

# IPPC Documents

## C1.2

### Waste recycling facility and baling plant

*Hal Far, l/o Birżebbuġa*

**Variation of IP0004/12/A**

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The proposed changes to current IPPC permit mainly concern items which have been listed in the documentation submitted in 2013 with the application for the IPPC permit IP 0004/12/A. This consists mainly to cover the work carried out in the area dedicated to wire stripping.

### Wire stripping equipment

Gasparell Baling Plant Ltd possess two small bench top machine wire stripping machines, one for large cables (Figure 1) and one for smaller sized ones (Figure 2). Large wires are first cut by means of a large shearer (Figure 3). Then the small pieces of wires are inserted into either of the machines which separates the outer plastic cover from the metal cable inside. Cables are usually either made from copper or aluminium. These are stored in separate containers and are then compacted into small blocks by means of a small compactor (Figure 4). They are then stored and when there is a sufficient quantity, they are placed on pallets and exported. The cable stripping process takes place in the Brass/ copper/aluminium store situated at the entrance of the site.

In the future the company plans to buy a Scrap cable wire shredder machine (Figure 5) which is also a small sized machine which will be housed Brass/ copper/aluminium store. The main aim to use this machine is to use it on copper wire, especially thin wires to separate into tiny copper rice and PVC or rubber material and export it accordingly. This machine will be complementary to the wire stripping ones.



Figure 1: Model of large cable stripper



Figure 2: Model of small cable stripper machine



*Figure 3: Model of a shearer machine*



*Figure 4: Model of a small compacter machine used to compact wire*



*Figure 5: Industrial wire shredder machine*