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CLB/TW/T20050140C

26 Nov 2019

Cramoil Singapore Pte Ltd
4, Tuas View Lane,
Singapore 637750

Attn: Tan Kim Seng

Dear Sir/Mdm

RENEWAL OF TOXIC INDUSTRIAL WASTES COLLECTOR'S LICENCE

We refer to your application for the Toxic Industrial Waste Collector's Licence. We are pleased to inform you that your application has been approved and your Toxic Industrial Waste Collector's Licence No. T20050140C is attached.

Yours faithfully

NEO MIN QI
for DIRECTOR
DEVELOPMENT CONTROL AND LICENSING DEPARTMENT

This is a computer-generated letter and requires no signature.

**LICENCE ISSUED UNDER THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95)
THE ENVIRONMENTAL PUBLIC HEALTH (TOXIC INDUSTRIAL WASTE) REGULATIONS**

Name of Licensee :
CRAMOIL SINGAPORE PTE LTD

Licence No. : **T20050140C**

Registered Address :
**4, TUAS VIEW LANE,
SINGAPORE 637750**

CO. Certificate No. : **198802747H**

Type of Licence: **Toxic Industrial Waste Collector**

SPECIAL CONDITIONS FOR TOXIC INDUSTRIAL WASTE

1. The licensee shall only receive or accept the following:

Please see attached Annex A.

2. The toxic industrial waste only be stored, reprocessed, used, treated or disposed of in approved disposal facility located at:

**4, Tuas View Lane,
Singapore 637750**

3. Other Licensing Conditions:

Please see attached Annex B.

25/11/2019
DATE OF ISSUE


TAN KWEE CHAI
for DIRECTOR
DEVELOPMENT CONTROL AND LICENSING DEPARTMENT

THIS LICENCE IS NOT VALID UNLESS SUPPORTED BY A VALID RECEIPT BELOW

Receipt : 11611424

CO. Certificate No. : 198802747H

Licence No. : T20050140C

Fees Due : \$285

Expiry Date : 31/12/2020

Validity Period : 12 Months

Non GIRO payment

Payment Date : 22/11/2019

CRAMOIL SINGAPORE PTE LTD

The licensee shall only receive or accept the following:

1. Spent halogenated solvent
Methylene chloride, trichloroethylene, perchloroethylene, chloroform;
2. Spent non-halogenated solvent
Acetone, methanol, solvent R150, xylene, toluene, butanol, isopropyl alcohol, methyl ethyl ketone, turpentine, thinner, butyl cellosolve, ethanol, hexane, methyl isobutyl ketone, polyol, solvent R100, methylene di-isocyanate, toluene di-isocyanate, isopropyl acetate, ethyl acetate, dabco-triethylenediamine, amox waste-mixture of ethylhexanoic acid/acetone/diethyl acetamide, kerosene, ethylene glycol, benzene, phenol;
3. Spent trimethylaluminium;
4. Spent cyanogens bromide;
5. Spent diethylzinc;
6. Pathogenic wastes from hospitals, health-care establishments and health institutions;
7. Obsolete laboratory chemicals, excluding aromatic, chlorinated compounds and radioactive chemicals;
8. Waste from the production, formulation and use of inks, dyes, pigments, paint, lacquers, varnish containing organic solvent, heavy metals or biocides, excluding aromatic chlorinated compounds;
9. Tanker sludge and oil sludge/residues from storage tanks;
10. Oil and sludge from oil interceptors;
11. Waste rages, wipes and absorbent material contaminated with acids/alkalis, solvent and oil, excluding aromatic chlorinated compounds;
12. Waste from the production, formulation and used of resins latex, plasticisers, glue/adhesives containing solvent, excluding aromatic chlorinated compounds;
13. Lubricant additives mixed with water;
14. Disulphide oil;
15. Pesticide
Agro-2,40 Amin 720 G/L A.E.SL, Deltamethrin 1.5 EC, Dimethoate 40 EC, Glyphosate 41 SL, Permethrin 10 EC, Temephos 1 EC, Chlorpyrifos 20 EC, Diazinon 50 EC, Fenthion 50 EC, Malathion 50 EC, Propoxur 20 EC and Sofit N 300EC;
16. K-step wastewater and H-step wastewater;
17. Grey water;
18. Fixer and developer;
19. Spent Coolant (i.e. Oil water emulsion);
20. Spent enoxaparin sodium and semuloparin sodium;
21. Spent benzethonium heparinate;
22. Spent hydrochloric acid, sulphuric acid, nitric acid, phosphoric acid, hydrogen fluoride, acetic acid, boric acid, chromic acid, sulphonic acid, citric acid;
23. Spent sodium hydroxide, potassium hydroxide, ammonium hydroxide, calcium hydroxide;
24. Sludge/residues from paint stripping containing benzyl alcohol, hydrogen peroxide, methylene chloride, toluene, ethanol, sodium chromate, methanol, formic acid, benzyl formate, linear alkylated aryl hydrocarbon, ammonium bicarbonate; and
25. Empty containers (paint), empty containers (oil/waste oil), empty containers (resin), empty containers (acrylic), empty containers (varnish), empty containers (hydrogen peroxide); empty containers (solvents), empty containers (acid) and empty containers (alkali).

