FMENV Representative: Miss Eze Ogechukwu F. SOI (NOO)

Company Address and Contact Persons:
The Initiates Plc. (TIP)
Plot 400, Location Road
Off Aba/PH Expressway (by Oyigbo Junction)
Umuebule 5, P.O Box 7242
Port Harcourt, Rivers State.
wms@initiatesgroup.com
www.initiatesgroup.com

Managing Director: Engr. Reuben Ossai - 08030871440

On-Site Representative / Waste Destruction Manager:
i. Nwachukwu Vincent - 08030459518

Purpose of the Visit:
- To monitor the destruction of the remaining (2) cylinders from the 1.5T CFC-12 collected under the UNIDO Project for the Disposal of ODS;
- To confirm the company’s compliance with the initial observations made by the FMEnv team.

Introduction:
The officer representing the National Ozone Officer, FMEnv, Engr. Idris Abdullahi, who was unavoidably absent due to other official commitments, Miss Ogechukwu Eze, arrived the facility at about 10:25 am on Wednesday, 25th July 2018 and met with the MD, TIP who handed her over to the Innovation Analyst and Safety Officer to continue with the stakeholder meeting holding in his office.
She was briefed by the Innovation Analyst, Mr. Temitope Adewale on the safety precautions of TIP. The officer stated the purpose of the visit before proceeding to the destruction site to monitor destruction of the remaining 2 cylinders of CFC-12 wastes and also confirm the company’s compliance with the following observations made during the Ministry’s last visit:

i. Provision of a proficient laboratory to analyze the parameters such as Chloride, Flouride contents
ii. Whether the leakages observed have been fixed
iii. How the liquid wastes remaining in the cylinder after burning are disposed off
iv. How the empty cylinders are kept.
On- Site Destruction:
After achieving destruction temperature of 1000°C at the primary chamber and 1400°C at the secondary chamber, the 2 cylinders containing the CFC-12 wastes were immersed inside a drum of water to prevent freezing of gases in the cylinder. The CFC was fed into the primary chamber for destruction which lasted for 1 hour 25 mins. The empty cylinders were kept in the plant’s process ground floor with the other remaining 129 earlier destroyed. The Waste Destruction Manager informed the FMENV rep. that the drum of water was to prevent the gases from blocking so as to enable smooth and effective gas flow (diffusion) into the primary chamber of the incinerator. Hence, the CFC transfers its temperature to the water avoiding freezing.

Outcome of the Visit:

- A proficient laboratory was employed to analyze the samples for parameters such as chloride and fluoride. The result of the analysis is out and has been forwarded to TIP (the officer confirmed the receipt of the result).
- The leakage areas were fixed with a high temperature lagging material before the entire destruction commenced
- There was no liquid remaining in the cylinders again since the company employed the technique of immersing the cylinders inside a drum of water to prevent freezing of the gases
- All the empty cylinders were kept in the plant’s process ground floor.

Conclusion:
The 2 remaining cylinders were successfully incinerated, which led to completion of the entire destruction process.
The officer advised the waste manager of the company to ensure that the empty cylinders are carefully arranged and kept for any further destruction process. As raised by the National Ozone Officer, Engr. Idris during the last visit, Miss Eze re-emphasized on the need for the company to produce a small pamphlet which could serve as a short report on the CFC-12 destruction process in Nigeria and also serve as a marketing strategy for the company too.
After de-briefing, the FMENV officer thanked the MD TIP, regretting the absence of the National Ozone Officer who was unavoidably absent as a result of other official engagement. The MD expressed his appreciation over the success of the destruction process. He hoped to maintain excellent collaboration with the NOO and the Ministry at large. The visit ended and the Fmenv officer left the facility at about 3:25 pm.

Report Submitted By:
EZE OGECHUKWU F. SOI (NOO)
26th July, 2018.
Photos of the Meeting:

Engr. Idris A.I, National Ozone Officer
Mr. Muyiwa (UNDP) giving goodwill message

Mr. Etienne (MPU Unit) during his presentation
L-R: Engr. Idris (National Ozone Officer), Dr. Omotosho (HPMP National Consultant), Mrs. Agbenla (Federal Controller, FMEnv Lagos), Mr. Amir Williams (Egypt), Mr. Bert V. (International Consultant), Mr. Etienne (MPU) and Mr. Banjo (UNIDO) during the strategy meeting.
Mr. Banjo (UNIDO)

Mr. Amir, Egypt. (South-South cooperation)

HPMP National Consultant during his presentation
UNDP & UNIDO National Consultants during their presentation.

Cross section of some Participants