

**National Environment Agency
Pollution Control Licensing System (PCLS)**

Toxic Industrial Waste (TIW) Monthly Returns User Guide

Submission of Toxic Industrial Waste monthly returns is required for Toxic Industrial Waste Collector to report monthly waste transactions.

To submit a return, the user is required to have a valid Toxic Industrial Waste Collector Licence.

There are five types of monthly returns for submission. The licence holder is not required to file all types of returns for the month. He is required to file the returns where appropriate.

The types of returns available in the system are:

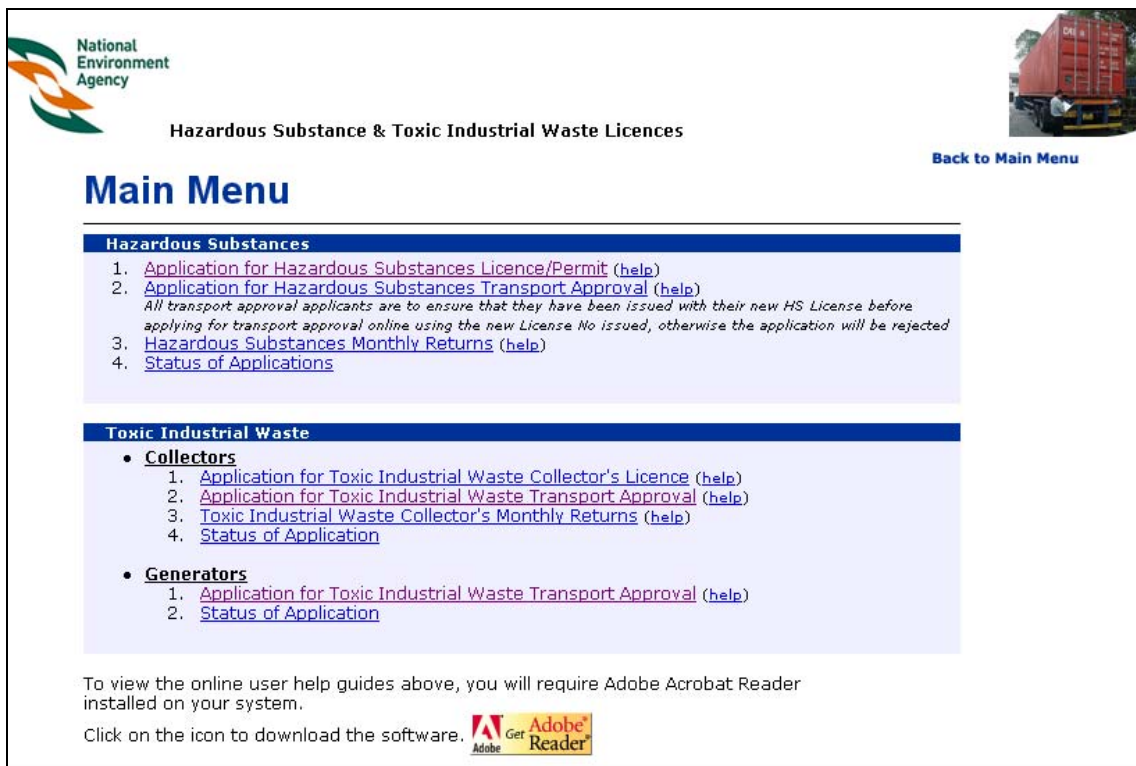
- TIW Solid / Liquid
- PVC Waste
- Pathogenic Waste
- Empty Chemical Containers
- Lead Acid Battery

1 How to Get Started

The User Guide is designed to provide an introduction to the Pollution Control Licensing System (PCLS). **To access the PCLS Main Menu, please go to the website below.**

<http://app1.env.gov.sg/pcls/controller?event=WELCOME>

User to click on “Toxic Industrial Waste Collector’s Monthly Returns” at PCLS main menu as shown below.



National Environment Agency

Hazardous Substance & Toxic Industrial Waste Licences

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Main Menu


Hazardous Substances

- [Application for Hazardous Substances Licence/Permit \(help\)](#)
- [Application for Hazardous Substances Transport Approval \(help\)](#)
All transport approval applicants are to ensure that they have been issued with their new HS License before applying for transport approval online using the new License No issued, otherwise the application will be rejected
- [Hazardous Substances Monthly Returns \(help\)](#)
- [Status of Applications](#)

Toxic Industrial Waste

- Collectors**
 - [Application for Toxic Industrial Waste Collector's Licence \(help\)](#)
 - [Application for Toxic Industrial Waste Transport Approval \(help\)](#)
 - [Toxic Industrial Waste Collector's Monthly Returns \(help\)](#)
 - [Status of Application](#)
- Generators**
 - [Application for Toxic Industrial Waste Transport Approval \(help\)](#)
 - [Status of Application](#)

To view the online user help guides above, you will require Adobe Acrobat Reader installed on your system.

