

IPPC Documents

Waste Management Plan

Waste recycling facility and baling plant

Hal Far, l/o Birżebbuġa

Variation of IP0004/12/A

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S.L. 549.63 are the regulations which transposed EU Directive 2008/98/EC and provide a legislative framework to protect the environment and human health by reducing and preventing adverse impacts of waste generation and improving resource use and efficiency. They also provide the permitting legislative framework in connection with waste management activities hence they are applicable to this application. All waste generation activities taking place during the operational phase adhere to these regulations.

Incoming material is inspected and weighed at the reception area and then unloaded in the yard depending on the type of material. The material is stored according to the type of processing which needs to be undertaken. Material for which the facility doesn't have any permit to process is removed before storage and placed in the quarantine site. The processing of the material received on site will also generate some wastes which have to be discarded since, either there is no market or it's not feasible to recycle.

The incoming materials utilised on site will consist of:

- Scrapped iron and steel from different sources bought to be exported as scrap; This is sorted, foreign elements removed and discarded and the metals are baled or shredded depending on the types of material.
- Aluminium, copper cables and other objects. In the case of cables these are stripped from their insulation and baled. In the case of other materials these are sorted and baled accordingly.
- Vehicles, both commercial and passenger which are bought to be decontaminated in the ELV station- A standard ELV facility utilising specialized equipment is purposely produced to limit as much as possibly any spillages and retain hazardous wastes in a safe environment in specialized tanks and containers. Other materials, such as tyres, catalytic converters etc. which are removed as part of the ELV depollution process are retained in special containers/ areas within the ELV store until they are collected by a registered waste broker. Once the depollution process is complete the remaining contents of the vehicle are considered as non-hazardous. Some of these items such as glass panels, rubber fittings and trimmings, plastics and electrical and electronic parts could be removed manually and stored in separate containers for recycling



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purposes or disposal. The remaining parts are then transferred to the shredder where the ferrous¹ and non-ferrous parts are shredded and separated accordingly.

In the case of the larger vehicles (>3.5tonnes) the remaining metal parts are then sheared by means of a shearing scissors in the yard and the metal is baled by means of the baling plant.

Further details are found in Table 2 below. The storage areas of the different wastes are shown on Site Plans I and II.

The facility will have a 24/7 hour camera security including night time watchman. Furthermore, garages will be locked up at night and there will be controlled accessibility to the general public within the complex.

Other waste which is produced from the facility is that from the administration block which would mostly consist of paper and plastic waste together with very small quantities of food waste.

The metal scrap facility will recover different types of metals from items which are brought to the site. Additional material such as plastics and rubber would be removed manually and disposed in special plastic and rubber bins for possible recycling. Materials which have no recycling or re-use value would be removed and placed in bins which are disposed in the landfill.

Site plans I and II show the location where each of these wastes will be located.

¹ This is referred to as light or heavy scrap. Light scrap is iron which has a thickness less than 5 mm whereas heavy scrap is one which has a thickness greater than 5mm.



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Table 1: Colour coded flowchart showing incoming and outgoing waste at Gasparell Baling Facility

