Release Notes – Summary of TSE Admin

1. New Features/Functionality Added

a) TSE Admin module

- Master for
  1) Industry
  2) Application
  3) Product
  4) Make
  5) Test
  6) Test Specification
  7) Other Value Specs
  8) Category to Test Mapping
- Reports
  1) TSE Efficiency Report
  2) CSL Efficiency Report
  3) Customer Services
  4) CSL Equipment Master
  5) Equipment Master
- Control Tab
  1) Control Master
  2) Update Sample
  3) News Control
  4) Industry Details
- Lab Equipments By Lab
- User admin

2. Existing Features / Functionality Modified

a) This is first time release.

3. Existing Features / Functionality Removed

a) This is first time release.

4. Issues Resolved (Bugs if any)

a) This is first time release.

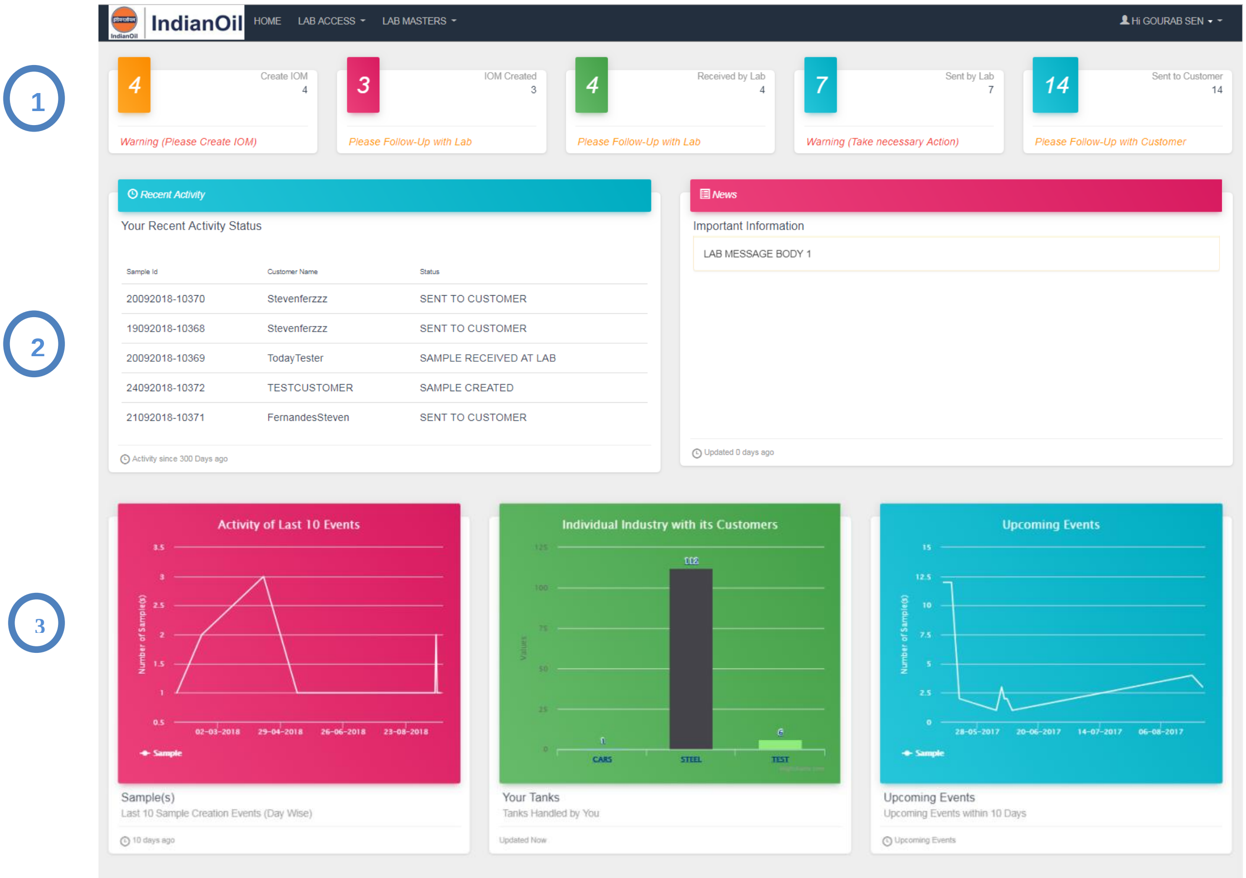
Release Notes - Details

This software helps in condition monitoring program. There are two kinds of roles as of now—TSE and LAB.
Role TSE: Each customer will be mapped to a TSE. TSE will be getting notification alert mails. Once TSE logs into the system,

1.0 New Features/Functionality Added

1.1 Dashboard

All four roles have Dashboard after logging in.



Here, the first row 1, is cards with number of pending sample to be forwarded/check/approved/inbox depending on the selected

The second row 2 contains two cards, the first one represent the recent activity done by the User. E.g. the samples received or sent lately. The second one represents the latest updates/new for the user.

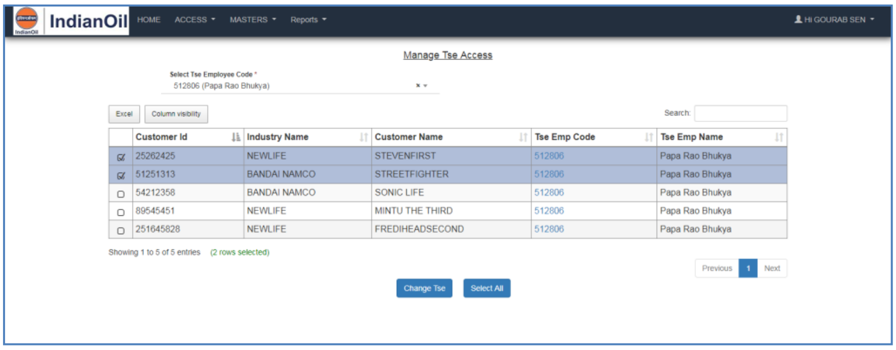
The Final row 3 contains three cards with all graphs in it. Where First represents the samples holding by that user (by role), the second represents the number tank handled by him. And the last card represents the number of events i.e. next samples to be taken within the next 10 days.

1.2 TSE Admin Role:

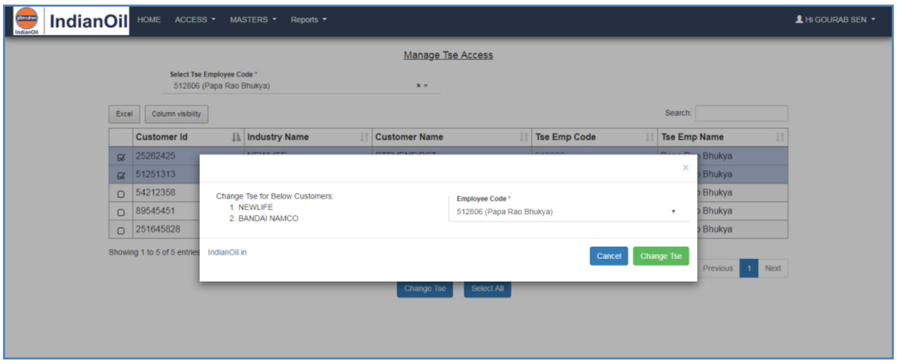
- Manage TSE Access Page

In the Header, Go to **ACCESS -> TSE**

The Manage TSE Access Page is for transferring of customers from one TSE to another. For Changing a customer, the Admin has to select an employee Code, and respective to the employee code selected. The Customers will get filtered in the below table.



Once filtered, select the checkbox of the customer needed to be transferred (Ctrl + right-click) for selecting multiple customers. After selecting, click on Change Tse Button. A modal will appear.

