

**Operator:** Enersys Ltd

Form Number: R1

Reporting of Waste Disposal and Recovery for the year .....2014.....

| Waste Disposal & Recovery |                   |        |          |
|---------------------------|-------------------|--------|----------|
| Waste Description         | Disposal          | Tonnes | Recovery |
|                           | Route             |        | Tonnes   |
| 1) Hazardous Wastes       |                   |        |          |
| Lead Waste Streams        | Smelting          |        | 3100.9   |
| Other hazardous wastes    | Energy From Waste |        | 223.93   |
| Total hazardous waste     |                   |        | 3324.83  |
|                           |                   |        |          |
| 2) Non-Hazardous Wastes   |                   |        |          |
| Plastic Cases             | Recycled          |        | 33.13    |
| General Waste             | Landfill          | 37.85  | 27.03    |
| Cardboard and polythene   | Recycled          |        | 113.18   |
| Wood                      | Recycled          |        | 160.37   |
| Metal                     | Recycled          |        | 18.71    |
| Separator Paper           | Recycled          |        | 27.98    |
| Food Waste                | Recycled          |        | 2.4      |
|                           |                   |        |          |
| Total non-hazardous waste |                   |        | 420.65   |
|                           |                   |        |          |
| TOTAL WASTE               |                   |        | 3745.48  |

[illegible]

Operator's comments :

**PRODUCTION OUTPUT IS 24514 TONNES**

Signed .....  
(authorised to sign as representative of the Operator)

Date.....31st January 2015.....

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: WU1

Reporting of Water Usage for the year .....2014.....

| Water Usage       |                         |                                    |
|-------------------|-------------------------|------------------------------------|
| Water Source      | Usage (m <sup>3</sup> ) | Specific Usage (m <sup>3</sup> /t) |
| Mains water       | 47225                   | 1.926m <sup>3</sup> /t             |
|                   |                         |                                    |
|                   |                         |                                    |
|                   |                         |                                    |
|                   |                         |                                    |
| TOTAL WATER USAGE | 47225                   |                                    |

| Trends in Water Usage |                    |                   |                         |
|-----------------------|--------------------|-------------------|-------------------------|
| Year                  | Parameter          |                   |                         |
|                       | Named Water source | Total Water usage | Water per unit output   |
| 2011                  |                    | 62759             | 3.5 m <sup>3</sup> /t   |
| 2012                  |                    | 68640             | 3.4 m <sup>3</sup> /t   |
| 2013                  |                    | 60532             | 2.86m <sup>3</sup> /t   |
| 2014                  |                    | 47225             | 1.926 m <sup>3</sup> /t |

Operator's comments :

PRODUCTION OUTPUT IS 24514 TONNES

Signed .....

*Paula S. Tenrett*

(authorised to sign as representative of the Operator)

Date.....31<sup>st</sup> January 2015.....

Permit Reference Number: NP3030BJ

Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: E1

Reporting of Energy Usage for the year .....2014.....

| Energy Usage   |                     |                      |                                   |
|----------------|---------------------|----------------------|-----------------------------------|
| Energy Source  | Energy Usage        |                      | CO <sub>2</sub> Produced (tonnes) |
|                | Quantity            | Primary Energy (MWh) |                                   |
| Electricity *  | 29263.099 MWh       | 70231.438MWh         | 11666.35                          |
| Natural Gas    | 14599.539 MWh       | 14599.539MWh         | 2775.58                           |
| Gas Oil        | 0 tonnes            |                      |                                   |
| Heavy Fuel Oil | 0 tonnes            |                      |                                   |
| <b>TOTAL</b>   | <b>43862.638MWh</b> | <b>84830.977MWh</b>  | <b>14441.93T</b>                  |

\* Conversion factor for delivered electricity to primary energy = 2.4

| Trends in Energy Usage |                      |                          |                                 |
|------------------------|----------------------|--------------------------|---------------------------------|
| Year                   | Parameter            | CO <sub>2</sub> produced | CO <sub>2</sub> per unit output |
| 2011                   | Primary Energy usage | 13533                    | 0.7544T/T                       |
| 2012                   | 79334.97             | 14037.67                 | 0.7039T/T                       |
| 2013                   | 87673.58             | 13258.59                 | 0.6254T/T                       |
| 2014                   | 77719.43             | 14441.93                 | 0.5891T/T                       |
|                        | 84830.98             |                          |                                 |
|                        |                      |                          |                                 |
|                        |                      |                          |                                 |
|                        |                      |                          |                                 |

Operator's comments :

ELECTRICITY CO2 PRODUCED = 70231.438 /6.02 = 11666.35

GAS CO2 PRODUCED = 14599.539/5.26 = 2775.58

PRODUCTION TONNAGE = 24514 TONNES

*Paula S. Terrett*

Signed .....  
(authorised to sign as representative of the Operator)

Date.....31<sup>st</sup> January 2015.....

Permit Reference Number: NP3030BJ Operator: Enersys Ltd

Installation: Enersys Newport

Form Number: P11

Reporting of Performance Indicators for the year .....2014.....

**Annual Production/Treatment**

Production of Battery Products

24514 Tonnes

**Environmental Performance Indicators**

| Performance Indicators |                |                       |
|------------------------|----------------|-----------------------|
| Parameter              | Annual Average | Units                 |
| Energy Use             | 1789           | kWh/tonne             |
| Potable water use      | 1.926          | m <sup>3</sup> /tonne |
| Waste disposed         | 0.0015         | T/tonne               |
| Waste recovered        | 0.150          | T/tonne               |
| Mass lead released     | 3.81*10-6      | T/tonne               |
|                        |                |                       |
|                        |                |                       |

| Trends in Environmental Performance |                       |            |                |                 |                    |
|-------------------------------------|-----------------------|------------|----------------|-----------------|--------------------|
| Year                                | Parameter             | Energy Use | Waste Disposed | Waste recovered | Mass lead released |
|                                     | Potable water use     |            |                |                 |                    |
| 2011                                | 3.5 m <sup>3</sup> /t | 2208 kWh/T | 205.04 Tonnes  | 4553.77 Tonnes  | 161.4Kg            |
| 2012                                | 3.4 m <sup>3</sup> /t | 2189 kWh/T | 179.95 Tonnes  | 4907.54 Tonnes  | 228.6Kg            |
| 2013                                | 2.86m <sup>3</sup> /t | 1926 kWh/T | 118.72Tonnes   | 5046.69 Tonnes  | 176.23Kg           |
| 2014                                | 1.93m <sup>3</sup> /t | 1789 kWh/T | 37.85Tonnes    | 3707.63 Tonnes  | 93.39Kg            |

Operator's comments :

*Paula S. Tennett*

Signed .....  
(authorised to sign as representative of the Operator)

Date.....31st January 2015.....