| INCOMING WASTE | EWC Code | | ACTION | TREATMENT | EWC Code | FATE | EWC Code | | | | | |
|---|-----------|-----------|---|------------|-------------|----------|-----------|------------|----------|----------|--|--|
| | | | QUARANTINE | | | | | | | | | |
| | | | RETENTION OF VEHICLE AND MATERIAL RADIOACTIVE WASTE (Reported) | | | | | | | | | |
| | | | Iron and Steel | 19 10 01 | EXAMINATION | WEIGHING | SHREDDING | 17 04 05 | EXPORTED | 17 04 05 | | |
| Copper, bronze, brass | 17 04 01 | 19 12 02 | 19 12 02 | | | | | | | | | |
| Aluminium | 17 04 02 | 20 01 40 | 20 01 40 | | | | | | | | | |
| Lead | 17 04 03 | 19 12 03 | 19 10 01 | | | | | | | | | |
| Iron & Steel | 17 04 05 | 16 01 06 | 17 04 11 | | | | | | | | | |
| Ferrous metals | 19 12 02 | 16 01 12 | 16 01 12 | | | | | | | | | |
| Zinc | 17 04 04 | 16 01 17 | 16 01 17 | | | | | | | | | |
| Tin | 17 04 06 | 16 01 18 | 16 01 18 | | | | | | | | | |
| Mixed metals | 17 04 07 | 16 02 14 | 16 02 14 | | | | | | | | | |
| Metals | 20 01 40 | 17 04 02 | 19 10 02 | | | | | | | | | |
| Ferrous materials from bottom ash | 19 01 02 | 16 01 99 | 19 12 03 | | | | | | | | | |
| Metallic packaging | 15 01 04 | 19 10 01 | 17 04 01 | | | | | | | | | |
| Non-ferrous metals | 19 10 02 | 19 10 02 | 17 04 02 | | | | | | | | | |
| Non-ferrous metals | 19 12 03 | STRIPPING | 17 04 11 | 17 04 03 | | | | | | | | |
| Plastic and rubber | 19 12 04 | | | 17 04 04 | | | | | | | | |
| Cables containing oil, coal tar and other hazardous substances | 17 04 10* | | | 17 04 06 | | | | | | | | |
| Cables other than those mentioned in 17 04 10* | 17 04 11 | | | 17 04 07 | | | | | | | | |
| Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 | 16 02 14 | | | 15 01 04 | | | | | | | | |
| Components not otherwise specified | 16 01 22 | BALED | 17 04 01 | 19 10 02 | | | | | | | | |
| End-of-life Tyres | 16 01 03 | | | 17 04 10* | | | | | | | | |
| End-of -life vehicles | 16 01 04* | | | 16 02 14 | | | | | | | | |
| End-of -life vehicles containing neither liquids nor other hazardous components | 16 01 06 | | | 17 04 11 | | | | | | | | |
| Other batteries and accumulators | 16 06 05 | | | 19 01 02 | | | | | | | | |
| Lead batteries | 16 06 01* | | | 19 12 04 | | | | | | | | |
| Ferrous metal | 16 01 17 | | | 16 06 05 ? | | | | | | | | |
| Non ferrous metals | 16 01 18 | | | 16 01 22 | | | | | | | | |
| | | | | | | | 16 01 08* | | | | | |
| | | | | | | | 16 01 09* | | | | | |
| | | | | | | | 16 01 11* | | | | | |
| | | | | | | | 16 02 13* | | | | | |
| | | | | | | | 16 02 15* | | | | | |
| | | | | | | | 16 02 16 | | | | | |
| | | | | | | | 16 01 21* | | | | | |
| | | | | | | | 16 08 01 | | | | | |
| | | | | | | | 16 01 03 | | | | | |
| | | | | | | | 16 01 20 | | | | | |
| | | | | STO RED | | | 19 01 02 | WASTE SERV | 16 01 19 | | | |
| | | | | | | | 19 12 04 | | 16 01 03 | | | |
| | | | | | | | 16 06 05 | | | | | |



| INCOMING WASTE | EWC Code | | ACTION | TREATMENT | EWC Code | FATE | EWC Code |
|----------------|----------|--|---|-----------|-------------------------|------------------------|-------------------------|
| | | | | | 16 06 01* | | 16 01 99 |
| | | | | | 16 01 20 | | 19 12 12 |
| | | | | | 16 01 03 | | 20 03 07 |
| | | | | | 16 01 22 | LOCAL WASTE COLLECTORS | 16 06 01* |
| | | | | | 13 02 04*- 13 02 06* | | 16 01 22 |
| | | | | | 16 01 08* | | 13 02 04*- 13 02 06* |
| | | | | | 16 01 09* | | 16 01 13* |
| | | | | | 16 01 11* | | 16 01 14* |
| | | | | | 16 01 13* | | 16 01 15 |
| | | | | | 16 01 14* | | 16 01 21* |
| | | | | | 16 01 15 | | 16 02 11* |
| | | | | | 16 02 13* | | 16 06 01* |
| | | | | | 16 02 15* | | 13 05 01 |
| | | | | | 16 02 16 | | 13 05 02* |
| | | | | | 16 01 21* | | 13 05 08* |
| | | | | | 16 08 01 | | 13 07 03* |
| | | | | | 19 12 11* | | 16 10 02 |
| | | | | | 19 12 12 | | 20 03 01 |
| | | | | | 20 03 07 | | 20 01 39 |
| | | | | | 16 01 04* | | 20 01 40 |
| | | | | | 16 02 14 | | 20 01 01 |
| | | | | | 13 05 01* | | 20 01 08 |
| | | | | | 13 05 02* | | |
| | | | | | 13 05 08* | | |
| | | | | | 13 07 03* | | |
| | | | | | 16 10 02 | | |
| | | | | | 20 03 01 | | |
| | | | | | 20 01 39 | | |
| | | | | | 20 01 40 | | |
| | | | | | 20 01 01 | | |
| | | | | | 20 01 08 | | |
| | | | DEPOLLUTED | | 16 01 04* | | |
| | | | DISMANTLED | | 16 02 14 | | |
| | | | TRANSFERRED TO REGISTERED WASTE COMPANY | | 13 05 01* | | |
| | | | | | 13 05 02* | | |
| | | | | | 13 05 08* | | |
| | | | | | 13 07 03* | | |
| | | | | | 16 10 02 | | |
| | | | DOMESTIC WASTE COLLECTION | | 20 03 01 | | |
| | | | | | 20 01 39 | | |
| | | | | | 20 01 40 | | |
| | | | | | 20 01 01 | | |
| | | | | | 20 01 08 | | |



