

**User Manual
(Collector)
for
e-Tracking**

**Pollution Control Department
National Environment Agency
Singapore**

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1 Definitions and Acronyms

NEA	National Environment Agency
TOTAL	Total Systems Technology Pte. Ltd
TMTS	Tuas Marine Transfer Station
NA	Not Applicable

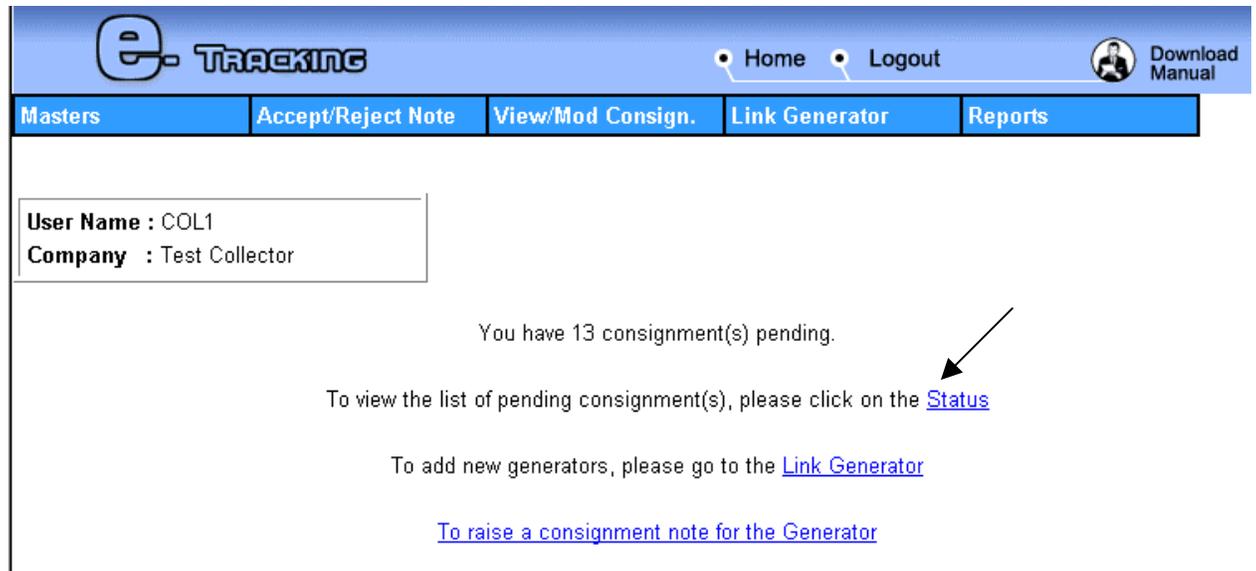
2 Collector Main Menu

Tasks

1. To view the list of pending consignments
2. To add new generators to the collector
3. To raise a consignment note for the generator.

To achieve the above tasks

1. Click on Status hyperlink in the main menu



2. The pending consignments screen is opened. Click on the Consignment Id hyperlink to accept/reject the consignment. For e.g. click on item no 1.

Pending Consignments List				
S.No.	Consign. Id	Date	Name of the Generator	Toxic
1.	TW/2002/21	23/01/2002	TEST GENERATOR COMPANY	Catalyst, Containers/Packaging Material, Battery
2.	TW/2002/05	23/01/2002	TEST GENERATOR COMPANY	Alkali
3.	TW/2002/06	23/01/2002	TEST GENERATOR COMPANY	Sludge, Acid
4.	TW/2002/07	23/01/2002	TEST GENERATOR COMPANY	Acid
5.	TW/2002/08	23/01/2002	TEST GENERATOR COMPANY	Sludge, Acid, Coolants, Alkali
6.	TW/2002/09	23/01/2002	TEST GENERATOR COMPANY	Acid, Battery, Sludge
7.	TW/2002/17	23/01/2002	TEST GENERATOR COMPANY	Alkali, Acid
8.	TW/2002/10	23/01/2002	TEST GENERATOR COMPANY	Acid
9.	TW/2002/16	23/01/2002	TEST GENERATOR COMPANY	Battery, Sludge
10.	TW/2002/15	23/01/2002	TEST GENERATOR COMPANY	Alkali
11.	TW/2002/14	23/01/2002	TEST GENERATOR COMPANY	Battery, Alkali
12.	TW/2002/13	23/01/2002	TEST GENERATOR COMPANY	Sludge
13.	TW/2002/12	23/01/2002	TEST GENERATOR COMPANY	Catalyst, Sludge
14.	TW/2002/11	23/01/2002	TEST GENERATOR COMPANY	Battery, Acid
15.	TW/2002/29	23/01/2002	TEST GENERATOR COMPANY	Acid
16.	TW/2002/34	24/01/2002	TEST GENERATOR COMPANY	Lead Compounds
17.	TW/2002/36	25/01/2002	TEST GENERATOR COMPANY	Sludge
18.	TW/2002/40	25/01/2002	TEST GENERATOR COMPANY	Alkali
19.	TW/2002/41	25/01/2002	TEST GENERATOR COMPANY	Alkali, Acid, Sludge
20.	TW/2002/45	28/01/2002	TEST GENERATOR COMPANY	Alkali

- The accept/ reject screen is opened in modify mode for the clicked consignment. Click on
 - Hyperlink under “Type” to view details about the toxic waste.
 - “Submit” button to accept/ reject the consignment.
 - “Reset” button to clear all filled fields.

Consignment Details					
Consignment ID.	TW/2002/21				
Name of the Generator	TEST GENERATOR COMPANY				
Pick Up Address	Total Generator, No.1, SIMS Lane, Singapore.				
Name of the Declarant	Swami				
Name of the TIW Collector	Test Collector				
Transport Approval No.	COLL1234				

Toxic Details					
S.No.	Type	Total Quantity	Status	Discrepancy	Reason
1	Battery	<input type="checkbox"/> -	-	No	
2	Catalyst	<input type="checkbox"/> -	-	No	
3	Containers/Packaging Material	<input type="checkbox"/> -	-	No	

Carrier Details			
Carrier Company Name	Jil	Pick Up Date	21/01/2002
Name of the Driver	Joseph	Pick Up Time	08:10 PM
Vehicles No.	KI 2345		

Status	
Status	<input type="text"/>
Date of Arrival (dd/mm/yyyy)	<input type="text"/>
Time of Arrival	00 (hrs) 00 (mts) -
Remarks	<input type="text"/>

- Click on the Link Generator hyperlink to add new generators to the collector. (Please see pg. 23).
- Click on the hyperlink ‘To raise consignment note for the generator’ to create a new consignment for generators without internet access.