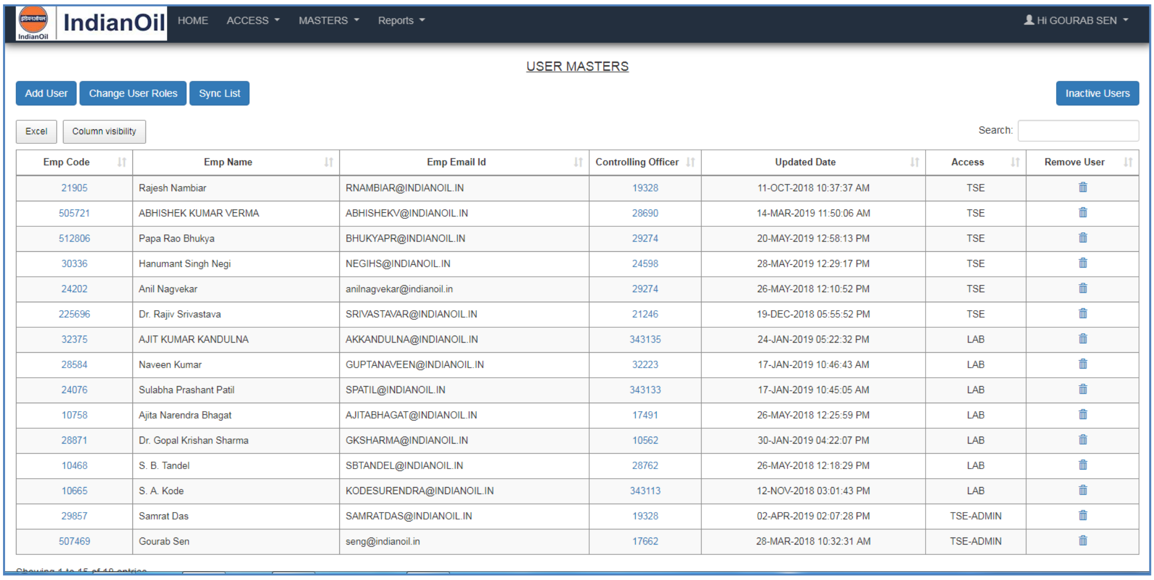


Here, select the respected employee the customer needs to be transferred to. Once done a successful message will pop up and the admin can check the customers assigned to the new employee by selecting employee dropdown list at top.

- Manage Users

In the Header, Go to **ACCESS -> User**

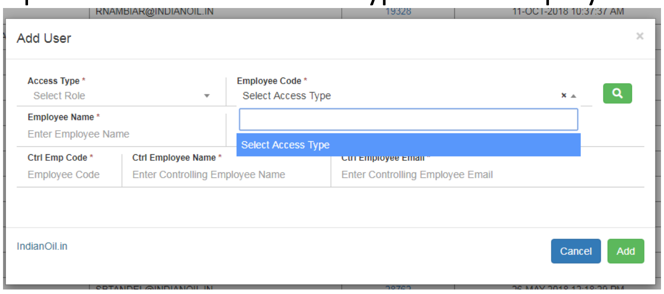
For adding, removal of new Users or changing of roles (TSE, TSE Admin).



Emp Code	Emp Name	Emp Email Id	Controlling Officer	Updated Date	Access	Remove User
21905	Rajesh Nambiar	RNAMBIAR@INDIANOIL.IN	19328	11-OCT-2018 10:37:37 AM	TSE	
505721	ABHISHEK KUMAR VERMA	ABHISHEKV@INDIANOIL.IN	28690	14-MAR-2019 11:50:06 AM	TSE	
512806	Papa Rao Bhukya	BHUKYAPR@INDIANOIL.IN	29274	20-MAY-2019 12:58:13 PM	TSE	
30336	Hanumant Singh Negi	NEGIHS@INDIANOIL.IN	24598	28-MAY-2019 12:29:17 PM	TSE	
24202	Anil Nagvekar	anilnagvekar@indianoil.in	29274	26-MAY-2018 12:10:52 PM	TSE	
225696	Dr. Rajiv Srivastava	SRIVASTAVAR@INDIANOIL.IN	21246	19-DEC-2018 05:55:52 PM	TSE	
32375	AJIT KUMAR KANDULNA	AKKANDULNA@INDIANOIL.IN	343135	24-JAN-2019 05:22:32 PM	LAB	
28584	Naveen Kumar	GUPTANAVEEN@INDIANOIL.IN	32223	17-JAN-2019 10:46:43 AM	LAB	
24076	Sulabha Prashant Patil	SPATIL@INDIANOIL.IN	343133	17-JAN-2019 10:45:05 AM	LAB	
10758	Ajita Narendra Bhagat	AJITABHAGAT@INDIANOIL.IN	17491	26-MAY-2018 12:25:59 PM	LAB	
28871	Dr. Gopal Krishan Sharma	GKSHARMA@INDIANOIL.IN	10562	30-JAN-2019 04:22:07 PM	LAB	
10468	S. B. Tandel	SBTANDEL@INDIANOIL.IN	28762	26-MAY-2018 12:18:29 PM	LAB	
10665	S. A. Kode	KODESURENDRA@INDIANOIL.IN	343113	12-NOV-2018 03:01:43 PM	LAB	
29857	Samrat Das	SAMRATDAS@INDIANOIL.IN	19328	02-APR-2019 02:07:28 PM	TSE-ADMIN	
507469	Gourab Sen	seng@indianoil.in	17662	28-MAR-2018 10:32:31 AM	TSE-ADMIN	

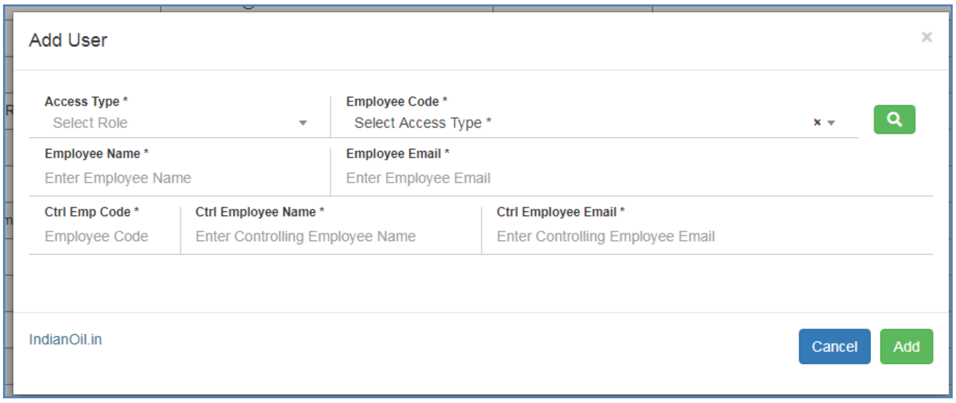
Adding a New User and assigning a role:

Click on Add User for adding a new User. It also mentions which role he belongs with the controlling officer. Here if the user couldn't be found in the 'Employee Code' dropdown then the user can type in the employee code in text field

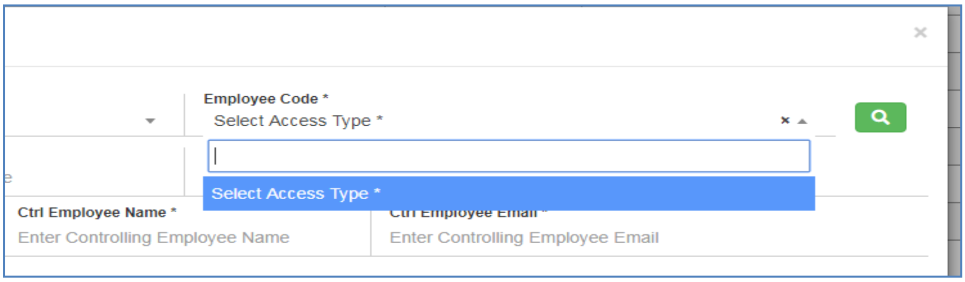


(Step 1). Click on employee Code to open dropdown and start typing the required employee's code (e.g. 00099999). Next press Enter and the employee code will get selected in that field.

