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1 VERSION HISTORY

Ver. No.	Date	Change Summary	Prepared By	Reviewed By	Approved By
0.1	27/01/2021	Initiated	Shilpa		

2 ABOUT FABOS

2.1 *Introduction*

Factories And Boilers Online System (FABOS) is intended to provide Online facility for the Factory owners and to facilitate efficient and faster processing of the requests received. The beneficiaries will be able to interface with the Directorate through the Internet. This will include submission of applications, online payment facility, SMS integration etc. It also provides facility to the users for making payments through Friends / Akshaya counters. Other possibility is to publish the relevant information like status of various requests made by the users through the Friends / Akshaya centres.

The FABOS will facilitate the senior officers of the department and the minister to view the current status of Inspection/ Factory Information / Boiler Information / Legal Information / Finance etc. Decisions can be taken effectively and swiftly with the availability of right information on demand. Further it automates the core Functional, HR, Financial and Administrative areas of the Directorate and all its sub offices, including the public interfacing of the functional activities which will result in significant improvements in efficiency and reduction of workload of the organization. In the present era of transparent and accountable Governance, the Public Interfacing of the Department is a major aspect. For the Directorate this is an important factor as all the Factories operating in the state, needs to regularly submit information, provide clarifications, effect payments, renew licenses etc.

2.2 *Conventions Followed*

In this user manual, the software buttons are represented as **[Button]** (bold and bracketed). The Hyperlinks are represented as **Link** (bold and underlined). And the text fields are represented as (*Text*) (italicized and bracketed). The lists are represented as (Text) (bracketed). The radio buttons are represented as **(bold and bracketed)**.

3 STAKE HOLDERS

FABOS Boiler Registration Module will have the following Stakeholders:

3.1 Applicant (Boiler Owner)

Boiler Owner can apply for registration of boiler, submit commencement letter, material identification date, open testing date, hydraulic testing date, and completion letter when notified by the inspector

3.2 Inspector

Once application is submitted by Boiler owner, inspector verifies the application request for Commencement form, Material Identification Date, Open Testing Date, Completion Form; when requested details are provided by the applicant, inspector will update material identification details, open testing details, hydraulic testing details, Form B2 details; once verified application will be forwarded to the director

3.3 Joint Director

When open testing details are forwarded by Inspector, Joint Director verifies the details, update sanction order and return it back to the inspector

3.4 Director

Director after verifying the boiler details will allot the boiler to the applicant and will have the provision to approve the application once all details are verified.

4 PROCEDURE

4.1 Logging into the Portal

User can login to the portal by entering the *Username, Password and Captcha* provided, then click on **[Login]** button

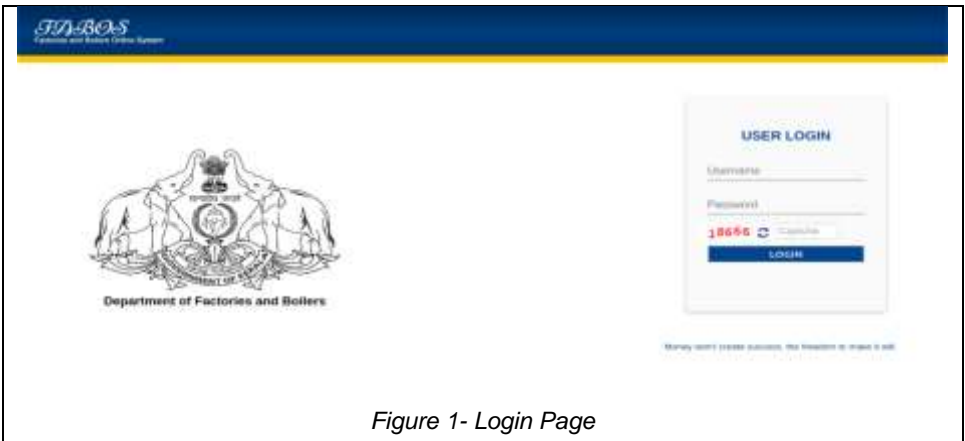


Figure 1- Login Page

4.2 Apply for Registration of Boiler

Once logged in, click on *Boiler* icon on the following page



Figure 2- Boiler Icon

4.3 Add New Boiler

On the following page that appears, under *Work Space (Boiler)* tab click on [New Boiler] on the top-right corner of the page, to add new boiler