Annex B to Licence No. T20050140C

CRAMOIL SINGAPORE PTE LTD

Other Licensing Conditions:

1. All toxic industrial wastes shall be processed within 3 months from the date of collection;
2. Toxic industrial wastes shall only be stored under shelter within your premises. No storage of toxic industrial wastes in the open is allowed;
3. Toxic industrial wastes collected shall be treated in accordance with the method approved during licence application / inclusion;
4. Incineration of toxic industrial wastes shall comply with the latest edition of the Guidelines for Special Waste Incinerators (for collector installed with incinerator);
5. Storage and transportation of toxic industrial wastes shall conform to the latest version / edition of the following Code of Practice and Singapore Standard:
 - a) Singapore Standard SS 603: 2014 Code of Practice for Hazardous Waste Management;
 - b) Singapore Standard SS 586: Part 1: 2014 Specification for Hazard Communication for Hazardous Chemicals and Dangerous Goods;
6. All your drivers and the drivers of your carriers/transporters are required to possess a valid Hazmat Transport Driver Permit (HTDP) issued by SCDF to transport liquid toxic industrial wastes (e.g. Class 3 and Class 8 liquids);
7. In the event of an incident which occurred at your approved premises or during transportation related to toxic industrial waste, such as major breakdown of the treatment facilities, fire break-out at the premises, accident on the road, etc., the sole-proprietor/partner/director of your company shall immediately notify the NEA Call Centre at 6225 5632 on the time, location and nature of the incident, chemicals involved and casualties (if any); Also, as soon as practicable, the sole-proprietor/partner/director shall furnish to National Environment Agency (NEA)-Pollution Control Department, a detailed report in writing -
 - a) as to the circumstances of the incident;
 - b) the immediate actions and mitigating measures taken by him and the measures taken to restore the affected areas to normalcy; and
 - c) the measures taken by him to prevent a recurrence of a similar incident;
8. Your company shall maintain and submit to NEA-Pollution Control Department an up-to-date Emergency Response Plan (ERP) upon any changes to your company's waste handling process or hazardous substances storage locations within the premises. The ERP shall detail the response measures and Standard Operating Procedures that the company's emergency response team will initiate, following the onset of an incident. The ERP shall also take into consideration the response and mitigation actions to be taken for both chemical spillage and fire incidents, including the containment measures for fire-fighting water;
9. Your company shall file your monthly returns on the inventory of toxic industrial waste handled/stored on-site through the Pollution Control Licensing System (<https://eservices.nea.gov.sg/pcls/>). The monthly returns for the particular month shall be filed in the system no later than the 7th of the subsequent month;
10. No export of hazardous wastes under the Basel Convention or waste controlled by importing countries' competent authorities is allowed without prior approval from NEA-Pollution Control Department;
11. Your company shall engage an independent accredited testing body to conduct source emission tests for your stacks and chimneys, in accordance with the "emission standards for special waste incinerators". The tests shall be conducted and submitted to the NEA-Pollution Control Department **by 31 Oct of each year**; and
12. Your company shall engage an independent accredited consultant to conduct safety audit as specified under the scheme once every two years. A safety audit report in conformity with NEA-Pollution Control Department's guideline on the Safety Audit Scheme on the Management of Hazardous Substances shall be submitted to NEA-Pollution Control Department **once every 2 years, on or before 1 Aug**. The safety audit report shall be conducted by one of the safety audit firms listed in Annex 2 of the Safety Audit Guidelines on NEA's website and countersigned by an accredited lead auditor.

Biohazardous Waste

1. All biohazardous waste collected shall be incinerated in your approved incinerator within 24 hours after collection;
2. Cytotoxic wastes shall be incinerated under high temperature. i.e. minimum temperature of 1000°C with minimum residence time of 1s in the secondary burning chamber;
3. Sheltered area shall be provided for the storage of biohazardous waste bins;
4. Biohazardous waste shall be stored in their original receptacles while waiting for incineration. No transferring of waste between receptacles is allowed;
5. Biohazardous waste bins shall be washed and sterilised before returning to customer; and
6. You are to stop all collection of biohazardous wastes and to inform NEA-Pollution Control Department when your incineration operation is stopped for 24 hours or more.