Click on the icon to download the software. 

Select 'Existing Licence Holder' and click 'Next' to proceed.



Toxic Industrial Waste Module Verification Selection

Log-in Type :

Log-in Types:

- Existing Licence Holder: If you are an existing TIW Collectors' Licence holder, select this option
- New - With Reference ID: If you have an existing application in our system, you may log in with the 'Reference ID' that has been issued to you.
- New Licence Applicant: If you would like to start a fresh new application, select this option.

The user has to key in the Licence/Permit number, Login Authorised NRIC / Employment Pass No and the Business Ref ID for the licence/permit. Click the ‘Next’ button. By default, the login authorised NRIC / Employment Pass No is the applicant NRIC / Employment Pass No for each newly generated licence/permit.

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Verification	
Licence / Permit No. :	<input style="width: 100%;" type="text"/> (e.g. D0111L050000)
Login Authorised NRIC / Employment Pass No. :	<input style="width: 100%;" type="text"/> (e.g. S1122334J, A2348338)
Business Ref ID. :	<input style="width: 100%;" type="text"/>
<i>Retrieve your business ref ID? Click here.</i>	
<input type="button" value="Back"/> <input type="button" value="Next"/>	

Upon successful login, the following Menu page will be displayed. Click on “Toxic Industrial Waste Collector’s Monthly Returns” to proceed.

By default, the system will display the current month and year and the list of Toxic Industrial Wastes. User may select the month and year that they are filing for.

Enter/Edit Returns for Toxic Industrial Waste» SELECT MONTH																			
Toxic Industrial Waste Licence No.:	TL_TEST																		
Company Name :	Test Company																		
Month/Year:	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">Dec</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">2003</div> <input type="button" value="Select"/> </div>																		
<table border="1" style="width: 100%; border-collapse: collapse; background-color: #f2f2f2;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Select</th> <th>Report Type</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input checked="" type="radio"/></td> <td>TIW Solid / Liquid</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>PVC Waste</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Pathogenic Waste</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Empty Chemical Containers</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Lead Acid Battery</td> <td></td> </tr> </tbody> </table>		Select	Report Type	Status	<input checked="" type="radio"/>	TIW Solid / Liquid		<input type="radio"/>	PVC Waste		<input type="radio"/>	Pathogenic Waste		<input type="radio"/>	Empty Chemical Containers		<input type="radio"/>	Lead Acid Battery	
Select	Report Type	Status																	
<input checked="" type="radio"/>	TIW Solid / Liquid																		
<input type="radio"/>	PVC Waste																		
<input type="radio"/>	Pathogenic Waste																		
<input type="radio"/>	Empty Chemical Containers																		
<input type="radio"/>	Lead Acid Battery																		
<input type="button" value="Next"/> <input type="button" value="Cancel"/>																			

2 TIW Solid / Liquid Monthly Returns

This screen allows users to file monthly returns for TIW Solid / Liquid returns type.

It is displayed after user has selected 'TIW Solid / Liquid' returns type and click 'Next' from the selection page.

This return type is split into two sections, 'Collection' and 'Treatment'.

The following screen shows the entry screen for 'Collection'.

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence					
Company :		Test Company			
Licence No. :		TL_USER			
Type :		Waste handled (m3) for Solid / Liquid Waste			
Month / Year :		Dec 2003			
Collection (m3) :					
Category	Bal b/f	fm Generator	fm Licensed Collector	Sub-Total	
LIQUID :					
Solvent	Halogenated	100	50	52	202
	Non-halogenated	0	0	0	0
	Waste Oil	0	0	0	0
	Oily Water	0	0	0	0
	Coolant	41	20	18	79
Etchant	Ammonium Etchant	0	0	0	0
	Cupric Chloride	0	0	0	0
	Ferric Chloride	0	0	0	0
	Acid	30	100	130	260
	Alkali	0	0	0	0
	Other Liquid Chemicals	0	0	0	0
Sub Total for Liquid :		171	170	200	541
SOLID :					
Metallic Sludge	Caride Sludge	0	0	0	0
	Copper Sludge	0	0	0	0
	Solder Waste	11	310	100	421
	Nickel Cadminum	0	0	0	0
	Other Solid Chemicals	0	0	0	0
Tanker Waste	Slope Oil	30	100	350	480
	Oil Sludge	0	0	0	0
	Ballest Water	0	0	0	0
Residue	Gen. fm Solvent Reclamation	0	0	0	0
	Gen. fm Oil/Coolant Reclamation	0	0	0	0
	Incineration Ash	0	0	0	0
Sub Total for Solid :		41	410	450	901
<input type="button" value="Calculate"/>					
Grand Total for Collection :		212	580	650	1442
Remarks :	Transactions for the current month is ...				
Officer's Remarks:					
<input type="button" value="Back"/> <input type="button" value="Save and proceed to Treatment"/> <input type="button" value="Submit"/>					