Waste Management Plan, Gasparell baling plant, *Hal Far, l/o Birżebbuġa*
Table 2: Details of wastes handled (incoming and outgoing) at the Gasparell Baling plant facility

| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|---------------------------|--|-----------|---------|-----------------------|--------------------------|------------------|---|----------------------|--|---|---------------------|
| Operation Phase | | | | | | | | | | | |
| Scrap facility (Incoming) | Iron & Steel | 17 04 05 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Incoming) | Ferrous metals | 19 12 02 | N/A | | | | | | | | |
| Scrap facility (Incoming) | Iron and Steel | 19 10 01 | N/A | | | | | | | | |
| Scrap facility (Incoming) | Copper, bronze, brass | 17 04 01 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Aluminium | 17 04 02 | N/A | ~150 tonnes/quarter | ~150 tonnes | N/A | Shredded/baled, retained in store and exported | Recycling | Container | N/A | Italy |
| Scrap facility (Incoming) | Lead | 17 04 03 | N/A | ~100 tonnes/quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Zinc | 17 04 04 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Tin | 17 04 06 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Mixed metals | 17 04 07 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Metals | 20 01 40 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Incoming) | Ferrous materials from bottom ash | 19 01 02 | N/A | ~1000 tonnes/quarter | ~3000 tonnes/quarter | N/A | Retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Incoming) | Metallic packaging | 15 01 04 | N/A | ~5 tonnes/year | ~200 tonnes | N/A | Baled and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Incoming) | Non-ferrous metals | 19 10 02 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Shredded/Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Non-ferrous metals | 19 12 03 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Shredded/Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Incoming) | Plastic and rubber | 19 12 04 | N/A | < 1 tonnes/year | ~ 1 tonne | N/A | Strapped and exported | Recycling | Container | N/A | UK |
| Scrap facility (Incoming) | Cables containing oil, coal tar and other hazardous substances | 17 04 10* | HP3 | ~5 tonnes/year | ~25 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | UK |
| Scrap facility (Incoming) | Cables other than those mentioned in 17 04 10* | 17 04 11 | N/A | ~25/tonnes/year | ~25 tonnes | N/A | Stripped, baled, retained in store and exported | Recycling | Container | N/A | UK |