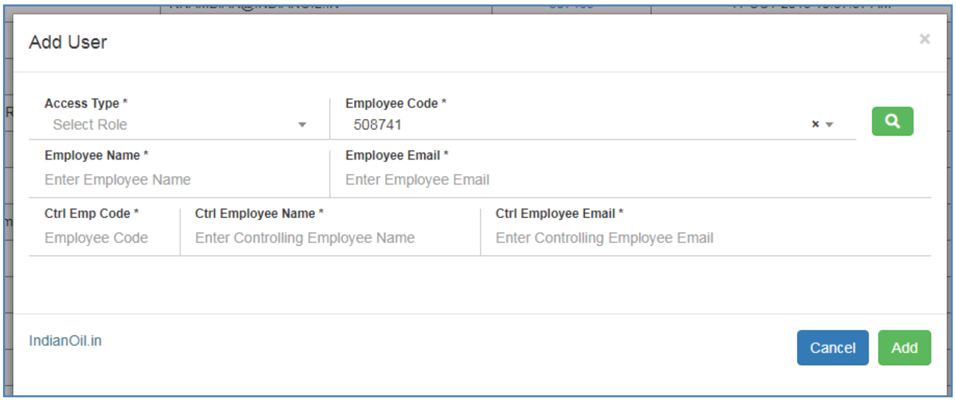
(Step 2). After selecting just click on the search icon beside it for searching. If found the below field will get filtered by details relating to the employee code else a pop up will appear saying ‘**No employee found**’.
Check below for the bold reference.



Step 1:



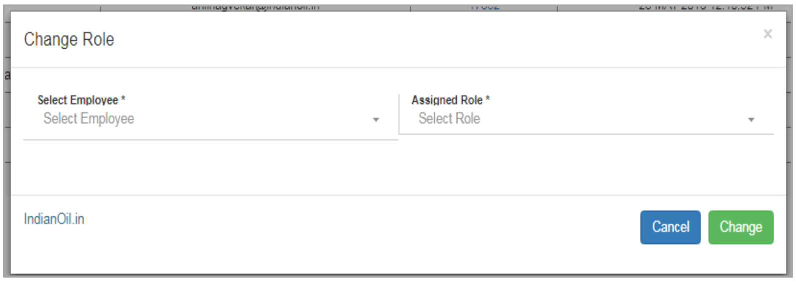
Step2:



Change Existing Role:

The Change User Roles Button is used to change the role of the any desired employee in the Database. The TSE Admin has the rights for changing any employee's role between (TSE and TSE-ADMIN).

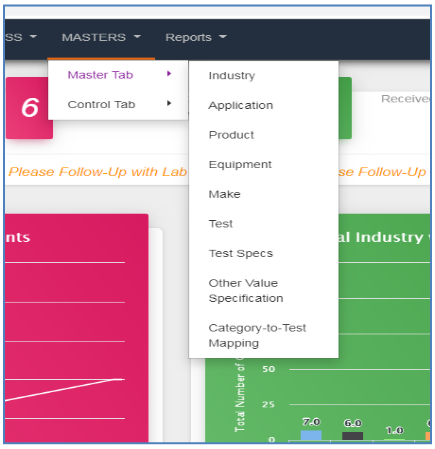
The below modal is used for changing the roles. First select the employee and then the role. **Note:** If an employee is a TSE and have customers under him he/she cannot be changed to TSE-ADMIN. To do so kindly transfer the customer to a newly assigned TSE.

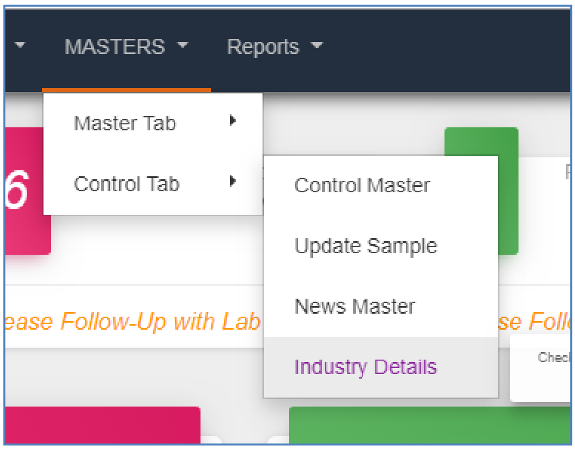


Sync Controlling Officer Data:

The Sync List Button is used for sync the employee masters data. Incase if a user has assigned a new Controlling Officer. This Button can be clicked syncing his/her data.

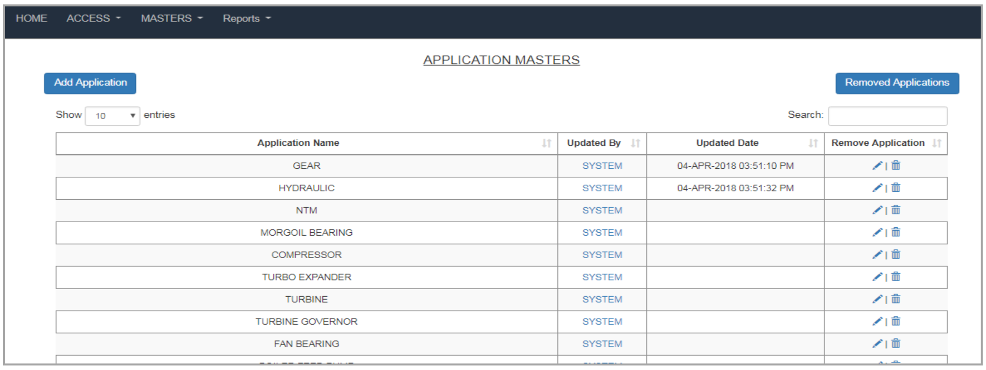
1.2.1 Masters:





There are **7 master pages**.

In every page, the Admin is allowed to Add/Update/Remove a record to the respected table e.g. Application page.

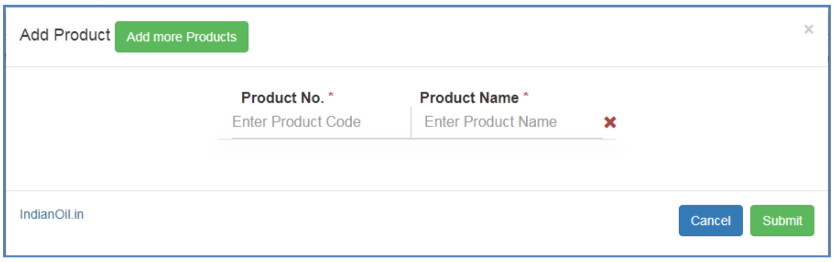


- **Industry**

  To add new industries, activate or deactivate them.
- **Application**

  To add new applications, activate or deactivate them.
- **Product**

  To add products, activate or deactivate them.

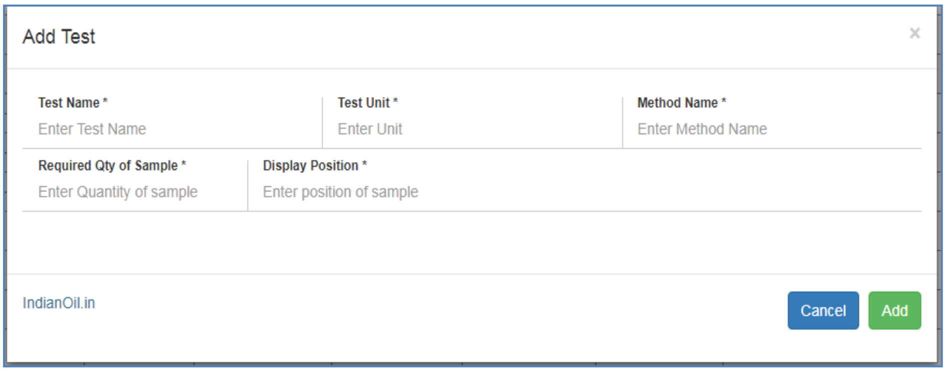


Here the both the fields are mandatory. The product number should be 4 digit numbers or above, else it won't accept. The user is allowed to add multiple products at one time by clicking Add more Products.

