



IPPC Metalco Ltd. IP 0002/13/B

Renewal and variation application of IP 0002/13/A

Environmental Permitting Unit
Environment and Resources Authority

The Installation



Activities on Site

- ▶ Collection, storage, separation and processing of waste.

- ▶ Section 5.5 in Schedule 1 of the IPPC Regulations:

“Temporary storage of hazardous waste not covered under point 5.4 pending any of the activities listed in points 5.1, 5.2, 5.4 and 5.6 with a total capacity exceeding 50 tonnes, excluding temporary storage, pending collection, on the site where the waste is generated”

- ◀ Section 5.3(b)(iv) in Schedule 1 of the IPPC Regulations:

“Recovery, or a mix of recovery and disposal, of non-hazardous waste with a capacity exceeding 75 tonnes per day involving”

.....

..... “Treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.”

Variation Request

- Variation to include:
 - ▶ Backfilling of a quarry next to the currently permitted site ;
 - ▶ The addition of a Zato Crusher for processing of WEEE components and metal wastes;
 - ▶ The reorganization of the site layout to more effective storage and handling resulting in an increase of the storage capacity from a current approximate 756 Tonnes to 4175 Tonnes.

Proposed Activities on site

- ▶ Backfilling of quarry.
- ▶ Collection, sorting and processing of various wastes;
- ▶ Operation of a various waste processing equipment including Crushers, and wire strippers; and
- ▶ Maintenance and repairs of own equipment

Waste accepted on site (1)

EWC Code	Description	Maximum Site Capacity
02 03 04	Tobacco unsuitable for consumption or processing	20 tonnes
04 02 22	Waste from processed textile fibres	30 tonnes
15.01.09	Textile packaging	
19 12 08	Textiles	
20 01 10	Clothes	
20 01 11	Textiles	
15 01 01	Paper and packaging	25 tonnes
19.12.01	Paper and cardboard	
20 01 01	Paper and cardboard	
15 01 02	Plastic Packaging	20 tonnes
16 01 03	End-of-life tyres	
16 01 19	Plastic	
19 12 04	Plastic and rubber	

Waste accepted on site (2)

EWC Code	Description	Maximum Site Capacity
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04	200 tonnes
15 01 03	Wooden Packaging	
17 02 01	Wood	
19 12 07	Wood other than that mentioned in 19 12 06*	
20 01 38	Wood other than that mentioned in 20 01 37*	
16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC	300 tonnes
16 02 13*	Discarded Equipment containing hazardous components other than those mentioned in 16 02 09 and 16 02 12	
16 02 15*	Hazardous components removed from discarded equipment	
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15*	
17 04 11	Cables other than those mentioned in 17 04 10	
20 01 23*	Discarded equipment containing chlorofluorocarbons	
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in mentioned in 20 01 21 and 20 01 23 containing hazardous components	

Waste accepted on site (3)

EWC Code	Description	Maximum Site Capacity
16 01 17	Ferrous metal	Ferrous Metals 2000 – 3000 tonnes
16 01 18	Non-ferrous metal	
17 04 01	Copper, bronze, brass	
17 04 02	Aluminium	
17 04 03	Lead	
17 04 04	Zinc	
17 04 05	Iron and steel	
17 04 06	Tin	
17 04 07	Mixed metals	
15 01 04	Metallic Packaging	
20 03 07	Bulky waste (mattresses only)	
08 03 17*	Waste printing toner containing dangerous substances	25 tonnes
08 03 18	Waste printing toner containing dangerous substances other than those mentioned in 08 03 17*	

Waste accepted on site (4)

EWC Code	Description	Maximum Site Capacity
16 06 01*	Lead batteries	300 tonnes
16 06 02*	Ni-Cd batteries	
16 06 03*	Mercury-containing batteries	
16 06 04	Alkaline batteries	
16 06 05	Other batteries and accumulators	
20 01 21*	Fluorescent tubes and other mercury containing waste (Batteries only)	
07 06 01*	Aqueous washing liquids and mother liquors	18 tonnes (including packaging)
07 06 03*	Organic halogenated solvents, washing liquids and mother liquors	
07 06 04*	Other organic solvents, washing liquids and mother liquors	
07 06 08*	Other still bottoms and reaction residues	
07 06 09*	Halogenated filter cakes and spent absorbents	
07 06 10*	Other filter cakes and spent absorbents	
07 06 11*	Sludges from on-site effluent treatment containing dangerous substances	
07 06 12	Sludges from on-site effluent treatment other than those mentioned in 07 06 11	
16 03 05*	Organic wastes containing dangerous substances	

Waste accepted on site (5)

The Permit specifies which WEEE can be processed and which WEEE can only be stored on site.