3 Masters

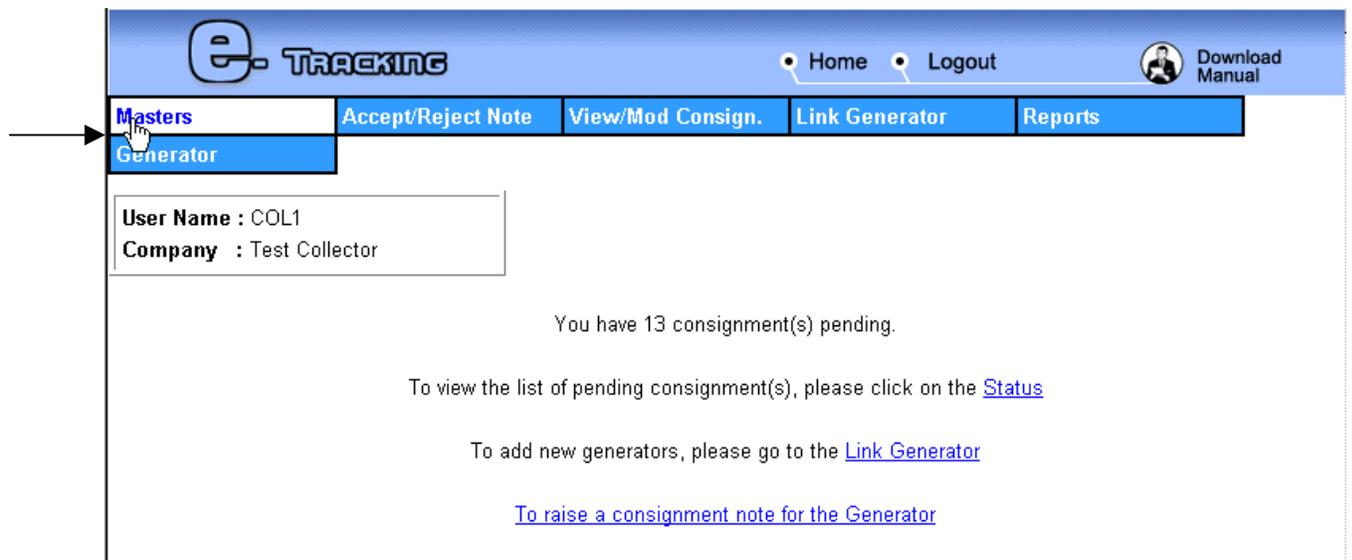
3.1 Generator

Tasks

1. To create a generator.
2. To modify an existing generator's details.
3. To change password for the generator's users.

To achieve the above tasks

1. Click on Masters→ Generator in the main menu



2. The generator master screen is opened.

The screenshot displays the 'Generator Master' web form. It features a blue header bar with the title 'Generator Master'. Below the header, there are several input fields and buttons:

- Company Registration No. ***: A text input field with a blue 'Search' button to its right.
- Name of the Organization ***: A wide text input field.
- Pick Up Address ***: A dropdown menu with up and down arrow buttons.
- Postal Code ***: A text input field.
- Transport Approval No.**: A text input field.
- Name of the Declarant ***: Five stacked text input fields, each followed by a number in parentheses: (1), (2), (3), (4), and (5).
- Phone No. ***: A text input field.
- Internet Access ***: Radio buttons for 'Yes' (which is selected) and 'No'.
- E-mail Address**: A text input field.

At the bottom right of the form, there are two blue buttons: 'Save' and 'Reset'.

3. To add a new Generator, enter values into all the fields and click on Save button. The values are saved into the database and the record is opened in modify mode. If the generator has internet access, an email is sent to the generator about the login info.
4. To search for a particular generator, enter the company registration no. either partially or completely and click on Search button.
 - If only one record returns in the search, the details are displayed in the screen
 - If more than one record is returned, a search screen is opened
5. The following screen is opened on search of a particular generator. Please note that the e-mail id is not modifiable if the generator has internet access.

Generator Master

Company Registration No. *	TEST
Name of the Organization *	<input type="text" value="GENERATOR ORGANIZATION"/>
Pick Up Address *	<input type="text" value="No 2B, Chapel Apts, Lor Nangka, Singapore"/>
Postal Code *	<input type="text" value="6720230"/>
Transport Approval No.	<input type="text" value="TA 2002"/>
Name of the Declarant *	<input type="text" value="Foo"/> (1) <input type="text" value="Tan Eee Tin"/> (2) <input type="text"/> (3) <input type="text"/> (4) <input type="text"/> (5)
Phone No. *	<input type="text" value="7651018"/>
Internet Access *	Yes
E-mail Address	<input type="text" value="mrjasekaran@totalsystems.com"/>

Login Details

S.No	Login ID
1	GENUSER2
2	TEST

6. The following screen is opened on search of a particular generator. Please note that the e-mail id is modifiable if the generator does not have internet access.

The screenshot displays a web form titled "Generator Master". The form is divided into several sections:

- Registration Information:** Fields for "Company Registration No." (value: TEST), "Name of the Organization" (value: GENERATOR ORGANIZATION), "Pick Up Address" (value: No 2B, Chapel Apts, Lor Nangka, Singapore), and "Postal Code" (value: 6720230).
- Approval and Declarant Information:** "Transport Approval No." (value: TA 2002) and "Name of the Declarant" (five input fields with values: Foo, Tan Eee Tin, and three empty fields).
- Contact Information:** "Phone No." (value: 7651018), "Internet Access" (radio buttons for Yes and No, with No selected), and "E-mail Address" (empty field).
- Login Details:** A table with two columns: "S.No" and "Login ID".

S.No	Login ID
1	GENUSER2
2	TEST

At the bottom right of the form, there are two buttons: "Save" and "Reset".

7. In case multiple records are returned, the following search screen is opened. The generator can be searched based on both Registration No and Organization Name. Clicking on the Generator Id hyperlink opens the generator details in the main screen.

Company Registration No.	<input type="text" value="te"/>	<input type="button" value="Search"/>
Name of the Organization	<input type="text"/>	
No of Records found for search : 5		
Generator Id	Name of the Organisation	Name of the Declarant
TEST	GENERATOR ORGANIZATION	Foo
TESTGEN	TEST GENERATOR COMPANY	Lily
TESTGEN1	GEN COMPANY1	Tiong
TESTGEN2	TEST GEN2	Test Gen2
TESTGENMANO	MANO ORGANIZATION	Choon

- To modify a login detail, click on the Login id hyperlink in the main screen. The modification of User name and password is allowed. Click on 'Change Password' button to change the password. Click on Ok to save the details. If the generator has Internet access, an email is sent to the generator about the Login info.

Change Password

Login id *	TEST
User Name *	<input type="text" value="TEST"/>

Note: On click of Change Password, the password will be emailed to the respective generator.

- While adding a new generator, if the Company Registration number already exists, the following error message is displayed

Record Exists

10. While searching for a generator, if the generator is not linked to the collector, the following message appears

This Generator is not linked

Ok

11. If the generator has been blocked or de-linked, the following error message appears.

This Generator has been blocked or delinked

Ok

12. The following validations are done for the above fields

Items	Mandatory	Format	Remarks
Company Registration No	Yes	Char (20)	<ul style="list-style-type: none">• Unique• Special characters not allowed• Modification not allowed in modify mode
Name of the Organization	Yes	Char (60)	<ul style="list-style-type: none">• Special characters not allowed
Pick Up Address	Yes	Char (200)	<ul style="list-style-type: none">• Length must be less than or equal to 200
Postal Code	Yes	Number (10)	<ul style="list-style-type: none">• Allows only Numbers
Transport Approval No	No	Char (12)	<ul style="list-style-type: none">• Allows only alphabets and numbers
Name of the Declarant	Yes	Char (30)	<ul style="list-style-type: none">• Allows only alphabets and numbers
Phone No	Yes	Number (9)	<ul style="list-style-type: none">• Allows only numbers
Internet Access	Yes	Char (1)	NA
E-mail Address	Yes if Internet Access is Yes	Char (50)	<ul style="list-style-type: none">• Must be a valid email address

