

**SUPPORTING INFORMATION FOR REQUEST FOR RENEWAL AND VARIATION  
FOR EP 00025/22 (EP 105/19)**

**SECTION A: Fire Emergency Plan**

The revision/updating of the Fire Emergency Plan and related documents have been commissioned to Ing. Andre' Muscat from Shield Consultants Ltd.

**SECTION B: Additional technical supporting information:**

1. in number vehicles are intended to be stored in the area for ELV post-depollution prior to further dismantling.
2. According to the requirements of the Medium Combustion Plant Directive, the Engine Rated Thermal Input for the Perkins generator, for the Volvo Penta mobile generator and for the Cummins Rotary Shredder are as per attached email. A detailed report will be submitted in the coming days.
3. Note that the Perkins Generator is part of the Pannizolo.
4. This is to confirm that the waste batteries under 200133\* and 200134 will only be stored (NO TREATMENT WILL BE CARRIED OUT).

**SECTION C: Method Statement for Dismantling and Storing of Washing Machines and Dryers**

The dismantling process involves JAC Steel removing the concrete brick pertaining to the washing machines, ferrous from non-ferrous metal, removal of electronics (and put aside) and the removal of most HDPE plastic. Once these components are all separated, the electronic and electrical parts are delivered to a competent WEEE treatment facility, whilst the plastic and metal are processed within the complex.

The storage and processing area are located in the basement of the complex. An approximate flow of [redacted] daily of such material is assumed with a total weight of about [redacted] stored on site. The permitted tonnage of tires processed and stored at the complex was reduced from [redacted] to allow the tolerance for the processing and storage of washing machines and dryers.

**SECTION D: Updates to End-of-Life Vehicles (ELV) and Waste Electrical and Electronic Equipment (WEEE)**

• **Geysers**

WEEE storage is circa [redacted]. Circa [redacted] sq.m are for the storage of geysers (equivalent to circa [redacted] tonnes or [redacted] geysers of an average weight of [redacted] each). Of the [redacted] sq.m, an area of 30 sq.m is reserved for circulation space and for packaging activities. Two to three of the largest size geysers are expected

to take up 1 sq.m. An average geyser of 10kg in weight occupies an area of 0.18 sq.m (rounded up to 0.20 sq.m given dead space between adjacent units). Where 100 geysers would require 20 sq.m, or stacked geysers approximately 5 rows high, over an area of 40 sq.m. The different WEEE areas are separated by a wall of globigerina blocks.

- **Airconditioning Units**

Air conditioners to be stored on site shall be free from refrigerants as per permit conditions. The storage requirement is dominated by air-conditioner compressor units where 10 tons would be approximately equivalent to 100 units with an average of 15kg each. Of the 200 sq.m storage space, 50 sq.m is reserved for circulation space and packaging activities. A compressor unit (vertical) would occupy about 0.3 sq.m. Therefore the 100 units would need a total area of 30 sq.m or stacked units, approximately 5 rows high, over an area of 150 sq.m. Different kinds of WEEE are separated by a wall of globigerina blocks. Hence geysers and air conditioning units are separated in this manner.

- **Fuel Storage Ground Floor**

The storage of liquid fuel is limited to 1000 litres which are being banded in an IBC Tank which has a capacity of 1000 litres.

- **Fuel Storage Basement Level**

The capacity of the bund shall be a minimum of 110% of the largest tank within the bund or 25% of the total capacity of all the tanks within the bund, whichever is greater. All filling and off-take points shall be located within the bund. Maximum quantity of fuel storage is of 100 cu.m that is kept in the vehicle depollution area and shown in the Basement Plan. Bund size is 10m by 10m, with a bund sill of 0.15m, giving a volume of 150 cu.m.

- **Pannizolo Aluminium Shredder**

The maximum daily capacity of the shredder is 500kg/h. Manufacturers' specifications are attached.

- **Batteries**

Pallets with batteries to be stored on site amount to 10000.

- **Roof of Shed:** completed

## SECTION E: Updated Layout Plans

Updated layout plans with the respective approved and proposed additional EWC codes have been submitted and codes are annotated as below:

<b>APPROVED EWC CODES</b>	
<b>EWC Code</b>	<b>Annotation</b>
EWC 160103 (waste tyres)	1
EWC 160601 (waste batteries)	2
EWC 170410, EWC 170411 (process: cable crushing area)	3
EWC 160107*, EWC 160108*, EWC 160109*, EWC 160110*, EWC 160111*, EWC 160112, EWC 160113*, EWC 160114*, EWC 160115, EWC 160116, EWC 160119, EWC 160120, EWC 160199 (components dismantled from ELV)	4
Process: ELV dismantling area	5
Quarantine area	6
EWC 160213*, EWC 160215*, EWC 160216 (process: washing machine dismantling area)	7
EWC 160117 (ferrous scrap metal from dismantling of ELV)	8
EWC 160118 (non ferrous scrap metal from dismantling of ELV)	9
EWC 191204 (processed waste plastic)	10
EWC 160214 (storage of electric motors)	10
EWC 200140, EWC 170407, EWC 100906, EWC 120101, EWC 120103 (scrap metal)	11
EWC 191202 (processed ferrous scrap metals)	12
EWC 191203 (processed non ferrous scrap metals)	13
EWC 160104* (ELV)	14
EWC 160106 (dismantled ELV)	15
Copper processing	16
<b>PROPOSED ADDITIONAL EWC CODES</b>	
<b>EWC Code</b>	<b>Annotation</b>
EWC 170401	Aa
EWC 170402	Bb
EWC 170403	Cc
EWC 170405	Dd
EWC 170406	Ee
EWC 191001	Ff
EWC 191002	Gg
EWC 191202	Hh
EWC 191203	Ii
EWC 200133*	Jj
EWC 200134	Kk