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|-------------------------------------|---|-----------|----------|-----------------------|--------------------------|------------------|--|---|--|--|---------------------|
| Scrap facility (Incoming) | Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 | 16 02 14 | N/A | ~25/tonnes/year | ~25 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | UK |
| Scrap facility (Incoming) | Components not otherwise specified | 16 01 22 | N/A | ~25/tonnes/year | ~25 tonnes | N/A | Retained in store and exported | Recycling | Container | N/A | UK |
| Scrap facility (Incoming) | End-of-life Tyres | 16 01 03 | N/A | ~5 tonnes/month | ~15 tonnes | N/A | Retained in open yard | RDF | Truck | Wasteserv Marsa | Malta |
| ELV facility (Incoming as vehicles) | End-of -life vehicles | 16 01 04* | N/A | ~2000/year | 100 | N/A | Depolluted, shredded and exported | Recovery of pollutants and recycling of metals and plastics | Depends on quantities | Wasteserv for non-recyclable and recovered parts | Malta |
| Scrap facility (Incoming) | End-of -life vehicles containing neither liquids nor other hazardous components | 16 01 06 | N/A | ~2000/year | 100 | N/A | Shredded and exported | Recycling of metals and plastics | Depends on quantities | Wasteserv for non-recyclable and recovered parts | Malta |
| Scrap facility (Incoming) | Other batteries and accumulators | 16 06 05 | N/A | 100/year | 200 | N/A | Stored under cover and sold to a registered broker or exported | Recycling | Secure container/ truck | N/A | Unknown |
| Scrap facility (Incoming) | Lead batteries | 16 06 01* | HP5, HP8 | 70-80 /week | ~400 | N/A | Stored under cover and sold to registered broker | Recycling | Secure truck | AGV (Malta) | Malta |
| Scrap facility (Incoming) | Ferrous metal | 16 01 17 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Incoming) | Non ferrous metals | 16 01 18 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Shredded/ baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| ELV facility (Outgoing) | Glass | 16 01 20 | N/A | 1500Kg/week | 2000kg | N/A | Stored and landfilled | Disposal (no market) | Truck | Wasteserv Maghtab | Malta |
| ELV facility (Outgoing) | Plastic | 16 01 19 | N/A | 1000Kg/week | 1500kg | N/A | Baled and stored under cover and sold locally | Recycling | Truck | Wasteserv Maghtab | Malta |
| ELV facility (Outgoing) | End of life Tyres | 16 01 03 | N/A | 1.5-2 tonnes/week | 2 tonnes | N/A | Stored under cover shredded and sold locally | RDF | Container | Wasteserv Marsa | Malta |
| ELV facility (Outgoing) | Components not otherwise specified | 16 01 22 | N/A | few or none or none | 50kg | N/A | Stored under cover and sold locally or exported | Recycling | Truck/ container | Malcolm Aquilina/ Lithuania | Malta/ Lithuania |
| ELV facility (Outgoing) | Waste not otherwise specified | 16 01 99 | N/A | ~10 tonnes/ week | 20 tonnes | N/A | Shredded and landfilled | Disposal (no market) | Truck | Wasteserv Maghtab | Malta |



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| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|-------------------------|---|-------------------------|----------------------|-----------------------|--------------------------|------------------|--|----------------------|---|---|---------------------|
| ELV facility (Outgoing) | Engine, gear, lubricating oils | 13 02 04*- 13 02 06* | HP3-HP6 | 750- 1000ltrs/week | 2000 ltr | >1100ltrs | Stored in special tanks in bunded area transferred to registered waste company for processing | Recycling | Transferred to registered waste company for processing | Waste Oils Company Ltd | Malta |
| ELV facility (Outgoing) | Oil filters | 16 01 07* | HP4 | ~50 per week | 100 | N/A | Drained and compressed in special compressor and shredded | Recycling | Same as ferrous waste | N/A | Turkey |
| ELV facility (Outgoing) | Components containing mercury | 16 01 08* | HP5, HP6, HP10, HP14 | few or none or none | few or none | N/A | Stored and exported | Recycling | Container and export | N/A | Unknown |
| ELV facility (Outgoing) | Components containing PCBs | 16 01 09* | HP6, HP7 | few or none | few or none | N/A | Stored and exported | Recycling | Container and export | N/A | Unknown |
| ELV facility (Outgoing) | Explosive components (e.g. airbags) | 16 01 10* | HP1 | few or none | few or none | N/A | Exploded during depollution | Remains landfilled | Trucks | Wasteserv Maghtab | Malta |
| ELV facility (Outgoing) | Brake pads containing asbestos | 16 01 11* | HP4, HP7 | few or none | few or none | N/A | Retained and exported | exported | container | N/A | Unknown |
| ELV facility (Outgoing) | Brake pads other than those mentioned in 16 01 11* | 16 01 12 | N/A | few or none | few or none | N/A | Shredded and exported | Recycling | Trucks and ship | N/A | Turkey |
| ELV facility (Outgoing) | Brake fluids | 16 01 13* | HP3, HP6 | 10ltr/month | 2000 ltr | >1100ltrs | Stored in special tanks in bunded area transferred to registered waste company for processing | Recycling | Transferred to registered waste company for processing | Waste Oils Company Ltd | Malta |
| ELV facility (Outgoing) | Antifreeze fluids containing hazardous substances | 16 01 14* | HP4, HP5, HP6, HP8 | 200 ltrs/week | 1000ltr | >250ltrs | Stored in sealed plastic tanks in bunded area and transferred to registered waste company for processing | | Exported, depending on availability Sealed plastic tanks in bunded area | Waste Oils ltd | Malta |
| ELV facility (Outgoing) | Antifreeze fluids other than those mentioned in 16 01 14* | 16 01 15 | N/A | 50 ltrs/week | 1000ltr | >100ltrs | Stored in sealed plastic tanks in bunded and transferred to registered waste company for processing | | Exported, depending on availability Sealed plastic tanks in bunded area | Waste Oils ltd | Malta |