The permit also provides a list of Inert waste which can be accepted for backfilling the quarry and restricts this waste origin to demolition and construction waste.

Application timeline (1)

Date	Comments
26 th March 2016	Permit A issued and valid for three years
26 th September 2018	Due date for submission of renewal and Variation application
24 th October 2018	Submission of renewal application <i>Fees paid on 20th December 2018</i>
22 nd March 2019	Granting of extension of IPPC permit for a further 6 months from date of expiry (29th March 2019)
20 th September 2019	Granting of 2 nd extension of IPPC permit for a further 9 months from date of expiry (29th June 2020)

Application timeline (2)

Date	Comments
22 nd November 2019	Submission of replies by Metalco to ERA review enabling the start of the Regulatory Consultation from 23 rd March 2020.
1 st July 2020	Granting of extension of IPPC permit for a further 6 months from date of expiry (29 th December 2020)
16 th November 2020	Submission of consolidated IPPC application
16 th November 2020	Public Consultation concluded on the 30 th November 2020
25 th November 2020	Receipt of feedback from Metalco on the draft permit

Photos



Photos



Photos



Regulatory Consultation (1)

- ▶ **Regulator for Energy and Water Services (REWS)**
- ▶ **Water Services Corporation (WSC)**
- ▶ **Malta Resources Authority (MRA)**
- ▶ **Occupational Health and Safety Authority (OHSA)**
- ▶ **Environmental Health Directorate (EHD)**
- ▶ **Civil Protection Department (CPD)**
- ▶ **Planning Authority (PA)**
- ▶ **Energy and Water Agency (EWA)**
- ▶ **Transport Malta (TM)**

Regulatory Consultation (2)

Regulator for Energy and Water Services (REWS)	<ul style="list-style-type: none">• Requested that applicant apply for and register fuel storages with REWS.• This has been initiated and processed throughout the rest of the application process.• REWS also requested that fuel is only used for on-site stationary machines.
Water Services Corporation (WSC)	<ul style="list-style-type: none">• Requested that applicant applies for and obtains sewer discharge permit.• Application submitted. Permit still to be received.
Environmental Health Directorate	No Comments.
Planning Authority	No Comments.

Regulatory Consultation (3)

Occupational Health and Safety Authority (OHSA)	<p>Requested and obtained confirmation that site is not classified under the COMAH regulations.</p> <p>Provided site specific conditions for inclusion in the permit</p>
Civil Protection Department (CPD)	<p>Provided site specific conditions for inclusion in the permit</p>
Energy and Water Agency (EWA)	<p>Requested clarifications which were provided on the on site borehole which applicant stated was no longer in use and has been sealed.</p>
Transport Malta (TM)	<p>No comments on application.</p> <p>Provided site specific conditions for inclusion in the permit during draft permit consultation.</p>

Internal Consultation

Biodiversity and Water Unit	No comments
Ambient Quality & Waste	Requested that baseline noise monitoring is performed so that better assessment may be made on the requirements for regular noise monitoring.
Environmental Assessment	No comments

CED Feedback

Following several inspections carried out over 2019/2020, in which numerous non-compliances were repeatedly found, a Stop and Compliance Order (OWK0030/20) was issued against the site on 30th October 2020.

The non-compliances mainly relate to Improvement programme items, storage of waste not in accordance with the approved site layout plan, inappropriate storage of WEEE and lack of bunding.

CED have not received any complaints directly related to this facility. The AER and Audit report for 2019 have been provided as required.

Public Consultation

16th November till the 30th November 2020

No Comments were received from the Public.