The waste items are split into 'Liquid' and 'Solid', which in turn are split into waste categories.

To save the entries and proceed to 'Treatment' page, click on 'Save and proceed to Treatment'.

To submit the returns, click on 'Submit'.

The following screen displays the entry screen for treatment. You may enter values and either save or submit the monthly returns.

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence												
Company :		Test Company										
Licence No. :		TL_USER										
Type :		Waste handled (m ³) for Solid / Liquid Waste										
Month / Year :		Dec 2003										
Treatment :												
Category	Dir. Reuse	Export (Base App)	Resale to L. TIWC	Recyc / Rec.	Inc.	Sewer	L.fill	Fix.	Sub-Total	Bal c/f	Actual Bal c/f	
LIQUID :												
Solvent	Halog.	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	(10.00)	0.00	
	Non-halog.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	
Waste Oil		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Oily Water		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Coolant		20.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	(20.00)	0.00	
Etchant	Ammonium Etchant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	
	Cupric Chloride	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Ferric Chloride	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Acid		3.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	97.00	0.00	
Alkali		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Liquid Chemicals		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub Total for Liquid :		33.00	0.00	0.00	0.00	0.00	0.00	0.00	33.00	187.00	0.00	
SOLID :												
Metallic Sludge	Caride Sludge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00	
	Copper Sludge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Solder Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Nickel Cadminum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Solid Chemicals		12.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	(12.00)	0.00	
Tanker Waste	Slope Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	
	Oil Sludge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Ballest Water	13.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	(13.00)	0.00	
Residue	Gen. fm Solvent Reclamation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	
	Gen. fm Oil/Coolant Reclamation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub Total for Solid :		25.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	775.00	0.00	
Calculate												
Grand Total for Treatment :		58.00	0.00	0.00	0.00	0.00	0.00	0.00	58.00	962.00	0.00	
Remarks :		<div style="border: 1px solid black; height: 40px; width: 100%;"></div>										
Officer's Remarks :												
<input type="button" value="Back"/> <input type="button" value="View"/> <input type="button" value="Save"/> <input type="button" value="Return to Menu"/> <input type="button" value="Submit"/>												

3 PVC Waste Monthly Returns

This screen allows users to file monthly returns for PVC Waste.

It is displayed after user has selected 'PVC Waste' returns type and click 'Next' from the selection page (refer section 0).

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence							
Company :		Test Company					
Licence No. :		TL_USER					
Type :		PVC Waste handled					
Month / Year :		Dec 2003					
Please note that all quantities are in Kilograms (KG).							
Collected :							
Description	Bal b/f	Current Collection		Sub Total			
		fm Generator	fm Collector				
PVC with cable / wire	0.00						
PVC only	0.00						
Sub Total							
Resale / Export / Disposed :							
Description	PVC stripped from cable	PVC resale local	PVC direct export	PVC disposed at dumping ground	Sub Total	Computed Bal c/f	Actual Bal c/f
PVC with cable / wire	N.A.						
PVC only							
Sub Total							
<input type="button" value="Compute"/>							
Remarks:	<input type="text"/>						
Officer's Remarks:	<input type="text"/>						
<input type="button" value="Back"/> <input type="button" value="Save"/> <input type="button" value="Submit"/>							

The waste items are split into 'Collected' and 'Resale / Export / Disposed'.

The computed the subtotals, click on 'Compute'.

To save the entries, click on 'Save'.

To submit the returns, click on 'Submit'

4 Empty Chemical Containers Monthly Returns

This screen allows users to file monthly returns for Empty Chemical Containers.

This return type is split into two sections, 'Collection' and 'Wash'.