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| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|-------------------------|--|-----------|---------------------------|-----------------------|--------------------------|------------------|--|----------------------|--|---|---------------------|
| ELV facility (Outgoing) | Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 | 16 02 13* | HP4, HP7 | few or none | few or none | N/A | Stored and exported | Recycling | Stored under cover | N/A | unknown |
| ELV facility (Outgoing) | Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 | 16 02 14 | N/A | 200kg/week | 1000kg | N/A | Dismantled / shredded and exported | Recycling | Stored under cover | N/A | Turkey |
| ELV facility (Outgoing) | Hazardous components arising from vehicles removed from discarded equipment | 16 02 15* | HP6, HP7 | few or none | few or none | N/A | Stored and exported | Recycling | Stored under cover | N/A | unknown |
| ELV facility (Outgoing) | Components removed from discarded equipment other than those mentioned in 16 02 15* | 16 02 16 | N/A | few or none | few or none | N/A | Stored and exported | Recycling | Stored under cover | N/A | unknown |
| ELV facility (Outgoing) | Ferrous metals | 16 01 17 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| ELV facility (Outgoing) | Non-ferrous metals | 16 01 18 | N/A | ~200 tonnes/quarter | ~200 tonnes | N/A | Shredded/baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| ELV facility (Outgoing) | Hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 (referring only to spent catalytic converters) | 16 01 21* | N/A | ~2 tonne/ year | ~1 tonne | N/A | Stored under cover and sold locally or exported | Recycling | Truck/ container | Malcolm Aquilina/ Lithuania | Malta/ Lithuania |
| ELV facility (Outgoing) | Discarded equipment containing chlorofluorocarbons, HCFC, HFC arising from vehicles | 16 02 11* | HP5, HP6, HP7, HP11, HP14 | few or none | few or none | N/A | Emptied and recycled | Recycling | Truck and ship | Gas sold locally/ metal exported | Malta |
| ELV facility (Outgoing) | Lead batteries | 16 06 01* | HP5, HP8 | 70-80 /week | ~400 | N/A | Stored under cover and sold to registered broker | Recycling | Secure truck | AGV (Malta) | Malta |
| ELV facility (Outgoing) | Other batteries and accumulators | 16 06 05 | N/A | 100/year | 200 | N/A | Stored under cover and sold to a registered broker or exported | Recycling | Secure container/ truck | N/A | Unknown |



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| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|---------------------------|--|-----------|---------|-----------------------|--------------------------|------------------|---|----------------------|--|---|---------------------|
| ELV facility (Outgoing) | Spent catalysts containing gold, silver, rhodium, palladium, iridium or platinum (except 16 08 07) | 16 08 01 | N/A | ~2 tonne/ year | ~1 tonne | N/A | Stored under cover and sold locally or exported | Recycling | Truck/ container | Malcolm Aquilina/ Lithuania | Malta/ Lithuania |
| Scrap facility (Outgoing) | Copper, bronze, brass | 17 04 01 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Aluminium | 17 04 02 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Lead | 17 04 03 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Zinc | 17 04 04 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Iron and steel | 17 04 05 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Outgoing) | Tin | 17 04 06 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Mixed metals | 17 04 07 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Cables containing oil, coal tar and other hazardous substances | 17 04 10* | HP3 | ~5 tonnes/year | ~25 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | UK |
| Scrap facility (Outgoing) | Cables other than those in 17 04 10* | 17 04 11 | N/A | ~25/tonnes/year | ~25 tonnes | N/A | Baled, retained in store and exported | Recycling | Container | N/A | UK |
| Scrap facility (Outgoing) | Ferrous metals removed from bottom ash | 19 01 02 | N/A | ~1000 tonnes/quarter | ~3000 tonnes/quarter | N/A | Retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Outgoing) | Iron and steel | 19 10 01 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Outgoing) | Non-ferrous metals | 19 10 02 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Shredded/ Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Ferrous metals | 19 12 02 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Outgoing) | Non-ferrous metals | 19 12 03 | N/A | ~200 tonnes/ quarter | ~200 tonnes | N/A | Shredded/ Baled, retained in store and exported | Recycling | Container | N/A | Italy/ Netherlands |
| Scrap facility (Outgoing) | Plastic and rubber | 19 12 04 | N/A | < 1 tonnes/year | ~ 1 tonne | N/A | Strapped and exported | Recycling | Container | N/A | UK |



