

CLB/TW/TA-0484

13 Dec 2019

**M/s Cramoil Singapore Pte Ltd
4, Tuas View Lane
Singapore 637750**

Attn: Tan Kim Seng

Dear Sir/Mdm

**TRANSPORT APPROVAL FOR TRANSPORTATION OF TOXIC INDUSTRIAL WASTE TO 4
TUAS VIEW LANE SINGAPORE 637750**

Please refer to your application on 19 Nov 2019.

- 2 Transport Approval Number: **TW/TA-0484** is attached.
- 3 Please ensure that you, your carrier and driver comply with the requirements as specified in the Environmental Public Health (Toxic Industrial Waste) Regulation.

Yours faithfully

NEO MIN QI
for DIRECTOR
DEVELOPMENT CONTROL AND LICENSING DEPARTMENT

This is a computer-generated letter and requires no signature

**TRANSPORT APPROVAL FOR
TRANSPORTATION OF TOXIC INDUSTRIAL WASTE**
The Environmental Public Health (Toxic Industrial Waste) Regulations 1988

Transport Approval No.	TW/TA-0484
Date of Expiry	31 Dec 2020
Permitted Transportation Hours	0700-1900 hours within Jurong Industrial Estate, Tuas Industrial Estate & Jurong Island (Monday – Saturday)
	0900-1700 hours for other areas (Monday – Saturday)
Transportation of TIW is not allowed on Sundays and Public Holidays	

APPROVED HOLDER

Name of Company	M/s Cramoil Singapore Pte Ltd
TIW Collector's Licence No.	T20050140C
Registered Address	4 Tuas View Lane Singapore 637750
Site Address	4 Tuas View Lane Singapore 637750

TYPE OF TOXIC INDUSTRIAL WASTE AND PERMITTED TO TRANSPORT

Types of Waste	Physical State	Means of Packing/ Tank Serial No.	Capacity (litre)	Tank Expiry Date
<u>Spent Halogenated Solvents</u> Methylene chloride, trichloroethylene, perchloroethylene and chloroform	Liquid	1. Drum	1. 80,100 & 200	1. N.A
		IBC 2. ZR9165 to ZR9248	2. 1,000	2. May 2021
<u>Spent Non-Halogenated Solvents</u> 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 and phenol K-step wastewater and H-step wastewater Grey water		<u>Vacuum Tank/ISO Tank</u> 3. CRAM 9000012	3. 24,150	3. Dec 2021
		4. CRAM 9000028	4. 24,000	4. Dec 2021
		5. CRAM 9000033	5. 24,183	5. Dec 2021
		6. CRAM 9549727	6. 24,000	6. May 2020
		7. CRAM 9539293	7. 25,300	7. Jun 2020
		8. CRMU 3500844	8. 20,000	8. Jun 2020
		9. CRMU 8000146	9. 20,110	9. May 2020
		10. CRMU 8000059	10. 23,000	10. Sep 2020
		11. CRMU 8000038	11. 23,800	11. Oct 2020
		12. CRMU 8000070	12. 24,245	12. Oct 2020
		13. CRMU 8000104	13. 23,090	13. Sep 2020
		14. CRMU 8000090	14. 23,000	14. Sep 2020
		15. CRMU 8000167	15. 23,890	15. May 2020
		16. CRMU 8000151	16. 23,955	16. May 2020
		17. CRMU 9000080	17. 24,090	17. Oct 2021
		18. CRMU 9000069	18. 23,960	18. Oct 2021
		19. CRMU 2420175	19. 23,905	19. Feb 2020
		20. CRMU 2420176	20. 24,090	20. Mar 2020
		21. CRMU 2420177	21. 24,000	21. Feb 2020
		22. CRMU 2420178	22. 23,985	22. Feb 2020
		23. CRMU 9000060	23. 21,070	23. Mar 2020
		24. CRMU 2017001	24. 20,000	24. May 2020
		25. CRMU 2017002	25. 20,000	25. May 2020