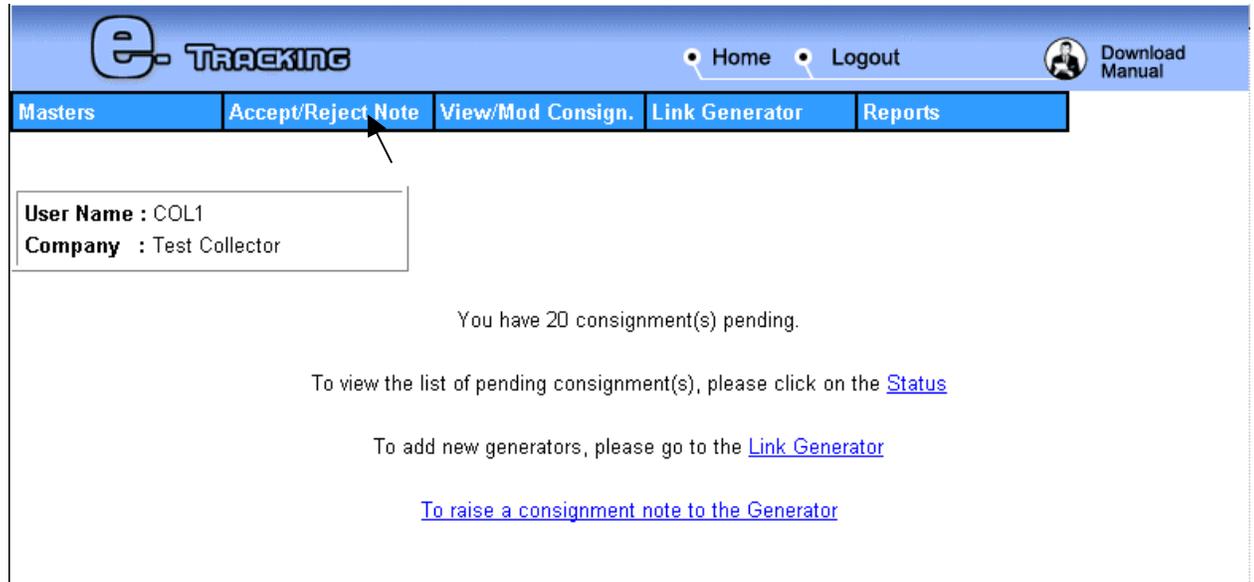
4 Accept/ Reject Note

Tasks

1. To accept / reject an existing confirmed consignment.

To achieve the above tasks

1. Click Accept/Reject Note in the main menu



- The accept/ reject note screen is opened. Enter the consignment id and click on Search button.

Consignment Details						
Consignment ID.	<input type="text"/>	<input type="button" value="Search"/>				
Name of the Generator	-					
Pick Up Address	-					
Name of the Declarant	-					
Name of the TIW Collector	-					
Transport Approval No.	-					
Toxic Details						
S.No.	Type	Total Quantity	Status	Discrepancy	Reason	
Carrier Details						
Carrier Company Name	-			Pick Up Date	-	
Name of the Driver	-			Pick Up Time	-	
Vehicles No.	-					
Status						
Status	<input type="text"/>					
Date of Arrival (dd/mm/yyyy)	<input type="text"/>	<input type="button" value="Calendar"/>				
Time of Arrival	<input type="text" value="00"/> (hrs)	<input type="text" value="00"/> (mts)	<input type="text" value="-"/>			
Remarks	<input type="text"/>					
						<input type="button" value="Submit"/> <input type="button" value="Reset"/>

- If the consignment id is not found, the following error message is displayed.

Invalid Consignment Id.

4. The required consignment details are displayed in the screen. Enter the required details and click on “Submit” button to accept/ reject the consignment.

Consignment Details

Consignment ID.	TW/2002/21
Name of the Generator	TEST GENERATOR COMPANY
Pick Up Address	Total Generator, No.1, SIMS Lane, Singapore.
Name of the Declarant	Swami
Name of the TIW Collector	Test Collector
Transport Approval No.	COLL1234

Toxic Details

S.No.	Type		Total Quantity	Status	Discrepancy	Reason
1	Battery	<input type="checkbox"/>	-	-	No	
2	Catalyst	<input type="checkbox"/>	-	-	No	
3	Containers/Packaging Material	<input type="checkbox"/>	-	-	No	

Carrier Details

Carrier Company Name	Jil	Pick Up Date	21/01/2002
Name of the Driver	Joseph	Pick Up Time	08:10 PM
Vehicles No.	KI 2345		

Status

Status	<input type="text"/>
Date of Arrival (dd/mm/yyyy)	<input type="text"/>
Time of Arrival	00 (hrs) 00 (mts) -
Remarks	<input style="height: 30px;" type="text"/>

5. Click on the hyperlink under “Type” to view details about the toxic industrial waste.
6. Total quantity combo holds the quantity type depending on the toxic industrial waste. The quantity type can be Litres/ Metric cube, Kilograms/ Tonnes, Drums/Carboys/IBC Tank/Metal Container.
7. The status field can be selected as “Accepted” or “Rejected”.
8. If there is any discrepancy in the arrived consignment, then Discrepancy can be selected as “Yes”.

9. If discrepancy is "Yes" or if the status is "Rejected" then the Reason should be entered.
10. Click on "Reset" button to clear all the fields. The entered details will not be saved.

11. On click of submit button, the view screen is displayed. Click on the hyperlink "Type" to view details about the toxic industrial waste.

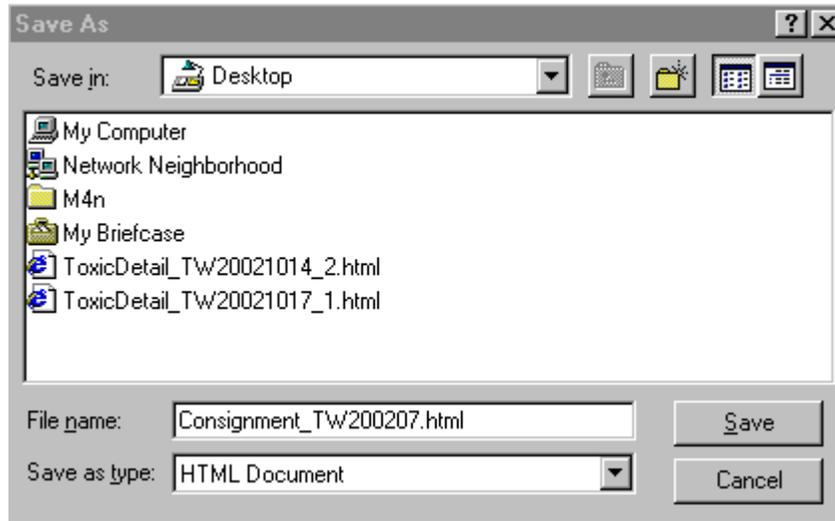
Consignment Details					
Consignment ID	TW/2002/07				
Date of Consignment	23/01/2002				
Name of the Generator	TEST GENERATOR COMPANY				
Name of the Declarant	Swami				
Pick Up Address	Total Generator, No.1, SIMS Lane, Singapore. 387355				
Name of the TIW Collector	Test Collector				
Transport Approval No.	COLL1234				

Toxic Details					
S.No.	Type	Total Quantity	Status	Discrepancy	Reason
1.	Acid	432423 Metric cube (s)	Accepted	No	