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| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|---------------------------------------|--|-----------|----------|-----------------------|--|------------------|---|----------------------|--|---|---------------------|
| Scrap facility (Outgoing) | Other wastes (including mixtures of materials) from mechanical treatment or waste containing hazardous substances | 19 12 11* | HP5, HP7 | < 1 tonnes/year | ~ 1 tonne | N/A | Collected and exported | Treated? | Container | N/A | unknown |
| Scrap facility (Outgoing) | Other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11 | 19 12 12 | N/A | ~800 tonnes/year | ~60 tonnes | N/A | Stockpiled | Landfilled | Trucks | Wasteserv Maghtab | Malta |
| Scrap facility (Outgoing) | Metals | 20 01 40 | N/A | ~3000 tonnes/quarter* | ~5-6000 tonnes* | N/A | Shredded, retained in open yard and exported | Recycling | Trucks and ship | N/A | Turkey |
| Scrap facility (Outgoing) | Bulky waste | 20 03 07 | N/A | ~800 tonnes/year | ~60 tonnes | N/A | Stockpiled | Landfilled | Trucks | Wasteserv Maghtab | Malta |
| Yard (Outgoing) | Solids from grit chambers and oil/water separators | 13 05 01* | HP4-HP6 | 23,000ltrs/year | 1525 ltr total capacity 1210 ltr retention volume | N/A | Transferred to registered waste company for processing | Processed and reused | Stored in oil/water separator and pumped into licensed truck facility | Waste Oils Company Ltd | Malta |
| Yard (Outgoing) | Sludges from oil/water separators | 13 05 02* | HP5 | | | | | | | | |
| Yard (Outgoing) | Mixtures of wastes from grit chambers and oil/water separators | 13 05 08* | HP5 | | | | | | | | |
| Yard (Outgoing) | Other fuels (including mixtures) | 13 07 03* | HP5 | | | | | | | | |
| Scrap facility (Outgoing) | Absorbents, oil filters | 15 02 02* | HP4 | ~50/week | 100 | N/A | Drained, compressed in special compressor and shredded | Recycling | Same as ferrous waste | N/A | Turkey |
| Administration facilitates (Outgoing) | Aqueous liquid wastes other than those mentioned in 16 10 01 | 16 10 02 | N/A | 300,000lts/yr | 15 cubic m | N/A | Collected in cesspit which is emptied by local registered waste water collector | Treated | Regularly drained through sewage system to Ta' Barkat sewage treatment plant | Water Services Corporation | Malta |
| Administration facilitates (Outgoing) | Mixed municipal waste | 20 03 01 | N/A | 1 large bag/day | 2 bags | N/A | Domestic collection | Landfilled | Daily by means of refuse trucks | Council Contractor | Malta |
| Administration facilitates (Outgoing) | Plastics | 20 01 39 | N/A | 2-3 large bags a week | 5-10 bags | N/A | Domestic collection | Recycling | Once a week | | |
| Administration facilitates (Outgoing) | Metal | 20 01 40 | N/A | | | | | | | | |