- **Make**

  To add new make (brands), activate or deactivate them.
- **Test**

  To add new test parameters testing for sample. Here, in tests the user has to enter the test name, test method, test unit, required qty of sample, display position.



- **Test specs**

To add new test specification against the test created in test master. Here, the user selects the product to get a list of non mapped tests. In the dropdown the test is selected for adding specifications to. There are 6 specifications respectively. That is.,

Min – takes one input, a test case for checking a value is more than given input number.

Max - takes one input, a test case for checking a value is less than given input number.

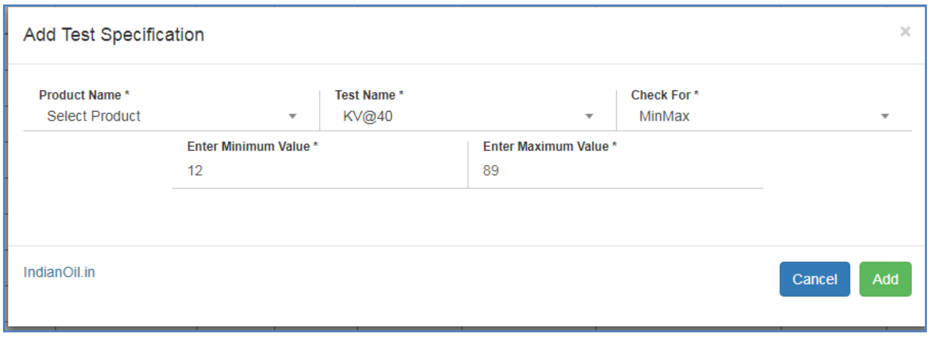
MinMax – takes two numbers, a test case for checking if a value is between these two input numbers.

Novalidation – the test case where the test value doesn't matter

Eqchk – the test case where the test result and input number should be the same.

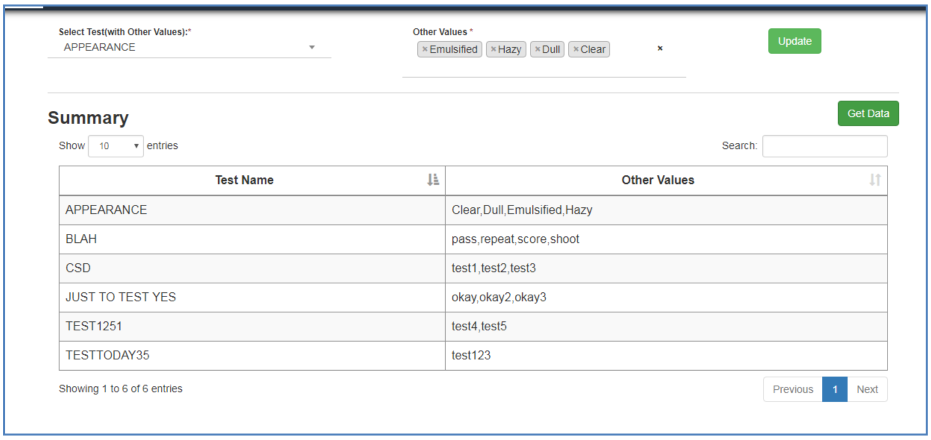
OthVal – It makes the test case a list values which can assigned by redirecting to Other Values Specification Page. These values can differ as it is user defined.

Max with delimiter – is a **deviation** that is the difference between the observed value and an estimate of the true value.



- **Other Value Specs**

  To add values for test parameter with Other Value Specifications.



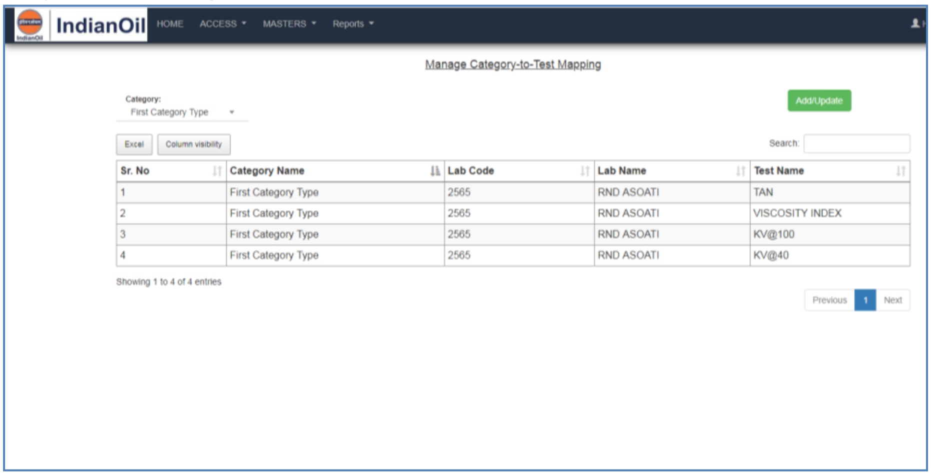
Test Name	Other Values
APPEARANCE	Clear,Dull,Emulsified,Hazy
BLAH	pass,repeat,score,shoot
CSD	test1,test2,test3
JUST TO TEST YES	okay,okay2,okay3
TEST1251	test4,test5
TESTTODAY35	test123

  Select the test which needs adding other values to. If the values are already mapped then it would appear in the next field (Other Values). New values can be added or delete the given of the selected test.

  Click Get Data to get the summary of other values specification added.

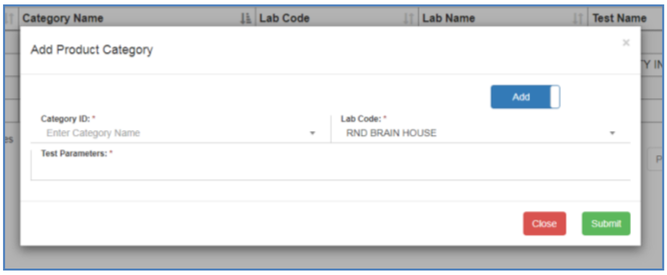
- **Category to Test Mapping**

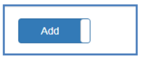
  In this page the TSE-Admin can create new Product Category as well has map these Categories to Test Parameters as desired.



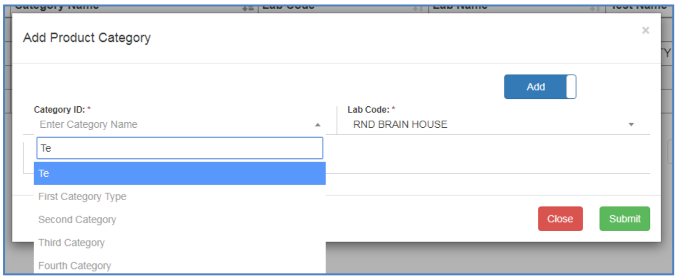
Sr. No	Category Name	Lab Code	Lab Name	Test Name
1	First Category Type	2565	RND ASOATI	TAN
2	First Category Type	2565	RND ASOATI	VISCOSITY INDEX
3	First Category Type	2565	RND ASOATI	KV@100
4	First Category Type	2565	RND ASOATI	KV@40

Here the **Add/Update** button is used for adding and updating category to test mapping. Firstly for creating new category:



Check if the slider has an 'Add' as in for adding a new mapping: 

If yes continue to add, next select category ID and start typing for adding a new category .e.g.



After typing, press enter to have the new Category name get selected. Next choose the lab which needs to be assigned to the category and lastly select all the test parameters needed in the final field. Finally click submit to add.

Secondly for Updating existing category:

First select the category that needs to be updated from the 'category ID' dropdown. Next select the Lab Code previous assigned or updated one. Finally fill the all new test parameter or existing test parameter needed.

There are 4 controls and view table for use.

- **Control Master**

  To edit configuration of the projects such as row limit, maintenance mode, etc.