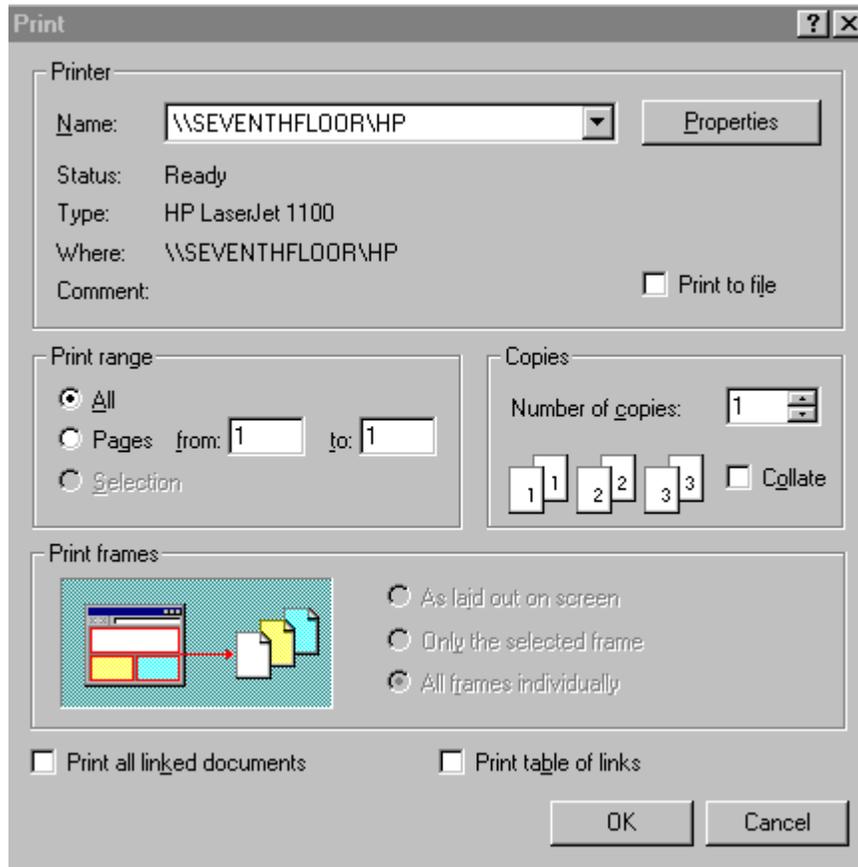
Carrier Details			
Carrier Company Name	Kim and Co	Pick Up Date	21/01/2002
Name of the Driver	Kim	Pick Up Time	01:20 PM
Vehicles No.	KI 8710		

Status	
Status	Accepted
Date of Arrival	28/01/2002
Time of Arrival	06:10 AM
Reason/Remarks	Test

12. The following screen is opened on click of the save button.



13. The following screen is opened on click of the Print button.



14. The following screen is opened on click of the hyperlink “Type”

Click on

- “Save” button to save the page as HTML document into hard disk.
- “Print” button to print the page.
- “OK” button to close the screen and return to the previous page.

View Toxic Waste	
Type of Toxic *	Acid
Sub Toxic Type *	Formic Acid
Physical State *	Liquid
Hazardous Property *	Odourous,Toxic,Flammable
Package *	ISO2 ISO Tank
Total Quantity *	12 Metric cube (s)

Save Print OK

15. On click of Save button, the following screen will be opened. The Toxic details can be saved in the local computer.

Save As

Save in: Desktop

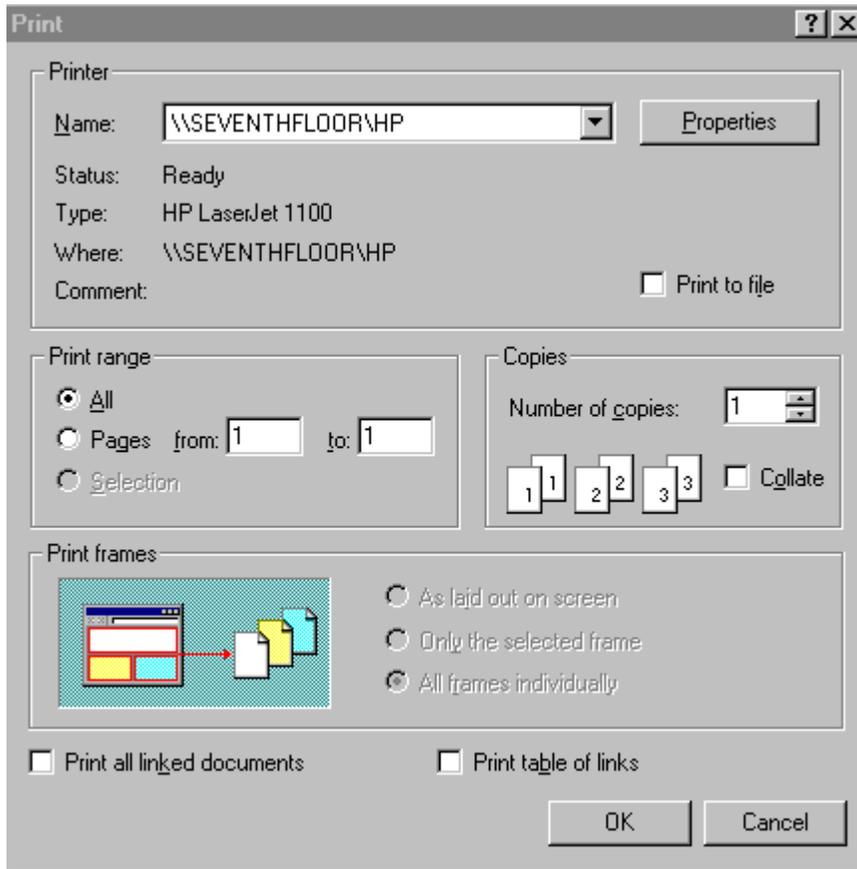
- My Computer
- Network Neighborhood
- M4n
- My Briefcase
- ToxicDetail_TW20021014_2.html
- ToxicDetail_TW20021017_1.html

File name: ToxicDetail_TW200207_1.html

Save as type: HTML Document

Save Cancel

16. On click of Print button, the following screen will be opened.



17. The following validations are done for the above fields

Items	Mandatory	Format	Remarks
Consignment Id	Yes	Char (20)	<ul style="list-style-type: none"> Does not accept special characters
Quantity	Yes	Number (9,3)	NA
Reason	Yes if discrepancy is "Yes"	Char (50)	<ul style="list-style-type: none"> Must be less than 50 characters
Date of Arrival	Yes	Char (10)	<ul style="list-style-type: none"> Must be a valid date Must be less than or equal to current date
Time of Arrival	Yes	Char (8)	NA
Remarks	No	Char (200)	<ul style="list-style-type: none"> Must be less than 200 characters

