W0115 | Facility Name : Soltec (Ireland) Limited | Filename : Copy of AER summary TEMI

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SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0115 | Facility Name : Soltec (Ireland) Limited | Filename : Copy of AER summary TEMPLATES-FINAL 12.13.xls | Return Year : 2015 |

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Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (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	14 06 03	Yes	180.0	other solvents and solvent mixtures	D10	M	Weighed	Abroad	ECO SAFE,W0211-01	Kymore Road,n/a,Dublin,N/a,Ireland	Ellesmere Port Incinerator Cleanway Ltd,B55193IE,Bridges Road,Ellesmere Port,South Wirral ,Cheshire,United Kingdom	Ellesmere Port,South Wirral ,Cheshire,CH654EQ,United Kingdom
To Other Countries	14 06 03	Yes	9.0	other solvents and solvent mixtures	R1	M	Weighed	Abroad	Rilta Environmental ,W192-03	Greenogue Industrial Estate ,n/a,Dublin ,n/a,Ireland	Neheisen GMBH,A-4187-HH,Betriebsstette Brenen,,Bretten,28237,Germany	Betriebsstette Brenen,,Bretten,28237,Germany
To Other Countries	14 06 03	Yes	58.0	other solvents and solvent mixtures	R1	M	Weighed	Abroad	Rilta Environmental ,W192-03	Greenogue Industrial Estate ,n/a,Dublin ,n/a,Ireland	Recyfuel S.A,DDT/15/CC/MV,Zoning Industriel d'Ehein,B4480,Engis ,Belgium	Zoning Industriel d'Ehein,B4480,Engis ,Belgium
To Other Countries	15 01 10	Yes	27.0	packaging containing residues of or contaminated by dangerous substances	R1	M	Weighed	Abroad	Rilta Environmental ,W192-03	Greenogue Industrial Estate ,n/a,Dublin ,n/a,Ireland	Recyfuel S.A,DDT/15/CC/MV,Zoning Industriel d'Ehein,B4480,Engis ,Belgium	Zoning Industriel d'Ehein,B4480,Engis ,Belgium
Within the Country	15 01 10	Yes	5.3	packaging containing residues of or contaminated by dangerous substances	R3	M	Weighed	Offsite in Ireland	Enva ,W0184-01	Clonminam Industrial Estae,,Portlaoise,,Ireland	Enva ,W0184-01,Clonminam Indsutrial Estate ,,Portlaoise,,Ireland	Clonminam Indsutrial Estate ,,Portlaoise,,Ireland
To Other Countries	15 02 02	Yes	160.0	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Abroad	Rilta Environmental ,W192-03	Greenogue Industrial Estate ,n/a,Dublin ,n/a,Ireland	Recyfuel S.A,DDT/15/CC/MV,Zoning Industriel d'Ehein,B4480,Engis ,Belgium	Zoning Industriel d'Ehein,B4480,Engis ,Belgium
To Other Countries	15 02 02	Yes	1.0	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Abroad	Rilta Environmental ,W192-03	Greenogue Industrial Estate ,n/a,Dublin ,n/a,Ireland	Moerdijk BV,1538449,Industrieterrein Seaport M152,,Vlasweg 12,NL 4752 PW Moerdijk,Netherlands	Afvalstoffen Terminal Moerdijk BV,1538449,Industrieterrein Seaport M152,,Vlasweg 12,NL 4752 PW Moerdijk,Netherlands
To Other Countries	19 02 05	Yes	87.0	sludges from physico/chemical treatment containing dangerous substances	R1	M	Weighed	Abroad	Tradebe Solvent Recycling Ltd ,BL7302ID	Middleton Road ,n/a,Haysham ,LA3 3JW,United Kingdom	Tradebe Solvent Recycling Ltd ,BL7302ID,Middleton Road ,,Haysham,LA3 3JW,United Kingdom	Middleton Road ,,Haysham,LA3 3JW,United Kingdom

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

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