Index	Field Name	Value
1	Notify Days Limit	10
2	System Maintenance Flag	0
3	Tse Sample Filter Days Limit	20
4	Lab Sample Filter Days Limit	9
5	postpone restrict Days	20
6	Send to LAB date Limit	12
7	High Priority Days	2
8	Medium Priority Days	3
9	Normal Priority Days	5
10	Create Restrict Days	3
11	Server Logs Host	\\\\10.147.69.98\\servocmp_log\\ServoCMP.log
12	Tse Dash Days Limit	300
13	Lab Dash Days Limit	300
14	Row Limit(for every table)	100

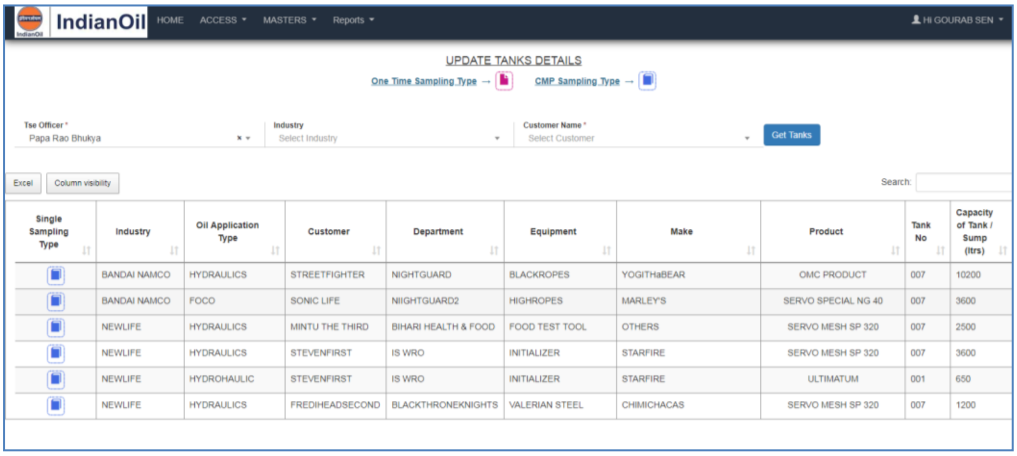
Click ⇄ Edit Mode to edit mode.

Index	Field Name	Value
1	Notify Days Limit	10
2	System Maintenance Flag	0
3	Tse Sample Filter Days Limit	20
4	Lab Sample Filter Days Limit	9
5	postpone restrict Days	20
6	Send to LAB date Limit	12
7	High Priority Days	2
8	Medium Priority Days	3
9	Normal Priority Days	5
10	Create Restrict Days	3

After few change the button will start to blink indicating to update the change records to DB. Click Update and Sync to update the changes made and to sync to Db.

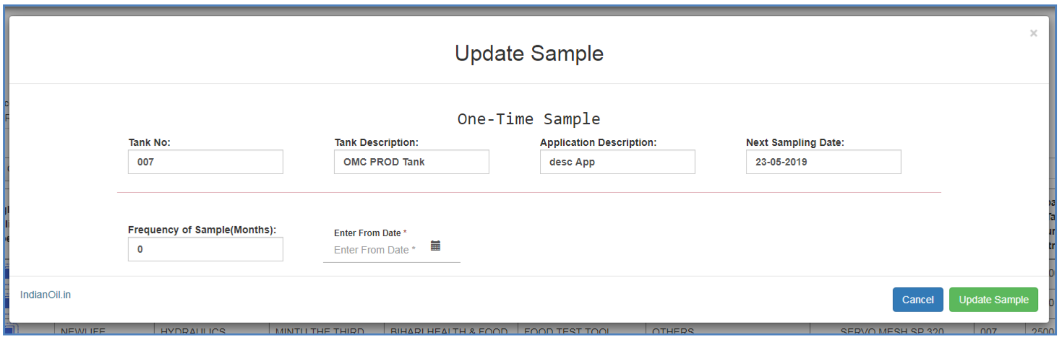
- **Update Sample**

  This page is used for updating samples of TSE's if they passed their sample due date and cannot proceed forward.



Single Sampling Type	Industry	Oil Application Type	Customer	Department	Equipment	Make	Product	Tank No	Capacity of Tank / Sump (ltrs)
	BANDAI NAMCO	HYDRAULICS	STREETFIGHTER	NIGHTGUARD	BLACKROPES	YOGITHaBEAR	OMC PRODUCT	007	10200
	BANDAI NAMCO	FOCO	SONIC LIFE	NIIGHTGUARD2	HIGHROPES	MARLEY'S	SERVO SPECIAL NG 40	007	3600
	NEWLIFE	HYDRAULICS	MINTU THE THIRD	BIHARI HEALTH & FOOD	FOOD TEST TOOL	OTHERS	SERVO MESH SP 320	007	2500
	NEWLIFE	HYDRAULICS	STEVENFIRST	IS WRO	INITIALIZER	STARFIRE	SERVO MESH SP 320	007	3600
	NEWLIFE	HYDROHAULIC	STEVENFIRST	IS WRO	INITIALIZER	STARFIRE	ULTIMATUM	001	650
	NEWLIFE	HYDRAULICS	FREDIHEADSECOND	BLACKTHRONEKNIGHTS	VALERIAN STEEL	CHIMICHACAS	SERVO MESH SP 320	007	1200

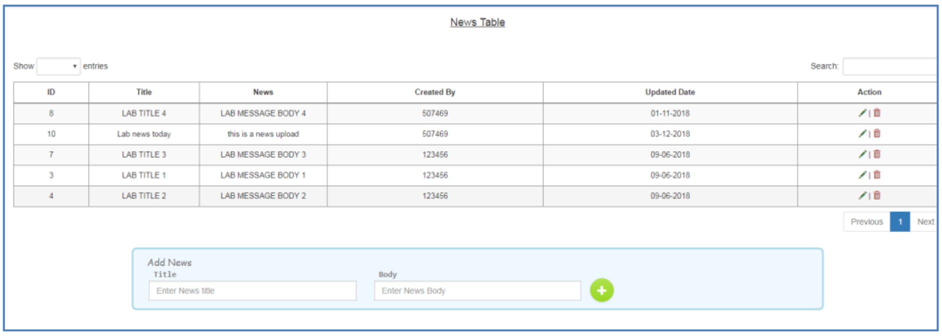
  For updating samples, click on the desired sample. A modal will appear:.



  Here the above row is disabled for just read only. The second row is editable. The TSE-Admin can change the frequency and the new sample to be drawn Date. Once changed, click on 'Update Sample' to update the sample. Done.

- **News Controller**

  Here the TSE-admin is allowed to add news to display on the dashboard of every TSE user.

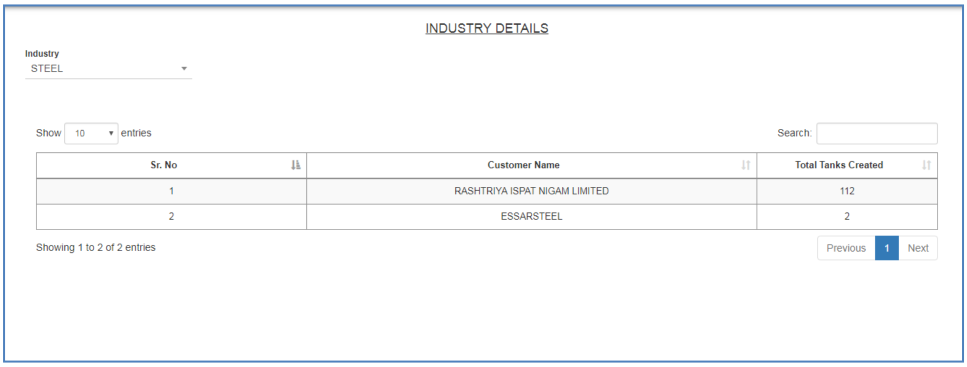


ID	Title	News	Created By	Updated Date	Action
8	LAB TITLE 4	LAB MESSAGE BODY 4	507469	01-11-2018	
10	Lab news today	this is a news upload	507469	03-12-2018	
7	LAB TITLE 3	LAB MESSAGE BODY 3	123456	09-06-2018	
3	LAB TITLE 1	LAB MESSAGE BODY 1	123456	09-06-2018	
4	LAB TITLE 2	LAB MESSAGE BODY 2	123456	09-06-2018	

Add in the dialog below the table. The dialog includes a title and body. The admin is allowed to edit or delete the news if needed.