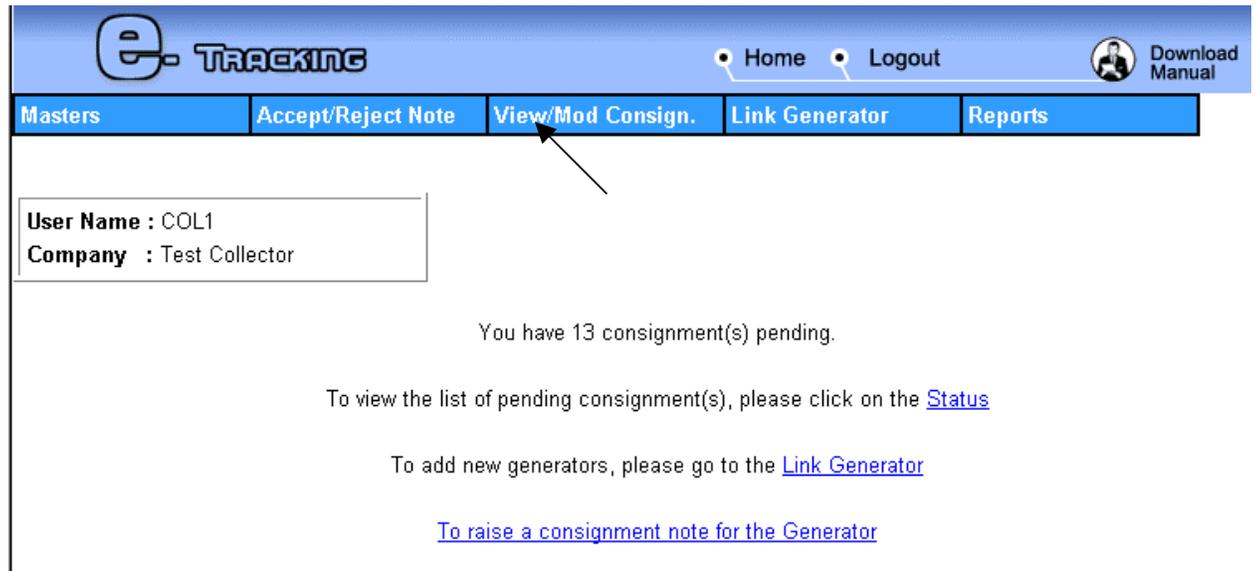
5 View/ Modify Consignment

Tasks

1. To accept / reject an existing confirmed consignment.
2. To view details of an accepted/ rejected consignment.

To achieve the above tasks

1. Click on View/ Mod Consign. in the main menu



2. The View consignment screen is opened

S.No.	Consign. Id	Date	Generator	Toxic	Status
1.	TW/2002/45	28/01/2002	TEST GENERATOR COMPANY	Alkali	

3. The search for the consignment is based on the following criteria.

- Consignment Id
- Name of the Generator
- Consignment Date as From Date and To Date
- Status
 - ⇒ All/ Accepted/ Rejected/ Discrepancy/ Pending
- Toxic Waste
- Sub Toxic Waste

4. Click on Search button to search for the required consignment based on the entered search criteria.

5. Click on the Consignment Id hyperlink

- If the consignment is not accepted/rejected by the collector, then the Accept/Reject screen is opened in modify mode for the collector to accept/reject.
- If the consignment is accepted/rejected by the collector, then the View screen is opened with the details of the consignment.

6. The following validations are done for the above fields

Items	Mandatory	Format	Remarks
Consignment Id	No	Char (20)	<ul style="list-style-type: none">• Does not accept special characters
Name of the Generator	No	Char (60)	<ul style="list-style-type: none">• Does not accept special characters
From Date	Yes if To Date is entered	Char (10)	<ul style="list-style-type: none">• Must be a valid date• Must be less than or equal to current date
To Date	Yes if From Date is entered	Char (10)	<ul style="list-style-type: none">• Must be a valid date• Must be less than or equal to current date• Must be greater than or equal to From Date
Status	Yes if consignment id entered	NA	NA
Toxic Waste	No	NA	NA
Sub Toxic Waste	No	NA	NA

7. The accept/ reject note screen is opened for pending consignments

8. The view screen is opened for accepted/rejected consignments.

Click on

- The hyperlink below the Toxic Details→Type to view details about the toxic.
- “Save” button to save the page as HTML document.
- “Print” button to print the page.
- “OK” button to close the screen and return to the previous page.

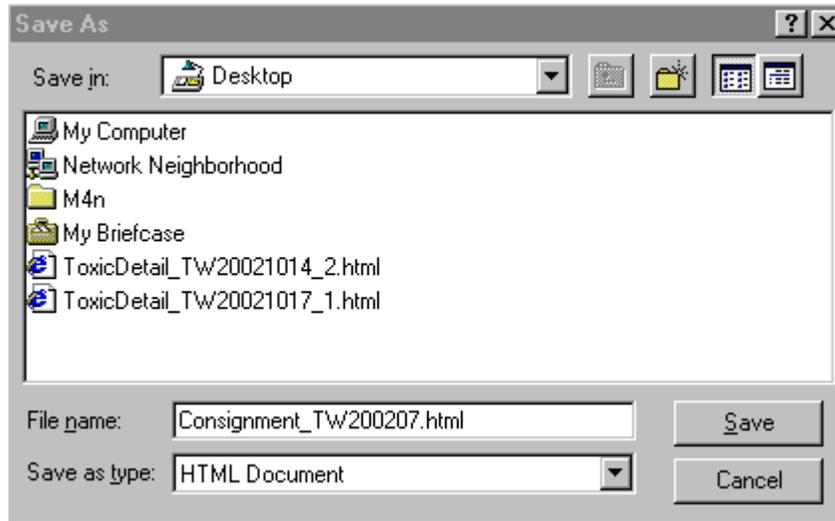
Consignment Details					
Consignment ID	TW/2002/07				
Date of Consignment	23/01/2002				
Name of the Generator	TEST GENERATOR COMPANY				
Name of the Declarant	Swami				
Pick Up Address	Total Generator, No.1, SIMS Lane, Singapore. 387355				
Name of the TIW Collector	Test Collector				
Transport Approval No.	COLL1234				

Toxic Details					
S.No.	Type	Total Quantity	Status	Discrepancy	Reason
1.	Acid	432423 Metric cube (s)	Accepted	No	

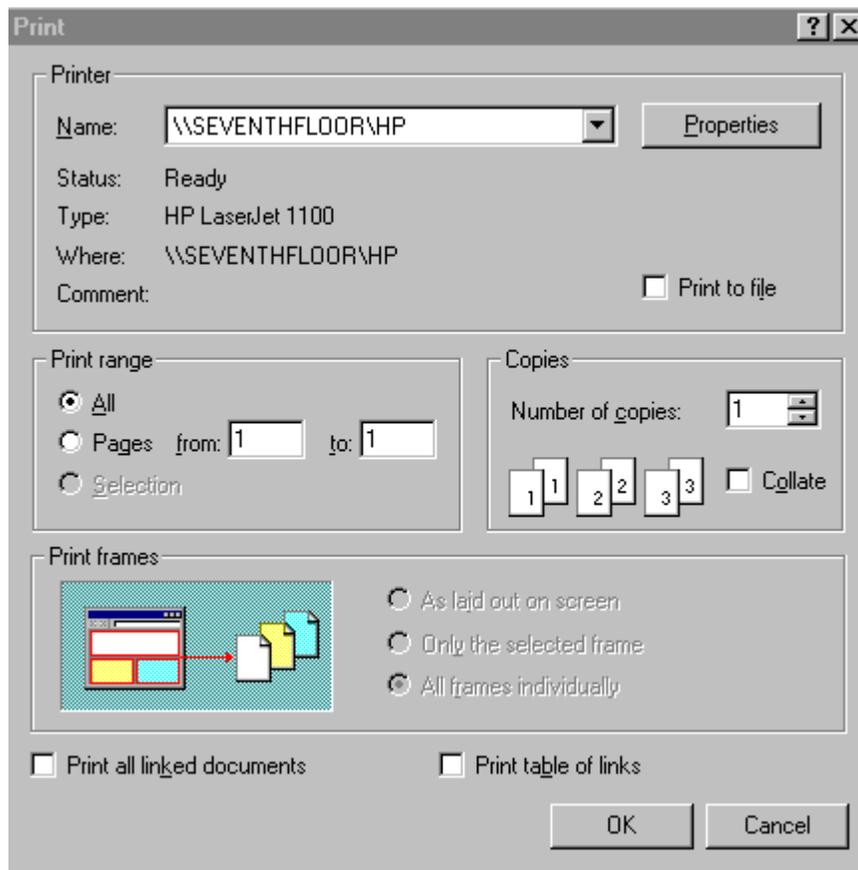
Carrier Details			
Carrier Company Name	Kim and Co	Pick Up Date	21/01/2002
Name of the Driver	Kim	Pick Up Time	01:20 PM
Vehicles No.	KI 8710		

Status	
Status	Accepted
Date of Arrival	28/01/2002
Time of Arrival	06:10 AM
Reason/Remarks	Test