The following screen shows the entry screen for 'Collection':

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence					
Type :	Chemical containers handled				
Company :	Test Company				
Licence No. :	TL_USER				
Type :	Pathogenic Waste				
Month / Year :	Dec 2003				
Please note that all quantities are in Number of Containers.					
Collection :					
	Description	Bal b/f	Current Collection		
			fm Generator	fm Collector	Sub Total
ACID	Carboys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Drums	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Intermediate Bulk Containers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Bottles/Cans/Tins	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ALKALI	Carboys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Drums	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Intermediate Bulk Containers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Bottles/Cans/Tins	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
NICKEL	Carboys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Drums	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Intermediate Bulk Containers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Bottles/Cans/Tins	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
OTHERS	Carboys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Drums	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Intermediate Bulk Containers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Bottles/Cans/Tins	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Calculate"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Remarks:					
<input type="text"/>					
Officer's Remarks:					
<input type="button" value="Back"/> <input type="button" value="Save and proceed to Wash"/> <input type="button" value="Submit"/>					

The waste items are split into waste categories.

To save the entries and proceed to 'Treatment' page, click on 'Save and proceed to Treatment'.

To submit the returns, click on 'Submit'

The following displays the entry screen for washed containers :

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence									
Type :	Chemical containers handled								
Company :	Test Company								
Licence No. :	TL_USER								
Month / Year :	Dec 2003								
Please note that all quantities are in Number of Containers.									
Wash :									
Description	Wash						Sub Total	Bal c/f	Actual Bal c/f
	Reuse	Resale	Sale as Scrap	Landfill	Incineration				
ACID	Carboys	10	0	0	0	0	10	110	0
	Drums	2	0	0	0	0	2	18	0
	Intermediate Bulk Containers	0	0	0	0	0	0	0	0
	Bottles/Cans/Tins	0	0	0	0	0	0	0	0
ALKALI	Carboys	0	0	0	0	0	0	0	0
	Drums	0	0	0	0	0	0	0	0
	Intermediate Bulk Containers	0	0	0	0	0	0	0	0
	Bottles/Cans/Tins	0	0	0	0	0	0	0	0
NICKEL	Carboys	0	0	0	0	0	0	0	0
	Drums	0	0	0	0	0	0	0	0
	Intermediate Bulk Containers	0	0	0	0	0	0	0	0
	Bottles/Cans/Tins	0	0	0	0	0	0	0	0
OTHERS	Carboys	0	0	0	0	0	0	0	0
	Drums	0	0	0	0	0	0	0	0
	Intermediate Bulk Containers	0	0	0	0	0	0	0	0
	Bottles/Cans/Tins	0	0	0	0	0	0	0	0
Calculate		12	0	0	0	0	12	128	0
Remarks:	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>								
Officer's Remarks :									
<input type="button" value="Back"/> <input type="button" value="View"/> <input type="button" value="Save"/> <input type="button" value="Return to Menu"/> <input type="button" value="Submit"/>									

5 Lead Acid Battery Monthly Returns

This screen allows users to file monthly returns for Lead Acid Battery returns type.

It is displayed after user has selected 'Lead Acid Battery' returns type and click 'Next' from the selection page.

The screen is split into 'Without Treatment' and 'With Treatment'.

Monthly Returns on Collection and Disposal of Toxic Industrial Waste Licence										
Company Name :		Test Company								
Licence No. :		TL_USER								
Type :		Lead Acid batteries handled								
Month / Year :		Dec 2003								
Please note that all quantities are in metric tones (MT).										
Without Treatment :										
Description	Bal b/f	Current Collection		Total In	Sale		Total Out	Bal c/f	Actual Bal c/f	
		fm Generator	fm Collector		local	export				
Conceal battery	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Drained (without acid)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Sub Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
With Treatment (Only for Collectors who has treatment facilities or agreement with licenced collector to collect and treat the acid :										
Description	Bal b/f	Collection		Total In	Drain out / Treated			Total Out	Bal c/f	Actual Bal c/f
		from Generator	from Licensed Collector		No. of batteries drained out acid	Acid drain out	collected and treated			
Lead Acid Battery (tonnes)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sub Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Compute"/>										
Remarks: <input style="width: 100%; height: 40px;" type="text"/>										
Officer's Remarks: <input style="width: 100%; height: 20px;" type="text"/>										
<input type="button" value="Back"/> <input type="button" value="Save"/> <input type="button" value="Submit"/>										

NOTE:

- The asterisk symbol “*” is used to indicate that the input are mandatory.
- The Stop Sign, Question Mark and the Information icons are used to denote error, warning and information messages respectively.