- **Industry Details**

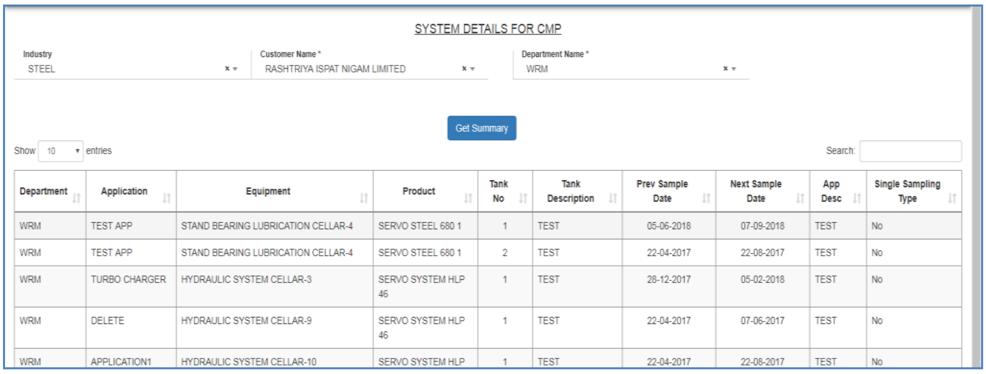
Industry Details the user can fetch customer relating to a single industry with totals tanks created against that customer.



Sr. No	Customer Name	Total Tanks Created
1	RASHTRIYA ISPAT NIGAM LIMITED	112
2	ESSARSTEEL	2

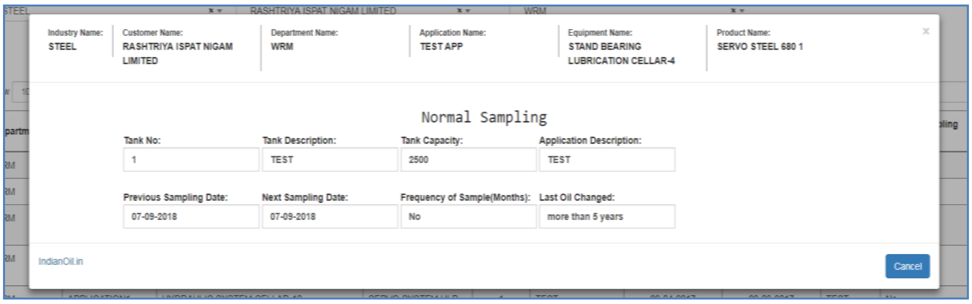
- **Tank Details**

In tank details, the user has to select industry and customer for fetching all the tanks under that customer. The fetched data contains all the details of the tank. The tank details are read only.



Department	Application	Equipment	Product	Tank No	Tank Description	Prev Sample Date	Next Sample Date	App Desc	Single Sampling Type
WRM	TEST APP	STAND BEARING LUBRICATION CELLAR-4	SERVO STEEL 680 1	1	TEST	05-06-2018	07-09-2018	TEST	No
WRM	TEST APP	STAND BEARING LUBRICATION CELLAR-4	SERVO STEEL 680 1	2	TEST	22-04-2017	22-08-2017	TEST	No
WRM	TURBO CHARGER	HYDRAULIC SYSTEM CELLAR-3	SERVO SYSTEM HLP 46	1	TEST	28-12-2017	05-02-2018	TEST	No
WRM	DELETE	HYDRAULIC SYSTEM CELLAR-9	SERVO SYSTEM HLP 46	1	TEST	22-04-2017	07-06-2017	TEST	No
WRM	APPLICATION1	HYDRAULIC SYSTEM CELLAR-10	SERVO SYSTEM HLP	1	TEST	22-04-2017	22-08-2017	TEST	No

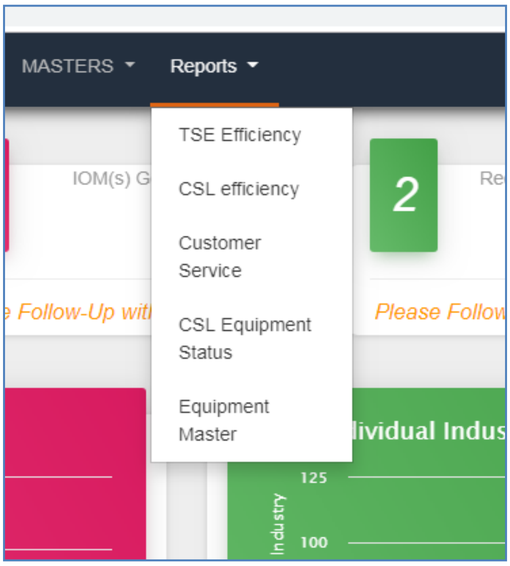
On clicking individual a dialog will open with extra details about that tank.



1.2.2 Reports:

There are five types of reports:-

- TSE Efficiency Reports
- CSL Efficiency Reports
- Customer Services
- CSL Equipment Status
- Equipment Master

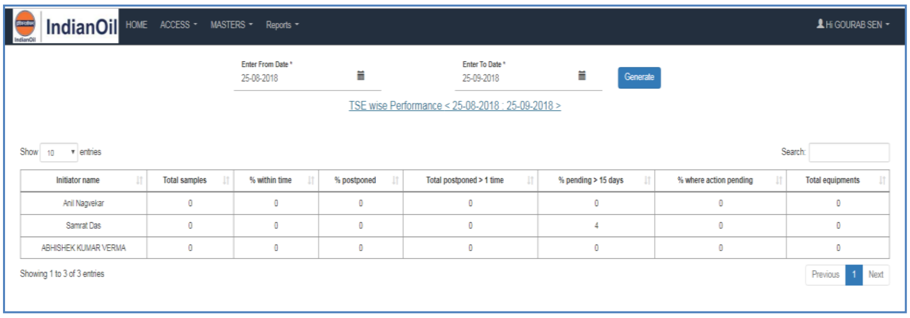


At the top of each report there are two field for entering the start and end date.

TSE Efficiency Reports:

In the header, go to **Reports->TSE Performance**

This report is used to check the status of individual TSE by performance. For instance, how many sample does the TSE have, sample submission done in percentage, samples postponed in percentage, total samples postponed more than one times, sample pending more than 15 days(%), total equipment allotted to that TSE.

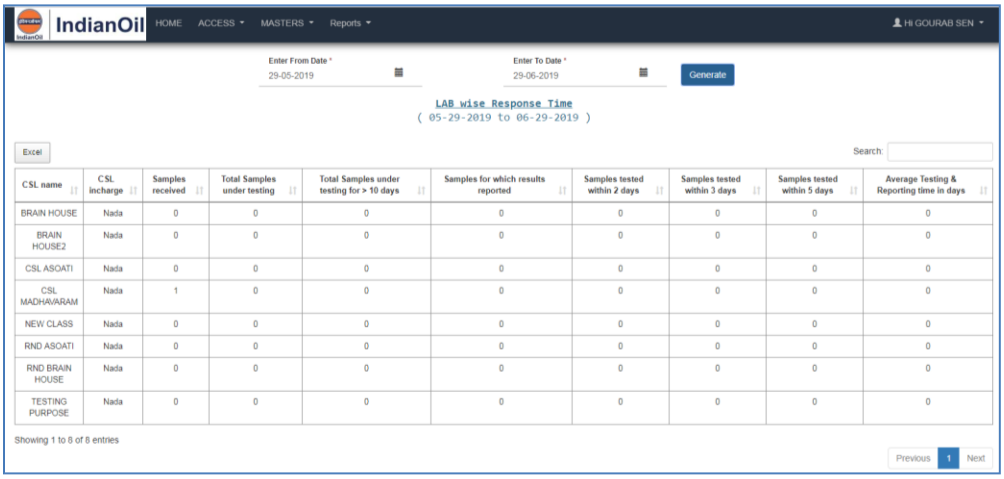


Initiator name	Total samples	% within time	% postponed	Total postponed > 1 time	% pending > 15 days	% where action pending	Total equipments
Anil Nagvekar	0	0	0	0	0	0	0
Samrat Das	0	0	0	0	4	0	0
ABHISHEK KUMAR VERMA	0	0	0	0	0	0	0

CSL Efficiency Report:

In the Header, go to **Reports-> CSL Efficiency Report**

The report shows the response time taken by individual lab In-charge while approving/processing/forwarding a sample.