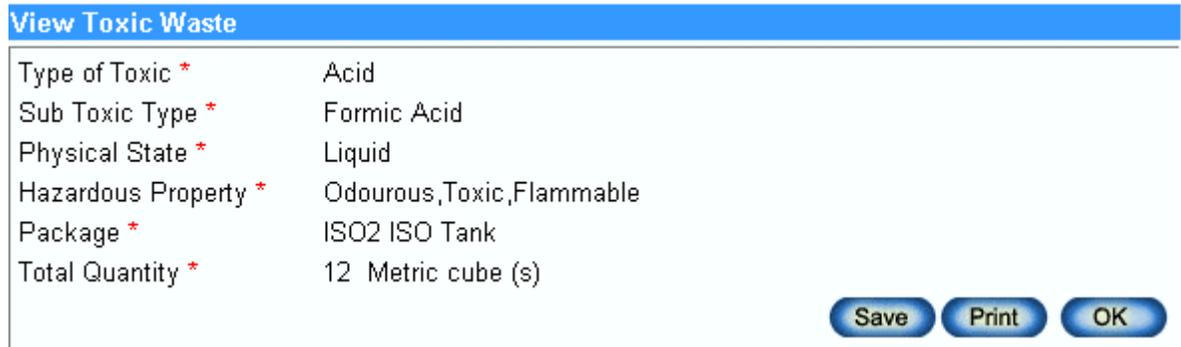
9. The following screen is opened on click of the Save button



10. The following screen is opened on click of the Print button.



11. The following screen is opened on click of the toxic type hyperlink.

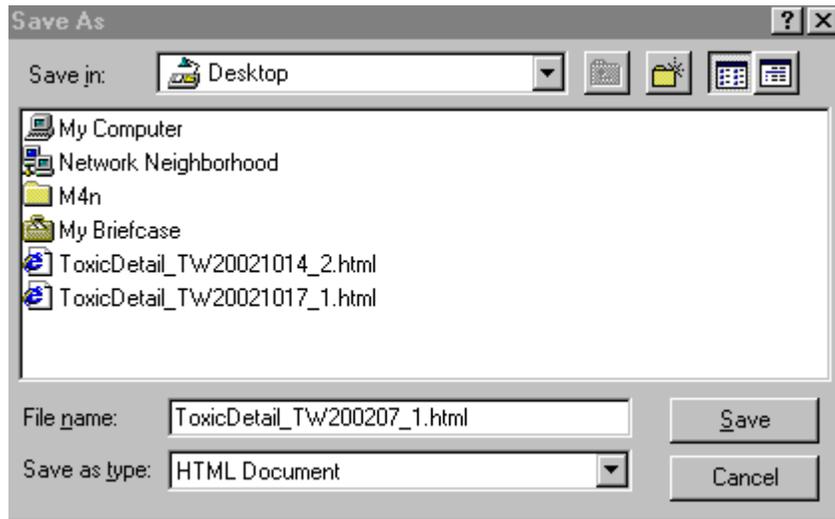


The 'View Toxic Waste' dialog box displays the following information:

Type of Toxic *	Acid
Sub Toxic Type *	Formic Acid
Physical State *	Liquid
Hazardous Property *	Odourous,Toxic,Flammable
Package *	ISO2 ISO Tank
Total Quantity *	12 Metric cube (s)

Buttons: Save, Print, OK

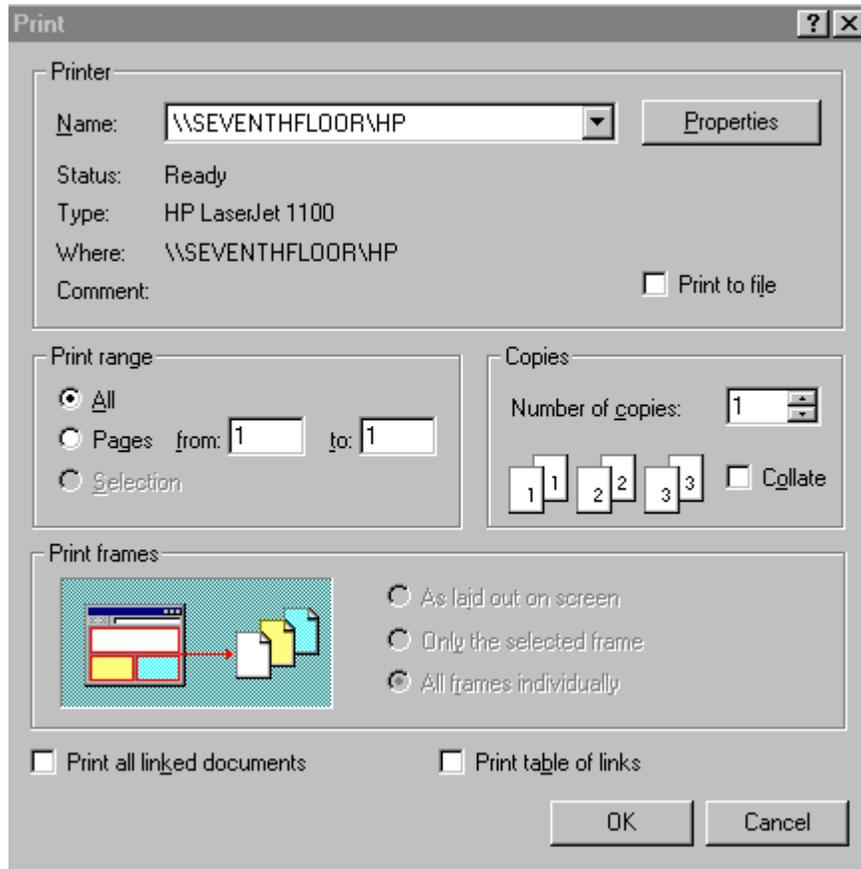
12. On click of Save button, the Save As dialog box is opened



The 'Save As' dialog box shows the following details:

- Save in: Desktop
- File list: My Computer, Network Neighborhood, M4n, My Briefcase, ToxicDetail_TW20021014_2.html, ToxicDetail_TW20021017_1.html
- File name: ToxicDetail_TW200207_1.html
- Save as type: HTML Document
- Buttons: Save, Cancel

13. On click of Print button, the Print dialog box is opened



6 Link Generator

Tasks

1. Collector has the provision to link a generator.
2. Collector has the flexibility to search a generator by providing the Company Registration No. or the Name of the Organization.
3. System has the flexibility for the collector to block a linked Generator.
4. System has a provision for the collector to de-link / remove the linked Generator.