- ▶ Permitted activities
- ▶ Operational Changes
- ▶ Discharges to land
- ▶ Odour
- ▶ Noise and Vibration
- ▶ Storage
- ▶ Accident prevention and control
- ▶ Monitoring

General Conditions

- ▶ Closure and decommissioning
- ▶ Records, Reporting and notification

Specific Conditions

- ▶ Emissions to air from 4 generators on site are allowed. The Generators do not fall within the threshold for Medium Combustion plants.
- ▶ Various conditions prescribing the Best Available Techniques (BAT) for the activities of this facility.
- ▶ Conditions controlling which WEEE can be processed as well as how this is to be processed.
- ▶ Conditions limiting backfilling of the quarry to inert waste from construction and demolition. Additionally it includes conditions to limit fugitive emissions from backfilling activities.

Specific Conditions

- ▶ All crushing activities of Aluminium profiles shall be performed with an eddy current machine to separate smaller particles
- ▶ The Permit holder may refuse the entry of any waste carrier in instances where the vehicle is not properly maintained and/or shall direct the waste carrier to make use of the cleaning facilities available on site.
- ▶ No parking of vehicles shall take place within the designated area in IP 0002/13/B/DOC1 until such time that the land surface is completely rendered with a suitable material which prevents petroleum intrusion into underlying land and groundwater.

Improvement Programme

Out of the 14 Improvement Program items:

- a) 7 have been satisfactorily addressed
- b) 2 have been reassessed as part of this application
- c) 5 are still pending and these have been included in the new permit.

Improvement Programme (1)

Reference	Requirement	Deadline
1	Submission of and baseline report in line with European Commission guidance pursuant to Regulations 9(3) and 16(2) of the Industrial Emissions (IPPC) Regulations, and approved doc IP 0005/13/B/DOC2	Within 9 months of issue of the permit
6	<p>Submission of a method statement for the implementation of a Noise Monitoring Survey, in accordance with the requirements of Schedule 4.</p> <p>Implementation of a Noise Monitoring Survey in accordance with the method statement approved as part of improvement programme Item 6a) above. The final report should include recommendations for proposed frequency of such monitoring in the future.</p>	<p>Submission of method statement approved by the ERA within 1 month of granting of permit.</p> <p>Submission of notification of initiation of survey within 2 months of the date of Granting of this permit</p> <p>Submission of the final report within 7 months the date of granting of the permit</p>

Improvement Programme (2)

Reference	Requirement	Deadline
7	Implementation of air monitoring programme in accordance with methodology submitted in approved doc IP 0005/13/B/DOC3. The final report should include recommendations for proposed frequency of such monitoring in the future.	<p>a) Submission of notification of air monitoring survey within 2 months of the date of granting of this permit</p> <p>b) Submission of air monitoring report within 4 months of the date of granting of the permit.</p>
10 [∞]	To obtain a Sewer Discharge Permit from the Water Services Corporation in accordance with Condition 3.3.17	Within one year of issue of the permit
12	Submission of an Outline Decommissioning Plan, in accordance with Condition 8.2	Within 4 months of issue of the permit

Operator's feedback

The Operator had no comments or feedback on the draft Permit.

Permit Fees & Guarantee

Application Fee:

- ▶ **€5,000** for renewal application – PAID
- ▶ **€1,000** for variation application – PAID

Outstanding Fees:

- ▶ Total of **€8,400**
 - €2,400 in inspections fees carried out to date (rate of €200 per inspection),
 - €6,000 in annual fees until 2021 (€1,000 per year).

Permit Fees & Guarantee

Future Remittances:

- ▶ **€1,000** in annual fees + variable sum depending on inspections carried out in the preceding year.

Bank Guarantee:

- ▶ **€48,650 (previously €11,500)**

Recommendation

▶ Based on

- ▶ The submissions by the operator;
- ▶ Recommendations by the Regulatory Consultees

The ERD recommends the **GRANTING** of this permit for a period of **4 years** subject to:

- ▶ Submission of a Bank Guarantee of **€ 48,650**
- ▶ Payment of outstanding fees of **€8,400**
- ▶ Payment of fines for OWK 0030/20 up to 18th December 2020 amounting to **€400**
- ▶ Updating of the baseline proposal as approved doc IP 0002/13/B/DOC2 in accordance with Regulation 16 (2) of S.L. 549.77
- ▶ Submissions of evidence that the bunding required as per the OWK has been installed