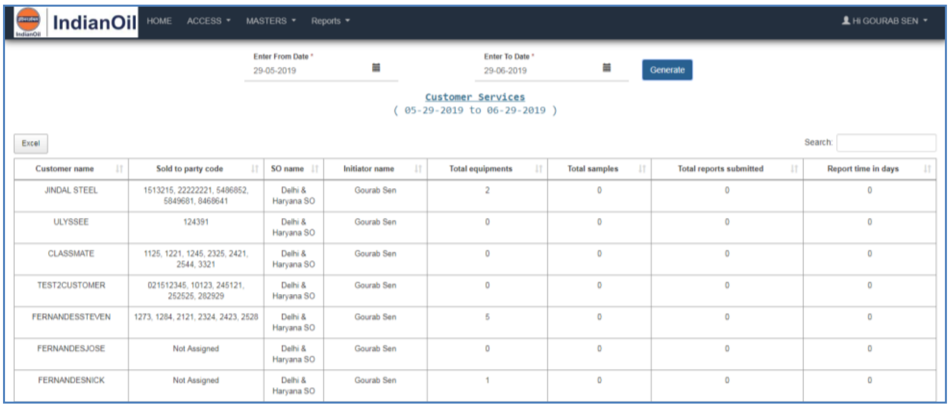


CSL name	CSL incharge	Samples received	Total Samples under testing	Total Samples under testing for > 10 days	Samples for which results reported	Samples tested within 2 days	Samples tested within 3 days	Samples tested within 5 days	Average Testing & Reporting time in days
BRAIN HOUSE	Nada	0	0	0	0	0	0	0	0
BRAIN HOUSE2	Nada	0	0	0	0	0	0	0	0
CSL ASOATI	Nada	0	0	0	0	0	0	0	0
CSL MADHAVARAM	Nada	1	0	0	0	0	0	0	0
NEW CLASS	Nada	0	0	0	0	0	0	0	0
RND ASOATI	Nada	0	0	0	0	0	0	0	0
RND BRAIN HOUSE	Nada	0	0	0	0	0	0	0	0
TESTING PURPOSE	Nada	0	0	0	0	0	0	0	0

Customer Services:

In the Header, go to **Reports-> Customer Services**

This report shows how many samples are under the particular customer, how many are submitted to him, and how many are approved by TSE and also the total time taken in days.

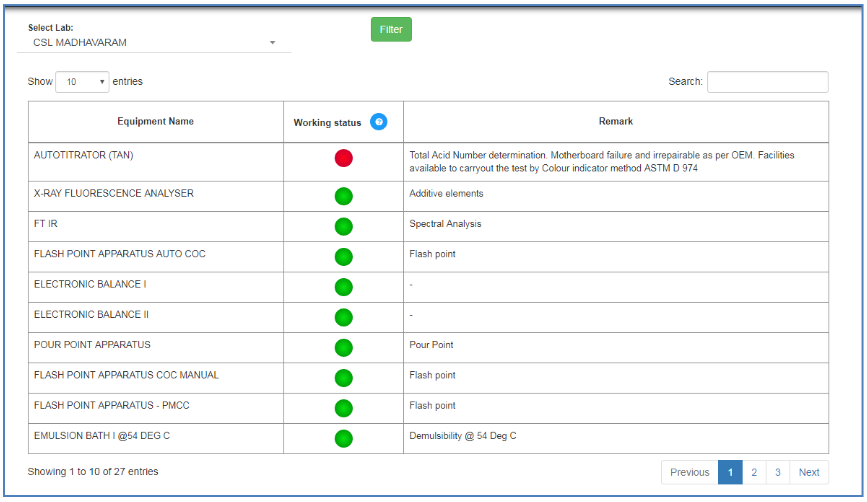


Customer name	Sold to party code	SO name	Initiator name	Total equipments	Total samples	Total reports submitted	Report time in days
JINDAL STEEL	1513215, 22222221, 5486852, 5849681, 8468641	Delhi & Haryana SO	Gourab Sen	2	0	0	0
ULYSSEE	124391	Delhi & Haryana SO	Gourab Sen	0	0	0	0
CLASSMATE	1125, 1221, 1245, 2325, 2421, 2544, 3321	Delhi & Haryana SO	Gourab Sen	0	0	0	0
TEST2CUSTOMER	021512345, 10123, 245121, 252525, 282929	Delhi & Haryana SO	Gourab Sen	0	0	0	0
FERNANDESSTEVEN	1273, 1284, 2121, 2324, 2423, 2528	Delhi & Haryana SO	Gourab Sen	5	0	0	0
FERNANDESJOSE	Not Assigned	Delhi & Haryana SO	Gourab Sen	0	0	0	0
FERNANDESNICK	Not Assigned	Delhi & Haryana SO	Gourab Sen	1	0	0	0

CSL Equipment Status:

In the Header, Go to **Reports-> CSL Equipment Status**

The report is for displaying all the equipments under the selected labs. The table displayed below contains the equipment name, its working condition and the remarks provided if the equipment is not working.



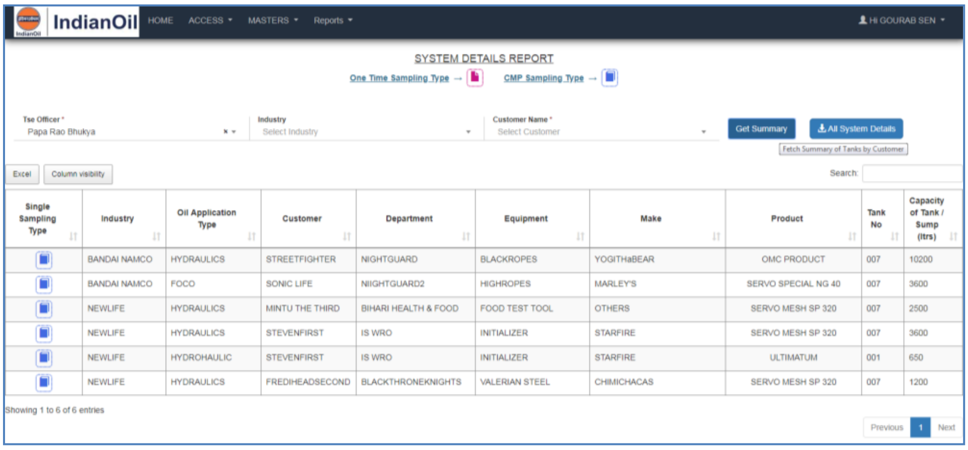
Equipment Name	Working status	Remark
AUTOTITRATOR (TAN)		Total Acid Number determination. Motherboard failure and irrepairable as per OEM. Facilities available to carryout the test by Colour indicator method ASTM D 974
X-RAY FLUORESCENCE ANALYSER		Additive elements
FT IR		Spectral Analysis
FLASH POINT APPARATUS AUTO COC		Flash point
ELECTRONIC BALANCE I		-
ELECTRONIC BALANCE II		-
POUR POINT APPARATUS		Pour Point
FLASH POINT APPARATUS COC MANUAL		Flash point
FLASH POINT APPARATUS - PMCC		Flash point
EMULSION BATH I @54 DEG C		Demulsibility @ 54 Deg C

The '?' icon in the second column is information about the green and red. Click it to view it.