Types of Waste	Physical State	Means of Packing/ Tank Serial No.	Capacity (litre)	Tank Expiry Date
Spent hydrochloric acid, sulphuric acid, nitric acid, phosphoric acid, hydrogen fluoride, acetic acid, boric acid, chromic acid, sulphonic acid and citric acid Spent sodium hydroxide, potassium hydroxide, ammonium hydroxide and calcium hydroxide		26. CRMU 2018030 27. CRMU 2018024 28. CRMU 2018019 29. CRMU 8020191 30. CRMU 8000043 31. CRMU 8000085 32. CRMU 3220102 33. CRMU 8000064 34. CRMU 2800162 35. CRMU 2800075 36. CRMU 1640537 37. OTLU 2112935 38. JPCU 2283102 39. CRMU 2420115 40. CRMU 2420120	26. 23,910 27. 21,180 28. 21,141 29. 23,852 30. 24,000 31. 23,891 32. 20,000 33. 23,000 34. 19,400 35. 19,400 36. 24,005 37. 22,500 38. 23,885 39. 24,039 40. 24,047	26. Mar 2023 27. Mar 2023 28. Mar 2023 29. Feb 2022 30. Jun 2021 31. Jul 2021 32. Jun 2021 33. May 2021 34. May 2021 35. Jul 2021 36. Jul 2021 37. Jul 2021 38. Oct 2021 39. May 2022 40. May 2022
Spent trimethylaluminium Spent cyanogens bromide Spent diethylzinc Lubricant additives mixed with water Disulphide oil <u>Pesticide</u> 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 Fixer and developer Spent Coolant (i.e. Oil water emulsion) Spent enoxaparin sodium and semuloparin sodium Spent benzethonium heparinate Sludge/residues from paint stripping containing benzyl alcohol, hydrogen peroxide, methylene chloride, toluene, ethanol, sodium chromate, methanol, formic acid, benzyl	Liquid	1. Carboy 2. Drum <u>IBC</u> 3. ZR9165 to ZR9248	1. 5, 10, 20, 25 & 50 2. 80, 100 & 200 3. 1, 000	1. N.A 2. N.A 3. May 2021

Types of Waste	Physical State	Means of Packing/ Tank Serial No.	Capacity (litre)	Tank Expiry Date
formate, linear alkylated aryl hydrocarbon and ammonium bicarbonate				
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)	Solid	1. Carboy 2. Drum IBC 3. ZR9165 to ZR9248	1. 5, 10, 20, 25 & 50 2. 80, 100 & 200 3. 1, 000	1. N.A 2. N.A 3. May 2021
Pathogenic wastes from hospitals, health-care establishments and health institutions	Solid/ liquid	1. Biohazardous Bin 2. Sharp Box	1. 80, 240 & 600 2. 1.63, 6, 7.6 & 10	1. N.A 2. N.A
Obsolete laboratory chemicals, excluding aromatic, chlorinated compounds and radioactive chemicals 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 Waste rages, wipes and absorbent material contaminated with acids/alkalis, solvent and oil, excluding aromatic chlorinated compounds Waste from the production, formulation and used of resins latex, plasticisers, glue/adhesives containing solvent, excluding aromatic chlorinated compounds	Soilid/ liquid	1. PP Bag 2. Carboy 3. Drum IBC 4. ZR9165 to ZR9248	1. 25 & 1,000 2. 5, 10, 20, 25 & 50 3. 80, 100 & 200 4. 1, 000	1. N.A 2. N.A 3. N.A 4. May 2021
Tanker sludge and oil sludge/residues from storage tanks Oil and sludge from oil interceptors	Solid/ liquid	1. PP Bag 2. Carboy 3. Drum	1. 25 & 1,000 2. 5, 10, 20, 25 & 50 3. 80, 100 & 200	1. N.A 2. N.A 3. N.A

Types of Waste	Physical State	Means of Packing/ Tank Serial No.	Capacity (litre)	Tank Expiry Date
		<u>IBC</u> 4. ZR9165 to ZR9248 <u>Vacuum Tank/ISO Tank</u> 5. Refer to the 38 vacuum tank/ISO tank stated in the above table	4. 1,000 5. Refer to above table	4. May 2021 5. Refer to above table

Note:

- a) This Transport Approval takes effect from **01 Jan 2020**.
- b) This Transport Approval will not cover those tanks once the expiry date has lapsed.
- c) **The Underground CTE, Fort Canning, KPE Tunnels, Benjamin Sheares Bridge, SLE, BKE, Bartley-Tampines Viaduct, West Coast Highway Viaduct and Marina Coastal Expressway(MCE) are not allowed for transportation of toxic industrial waste.**

13 Dec 2019

Date

WJF
Lim Jia Fang

Name of Authorised Officer