

## IPPC DOC 3.1

### WASTE

The European waste catalogue and waste hazardous list ( EPA) defines waste as” *an substance or object belonging to a category of waste specified in the First Schedule [ of the Waste Management Act] or for the time being included in the European Waste Catalogue which the holder discards or intends or is required to discard, and anything which is discarded or otherwise dealt with as if it were waste shall be presumed to be waste until the contrary is proved”*

Based on the above definition 2 different types of waste can be identified in the proposed production of acetylene chiefly metal drums and Calcium Hydroxide slurry.

The Calcium Carbide used as a raw material for the manufacture of Acetylene employed at Poligas Ltd travels in 75 Kg sealed metal drums. .After use these metal drums are sold to third parties as scrap metal for recycling. According to the EPA classification this type of waste would carry a classification code of 061399.

Calcium hydroxide is obtained as a by product of the reaction between Calcium Carbide and water. This by product is collected and separated in underground cisterns where the water so collected is reused in the manufacture of acetylene , whereas the dried Calcium Hydroxide is incorporated in road construction activities as surface fill.

Reference EPA attached