Equipment Master:

In the Header, Go to **Reports-> Equipment Master**

This report is used for retrieving the all tanks details of all or individual customer created. The TSE-Admin also have the feature of narrowing the search by adding customer and industry filter.

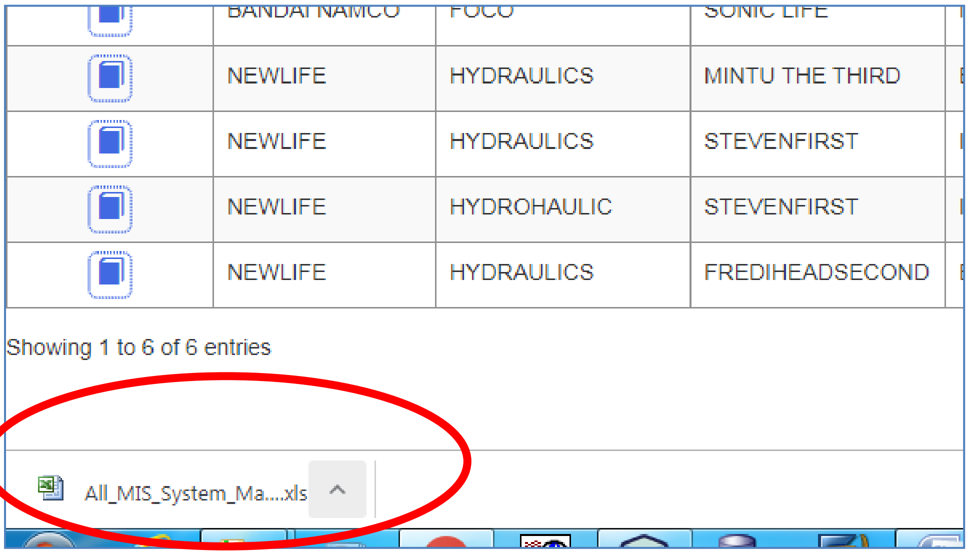


Single Sampling Type	Industry	Oil Application Type	Customer	Department	Equipment	Make	Product	Tank No	Capacity of Tank / Sump (ltrs)
	BANDAI NAMCO	HYDRAULICS	STREETFIGHTER	NIGHTGUARD	BLACKROPES	YOGITHaBEAR	OMC PRODUCT	007	10200
	BANDAI NAMCO	FOCO	SONIC LIFE	NIIGHTGUARD2	HIGHROPES	MARLEY'S	SERVO SPECIAL NG 40	007	3600
	NEWLIFE	HYDRAULICS	MINTU THE THIRD	BIHARI HEALTH & FOOD	FOOD TEST TOOL	OTHERS	SERVO MESH SP 320	007	2500
	NEWLIFE	HYDRAULICS	STEVENFIRST	IS WRO	INITIALIZER	STARFIRE	SERVO MESH SP 320	007	3600
	NEWLIFE	HYDROHAULIC	STEVENFIRST	IS WRO	INITIALIZER	STARFIRE	ULTIMATUM	001	650
	NEWLIFE	HYDRAULICS	FREDIHEADSECOND	BLACKTHRONEKNIGHTS	VALERIAN STEEL	CHIMICHACAS	SERVO MESH SP 320	007	1200

Here, The TSE-Admin can download the whole list of tanks present to date. By selecting on TSE Officer as **'All'** and clicking on the **'All System Details'** Button.

Note: The retrieving of the whole excel sheet takes a bit time, so kindly have patients.

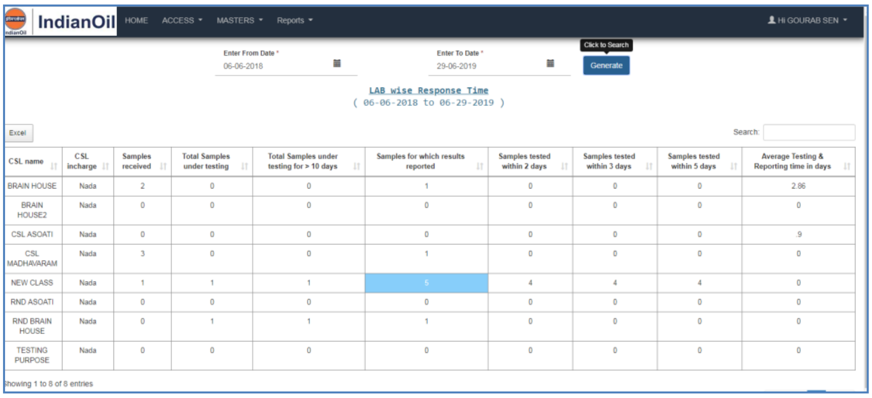
Once download it show up here:



BANDAI NAMCO	FOCO	SONIC LIFE
NEWLIFE	HYDRAULICS	MINTU THE THIRD
NEWLIFE	HYDRAULICS	STEVENFIRST
NEWLIFE	HYDROHAULIC	STEVENFIRST
NEWLIFE	HYDRAULICS	FREDIHEADSECOND

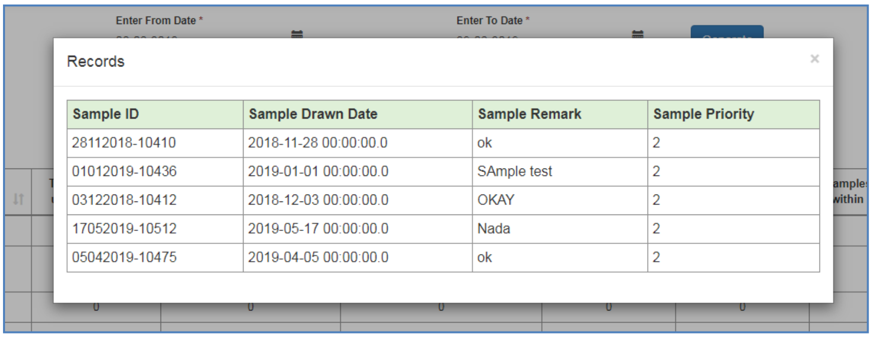
Extra Feature:

In every report, the TSE-Admin can click on the respected cell to view the total no. of XXX (e.g. samples, customers, etc.).



CSL name	CSL incharge	Samples received	Total Samples under testing	Total Samples under testing for > 10 days	Samples for which results reported	Samples tested within 2 days	Samples tested within 3 days	Samples tested within 5 days	Average Testing & Reporting time in days
BRAIN HOUSE	Nada	2	0	0	1	0	0	0	2.86
BRAIN HOUSE2	Nada	0	0	0	0	0	0	0	0
CSL ASOATI	Nada	0	0	0	0	0	0	0	.9
CSL MADHAVARAM	Nada	3	0	0	1	0	0	0	0
NEW CLASS	Nada	1	1	1	5	4	4	4	0
RND ASOATI	Nada	0	0	0	0	0	0	0	0
RND BRAIN HOUSE	Nada	0	1	1	1	0	0	0	0
TESTING PURPOSE	Nada	0	0	0	0	0	0	0	0

Click on the blue tile to expand a table with info



Sample ID	Sample Drawn Date	Sample Remark	Sample Priority
28112018-10410	2018-11-28 00:00:00.0	ok	2
01012019-10436	2019-01-01 00:00:00.0	SAmple test	2
03122018-10412	2018-12-03 00:00:00.0	OKAY	2
17052019-10512	2019-05-17 00:00:00.0	Nada	2
05042019-10475	2019-04-05 00:00:00.0	ok	2

2.0 Existing Features/Functionalities Modified

This is the first release.

3.0 Existing Features/Functionalities Removed

This is the first release.

4.0 Issues Resolved(Bugs If any)

This is the first release.