

# Method Statement for Collection of Catalytic Converters from Auto Repair Shops

Zveyann Garage

Permit EP 1280/22

Address: Daħlet il-Mitjar il-Qadim, Hal Far, BBG3220

## 1. Objective

To outline the procedures for the safe, traceable, and compliant collection of catalytic converters from authorised auto repair shops for processing and recovery at Zveyann Garage.

## 2. Scope

This method applies to collection of:

- Intact catalytic converters
- Catalytic converters that have been opened for legitimate repair, refurbishment or component replacement

Only catalytic converters originating from auto repair facilities will be accepted.

## 3. Responsibilities

- Auto Repair Shops: Responsible for segregating and temporarily storing catalytic converters in dedicated containers.
- Zveyann Garage: Responsible for provision of containers to clients; pickup scheduling, transport using registered waste carrier vehicles, and maintaining documentation.
- Technically Competent Person (TCP): Oversees compliance, documentation integrity, and staff training.

## 4. Collection Procedure

### 4.1 Scheduling

- Collection will be scheduled in advance with auto repair facilities.
- Shops will be required to bag catalytic converters that have been opened, to prevent loss of material. Each catalytic converter will be bagged separately to avoid cross contamination.

### 4.2 Transportation

- Catalytic converters will be transported in sealed, labelled containers using Zveyann Garage's ERA-registered waste carrier vehicles.
- Each movement will be accompanied by:
  - A consignment note in line with applicable legislation
- Containers will be inspected for integrity prior to transportation, to determine whether they have been damaged during storage at the client facilities. Damaged containers will be replaced.
- The containers will be sealed and secured to prevent damage or material loss during transit.

## **5. Acceptance at Zveyann Garage**

- Accepted material will be stored as per permit conditions.

## **6. Processing at Zveyann Garage**

- Accepted material will be processed by trimming away the connection to the manifold piping using the shears.
- The contents of the catalytic converter will be scanned with a handheld XRF analyser to determine the content of valuable metals. [Converter can be detected through the manifold connection point, without the need to open the casing itself]
- a dust collection system with HEPA filters will be used to collect particulates that are generated by the process.
- all converters (with or without casings) will be sorted, bagged and stored in preparation for export as hazardous waste.

## **7. Recordkeeping**

All movements will be recorded in:

- The daily operations log (Condition 4.3.1 of EP 1280/22)
- A digital tracking system linking source, weight, EWC code, and destination
- Consignment notes and permits retained for a minimum of 5 years

## **8. Health, Safety & Environment**

- All collection staff will be trained on safe handling and spill prevention.
- Absorbent kits will be kept on all collection vehicles.
- No processing of catalytic converters will take place at client sites.