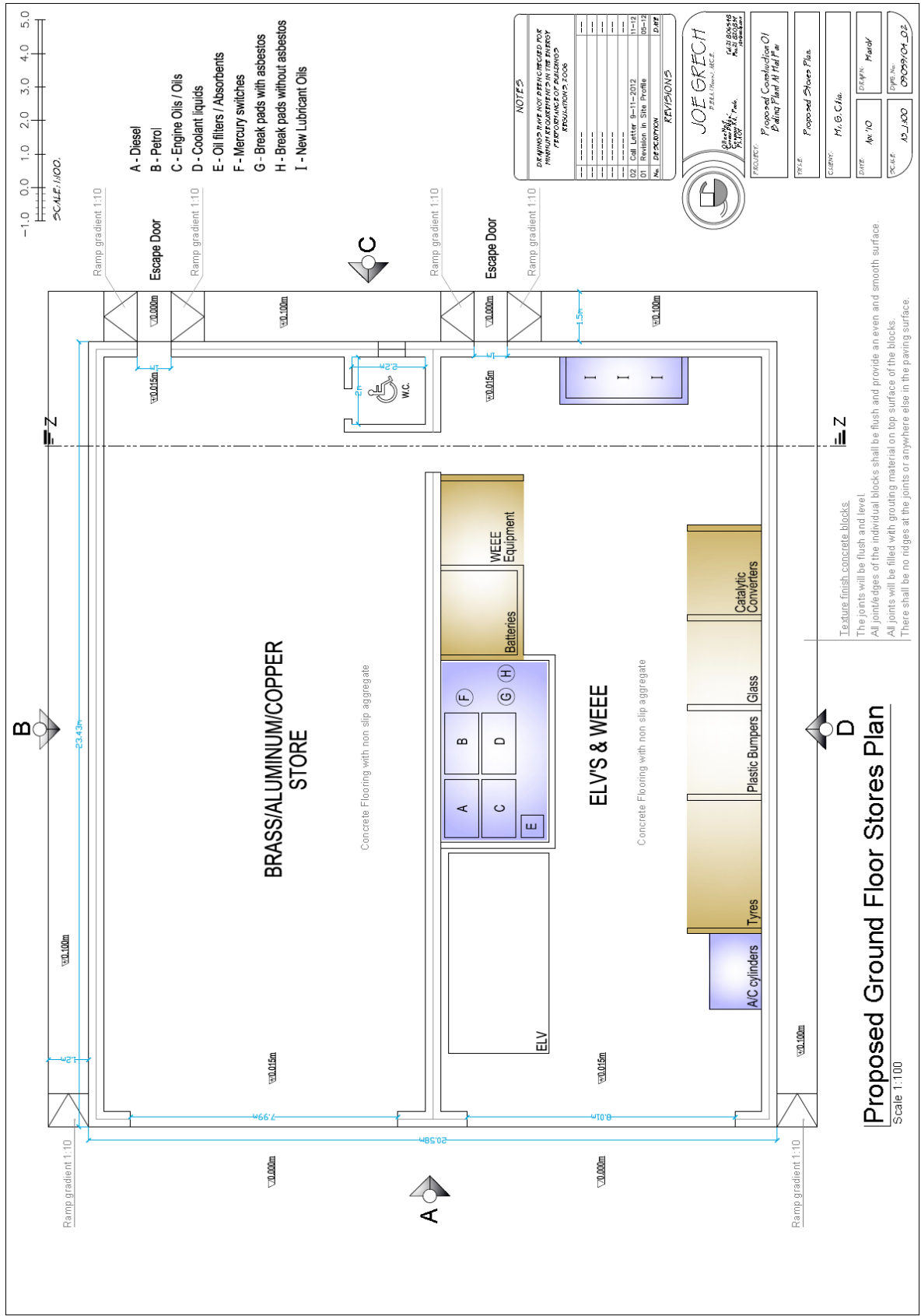


Waste Management Plan, Gasparell baling plant, *Hal Far*, l/o *Birżebbuġa*

| Activity | Waste Description | EWC Code | HP Code | Quantity Projected | Maximum Storage capacity | Bunding capacity | Internal Handling and Storage | Fate of waste stream | Frequency and Method of Transport to Disposal Site | Offsite Disposal Site/ Waste Management Company | Destination country |
|---------------------------------------|---|----------|---------|--------------------|--------------------------|------------------|-------------------------------|----------------------|--|---|---------------------|
| Administration facilitates (Outgoing) | Paper and cardboard | 20 01 01 | N/A | | | | | | | | |
| Administration facilitates (Outgoing) | Biodegradable kitchen and canteen waste | 20 01 08 | N/A | | | | | | | | |



Site Plan I





Site Plan II