To achieve the above tasks

1. Click on Link Generator in the menu or click on the Link Generator hyperlink.

Status', 'To add new generators, please go to the [Link Generator](#)', and '[To raise a consignment note for the Generator](#)'."/>

e-TRACKING Home Logout Download Manual

Masters Accept/Reject Note View/Mod Consign. **Link Generator** Reports

User Name : COL1
Company : Test Collector

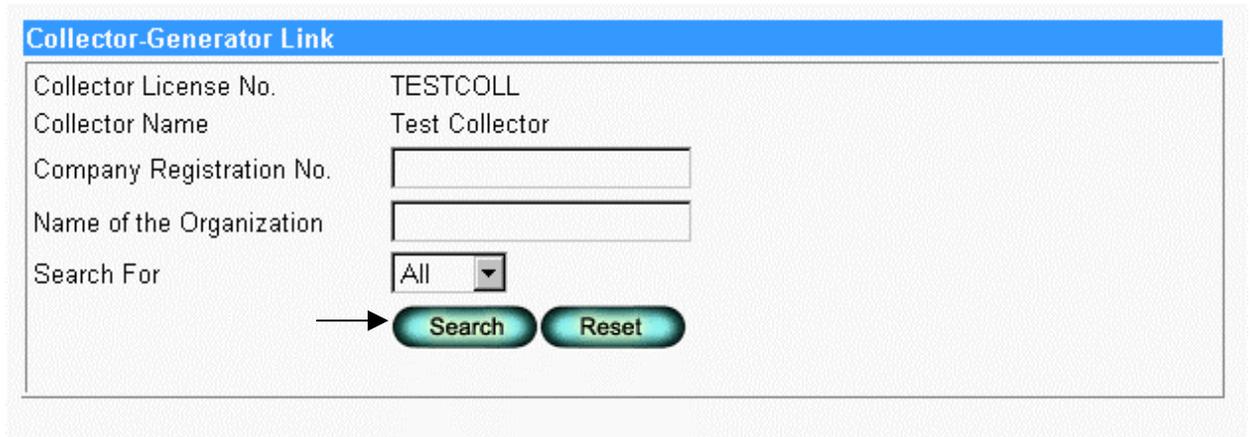
You have 13 consignment(s) pending.

To view the list of pending consignment(s), please click on the [Status](#)

To add new generators, please go to the [Link Generator](#)

[To raise a consignment note for the Generator](#)

2. Link Generator screen is opened. Click on search button to search for the generators.



The screenshot shows a web form titled "Collector-Generator Link" with a blue header. The form contains the following fields and controls:

- Collector License No.: TESTCOLL
- Collector Name: Test Collector
- Company Registration No.:
- Name of the Organization:
- Search For: (dropdown menu)
- Search:
- Reset:

An arrow points to the Search button.

3. Consignments can be searched using the following criteria.

- Company Registration No
- Name of the Organization
- All/ Added/ Blocked Generators that are listed under "Search For".

4. After entering a valid a company registration no. or organization name, On Search click, the generators list is displayed for the collector to add / block / remove a generator for the entered collector. To add a generator, select the add check box and click the save button. To block/ remove an already added generator, deselect the respective check box and click on the Save button.

Collector-Generator Link

Collector License No. TESTCOLL
Collector Name Test Collector
Company Registration No.
Name of the Organization
Search For

S.No.	Registration No.	Name of the Organization	Add	Block/Unblock	Remove
1	TESTGEN1	GEN COMPANY1	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	TESTGENMANO	MANO ORGANIZATION	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	TESTGEN	TEST GENERATOR COMPANY	-	<input type="checkbox"/>	<input type="checkbox"/>

5. The following validations are done for the above fields

- Either Company Registration No or Name of the Organization has to be entered for the Search

Items	Mandatory	Format	Remarks
Company Registration No	Yes	Char (20)	• Special characters are not allowed
Name of the Organization	Yes	Char (60)	• Special characters are not allowed

7 Reports

7.1 Quantity of Toxic Waste Generated

7.1.1 Month wise

Tasks

1. System generates the Toxic Waste Total Quantity report received by the collector. The report is grouped by Toxic Waste and then by Sub-Toxic Waste.
2. The Total Quantity of the Toxic Waste is calculated as the Total Quantity generated in a month.
3. System has provision to specify the report parameters as date-wise, month-wise and year-wise.
4. Reports have the total for each type of waste and Grand Total is calculated by grouping the wastes in metric cubes, metric tonnes, drums, carboys, IBC tanks and metal container.
5. Reports have a yearly Grand Total for every year.

To achieve the above tasks

1. Click on Quantity of Toxic waste → Month wise in the main menu

The screenshot displays the e-TRACKING web application interface. At the top, there is a navigation bar with the logo "e-TRACKING" on the left, and links for "Home", "Logout", and "Download Manual" on the right. Below the navigation bar is a menu with five items: "Masters", "Accept/Reject Note", "View/Mod Consign.", "Link Generator", and "Reports".

On the left side, there is a box containing user information: "User Name : COL1" and "Company : Test Collector".

In the center, there is a message: "You have 13 consignment(s) pending." Below this message, there are three instructions with blue hyperlinks: "To view the list of pending consignment(s), please click on the [Status](#)", "To add new generators, please go to the [Link Generator](#)", and "[To raise a consignment note for the Generator](#)".

On the right side, there is a dropdown menu under the "Reports" tab. The menu is open, showing three options: "Quantity of Toxic", "Amount of Toxic", and "Waste". An arrow points from the "Link Generator" menu item to the "Month-wise" option in the dropdown menu.

2. The reports search screen is opened. The report can be generated as date-wise, month-wise or year-wise. Click on Generate button to view the report.

Quantity of Toxic Industrial Wastes handled

Datewise Monthwise Yearwise

From

To

3. Click on Print icon to print the report or OK button to return to the previous page.

Report for Quantity of Toxic Industrial Waste



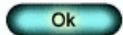
Report from 23 January 2002 to 28 January 2002

1/29/2002 5:01:32 PM

Report For 2002

Month	January	
Type of Waste		
	Quantity	Yearly Grand Total
Acid		
Formic Acid	444	444
Total (M3)	444	444
Alkali		
Spent Ammonical Solutions(NH3)	23	23
Spent Sodium Hydroxide(NaOH)	246	246
Total (M3)	269	269
Battery		
Waste Lead-Acid batteries, whole or crushed	12	12
Total (MT)	12	12
Sludge		
Carbide Sludge	25.012	25.012
Total (MT)	25.012	25.012
Catalyst		
Chromium catalyst	12.312	12.312
Copper catalyst	1231	1231
Total (MT)	1243.312	1243.312
Coolants		
Spent oil water emulsion	0.154	0.154
Total (M3)	0.154	0.154
Containers/Packaging Material		
Empty Containers(Alkali)	1312	1312
Total (Carboys)	1312	1312
Grand Total (MT)	1280.324	1280.324
Grand Total (M3)	713.154	713.154
Grand Total (Drums)	0	0
Grand Total (Carboys)	1312	1312
Grand Total (IBC Tank)	0	0
Grand Total (Metal Container)	0	0

e-Tracking - Report for Quantity of Toxic Industrial Waste



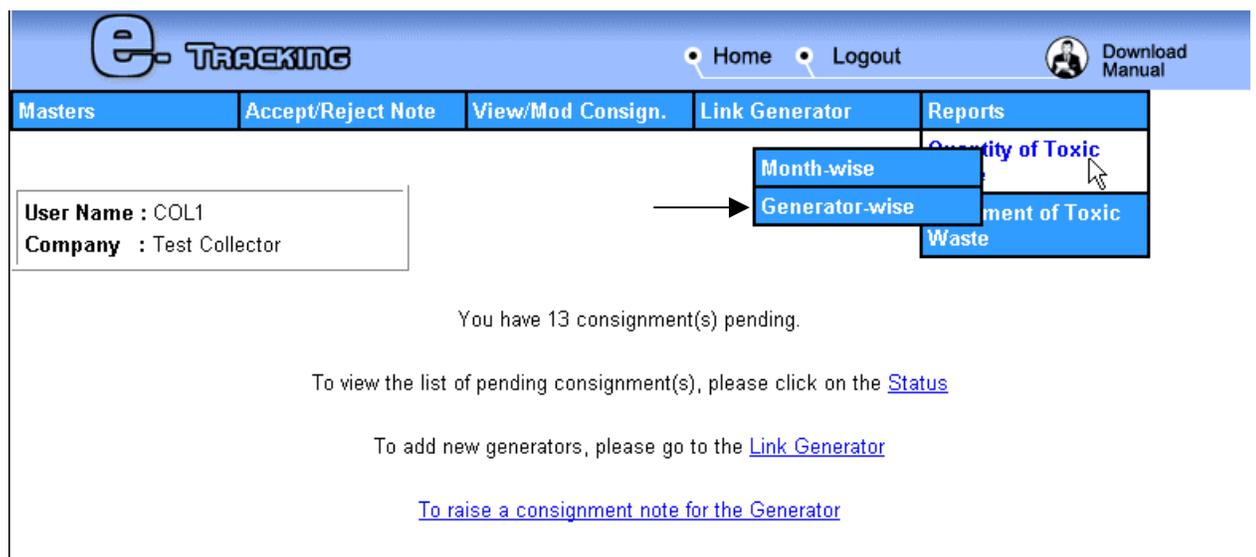
7.1.2 Generator wise

Tasks

1. System generates the Toxic Waste Total Quantity report received by the collector. The report is grouped by Toxic Waste and then by Sub-Toxic Waste.
2. The Total Quantity of the Toxic Waste is calculated as the Total Quantity collected in a month and for the entered Generator Registration No.
3. System has provision to specify the report parameters as date-wise, month-wise and year-wise and the generator registration no.
4. The Registration No. field is mandatory.
5. Reports have the total for each type of waste and Grand Total is calculated by grouping the wastes in metric cubes, metric tonnes, drums, carboys, IBC tanks and metal container.
6. Reports have a yearly Grand Total for every year.

To achieve the above tasks

1. Click on Quantity of toxic waste → Generator wise in the main menu



2. The search screen is opened. Click on Generate button to view the report.

The screenshot shows a search interface titled "Quantity of Toxic Industrial Wastes handled by Generators". It features three radio buttons for "Datewise" (selected), "Monthwise", and "Yearwise". Below these are input fields for "Registration No." containing "testgen", and date ranges for "From" and "To", both set to "28 January 2002". A green "Generate" button is located at the bottom right of the form.

Note: The Generator Registration No. is mandatory

3. The report screen is displayed.
4. Click on print icon to print the report.

Report for Quantity of Toxic Industrial Waste



Report from 28 January 2002 to 28 January 2002 1/29/2002 4:37:21 PM

Generator : TEST GENERATOR COMPANY

Report For 2002

Month	January	
Type of Waste		
	Quantity	Yearly Grand Total
Acid		
Formic Acid	444	444
Total (M3)	444	444
Alkali		
Spent Ammonical Solutions(NH3)	23	23
Total (M3)	23	23
Battery		
Waste Lead-Acid batteries, whole or crushed	12	12
Total (MT)	12	12
Grand Total (MT)	12	12
Grand Total (M3)	467	467
Grand Total (Drums)	0	0
Grand Total (Carboys)	0	0
Grand Total (IBC Tank)	0	0
Grand Total (Metal Container)	0	0

e-Tracking - Report for Quantity of Toxic Industrial Waste



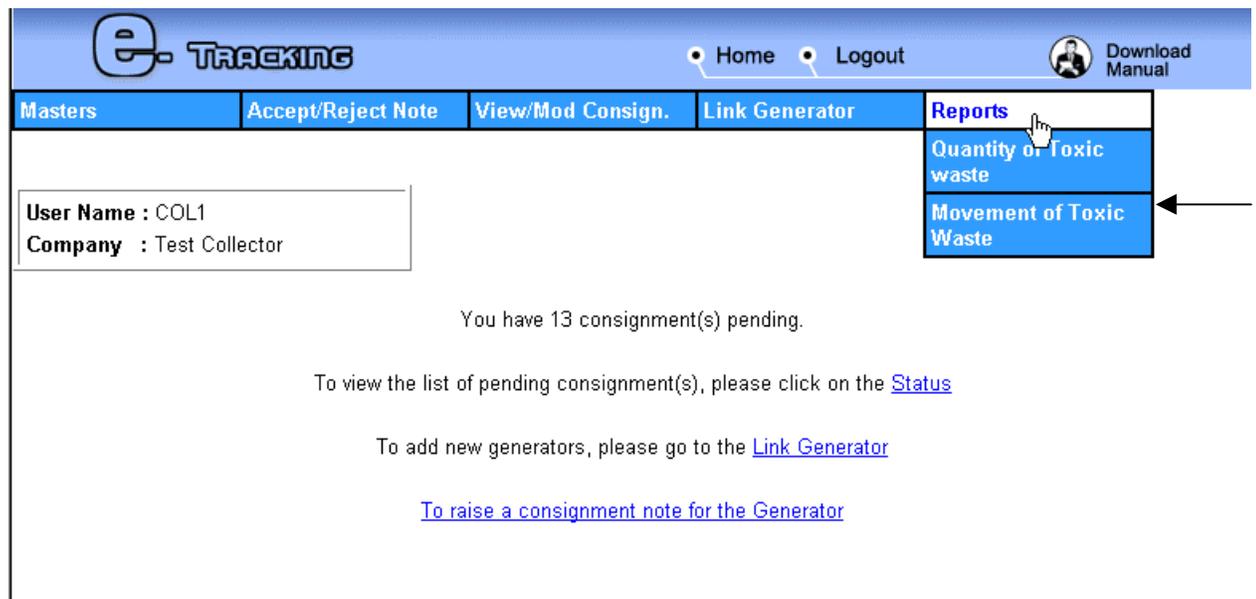
7.2 Movement of Toxic Waste

Tasks

1. To generate a report which lists the movement of Toxic waste.
2. System generates the details of different Toxic Waste report with the sort order by Toxic Waste or Consignment ID.
3. System has the provision to generate the report in generator-wise.
4. System has a provision to view the consignment details by clicking the consignment ID.

To achieve the above tasks

1. Click on Movement of Toxic waste in the main menu. The search screen is displayed.



- The search screen is displayed. Click on Generate button to view the report. The report can be generated Toxic waste wise and Consignment Id wise.

Movement of Toxic Industrial Wastes

From	24	January	2002
To	28	January	2002
Registration No. *	testgen		
Toxic Waste	-		
Sub Toxic Waste	-		
Sort By	<input checked="" type="radio"/> Toxic Waste <input type="radio"/> Consignment Id		

Generate

Note: The Generator Registration No. is mandatory

- The report is displayed. Click on the consignment id to view details about the consignment. The following screen shot shows the toxic waste wise report. Click on print icon to print the report.

Report for Movement of Toxic Industrial Waste

Report from 24 January 2002 to 28 January 2002

1/29/2002 4:40:39 PM

Toxic : Alkali	Sub-Toxic	Consignment Id	Date	Generator	Quantity
Spent Ammonical Solutions (NH3)		TW/2002/45	28/01/2002	TEST GENERATOR COMPANY	23 Metric cube (s)
Toxic : Sludge					
Carbide Sludge		TW/2002/42	25/01/2002	TEST GENERATOR COMPANY	12 Tonnes

e-Tracking - Report for Movement of Toxic Industrial Waste

Ok

4. The following screen shot shows the consignment id wise report.

Report for Movement of Toxic Industrial Waste

Report from 24 January 2002 to 28 January 2002

 1/29/2002 4:42:06 PM

Consignment Id : <u>TW/2002/42</u>				
Toxic	Sub-Toxic	Date	Generator	Quantity
Sludge	Carbide Sludge	25/01/2002	TEST GENERATOR COMPANY	12 Tonnes
Consignment Id : <u>TW/2002/45</u>				
Alkali	Spent Ammonical Solutions(NH3)	28/01/2002	TEST GENERATOR COMPANY	23 Metric cube (s)

e-Tracking - Report for Movement of Toxic Industrial Waste

Ok