List of Boilers	Boiler Name	Registration Number	Fuel Registration	Region	Status
1	Boiler 1				Active
2	Boiler 2				Active
3	Boiler 3				Active
4	Boiler 4				Active
5	Boiler 5				Active
6	Boiler 6				Active
7	Boiler 7				Active
8	Boiler 8				Active
9	Boiler 9				Active
10	Boiler 10				Active
11	Boiler 11				Active
12	Boiler 12				Active
13	Boiler 13				Active
14	Boiler 14				Active
15	Boiler 15				Active
16	Boiler 16				Active
17	Boiler 17				Active
18	Boiler 18				Active
19	Boiler 19				Active
20	Boiler 20				Active
21	Boiler 21				Active
22	Boiler 22				Active
23	Boiler 23				Active
24	Boiler 24				Active
25	Boiler 25				Active
26	Boiler 26				Active
27	Boiler 27				Active
28	Boiler 28				Active
29	Boiler 29				Active
30	Boiler 30				Active

Figure 3- New Boiler

4.4 Add Boiler Details

User can add boiler details under the *Boiler Workspace* tab by clicking the [Add New] on the top-right corner, enter the details and click on **[Save]** button, once saved user can Edit/Delete the added details by clicking [Edit] [Delete]



Figure 4- Add New Boiler

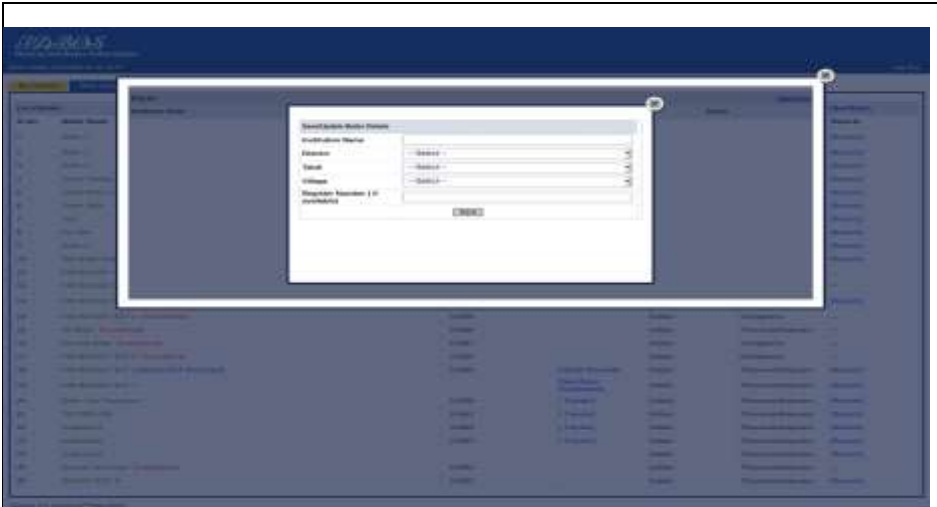


Figure 5- Add Boiler Details

4.5 Submit Boiler Details

By clicking on [Submit] user can submit the boiler details to the Director

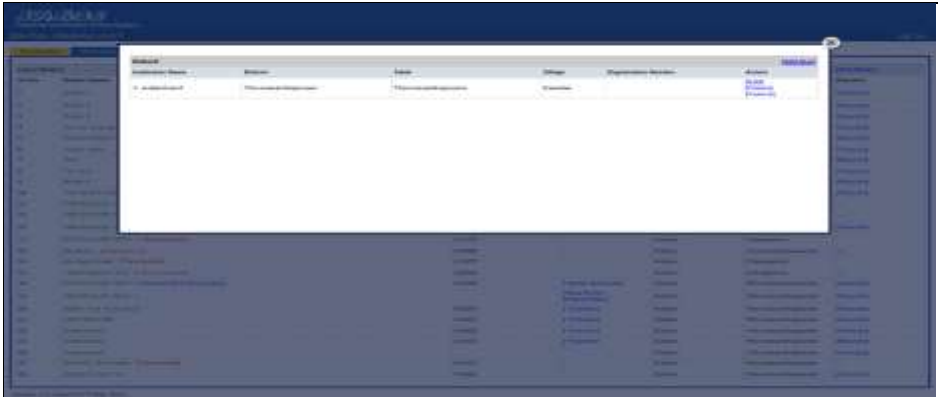


Figure 6- Submit Boiler Details

Once submitted it will be listed under *Boiler Workspace* tab

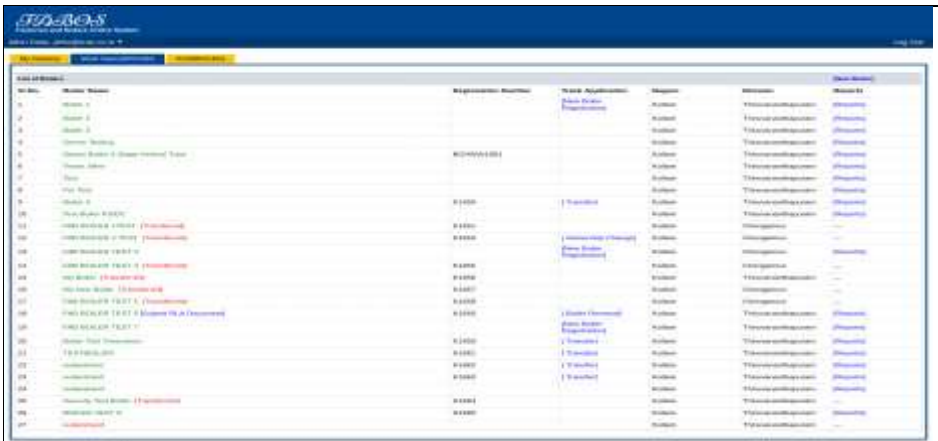


Figure 7- New Boiler Added

4.6 Logging in as Director F&B

Director can login to the portal using the credentials, once logged in select *BIS* from *Modules*



Figure 8- BIS Icon

4.7 Allot the Boiler to the Applicant

Under *Inbox* tab, click on [*Setups*] provided on the top of the page, search for the applicant using License Number/User Name/Email/Mobile No, once found click on [*Allot*]/ [*Dealot*] provided against the user

ID No.	Name	Address	Boiler No.	Email Id	Identification Document	Action
1	MADHU SIVARAM	Subramanian Institute of Technology, Thanjavur, Tamil Nadu, India, PIN: 613001, Madhavipuram Post Office	00000001	Amritha@subinstitute.com	None	View Refresh Delete Add Edit Print
2	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000002	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
3	ELECTRONIC ENGINEERING	SRMISTECH ENGINEERING COLLEGE, KATTANUR, INDIA, PIN: 626002	00000003	Asst@srmistech.edu	None	View Refresh Delete Add Edit Print
4	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000004	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
5	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000005	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
6	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000006	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
7	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000007	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
8	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000008	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
9	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000009	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
10	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000010	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
11	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000011	Suresh@vpece.com	None	View Refresh Delete Add Edit Print
12	SARASWATHI SURESH	VELUPILLAI PRUDHUMATHI ENGINEERING COLLEGE, PONDICHERRY, INDIA, PIN: 605002	00000012	Suresh@vpece.com	None	View Refresh Delete Add Edit Print

Figure 9- Allot/Deallot Boiler

Once clicked, on the pop-up that appears, click on *[Allot]* provided against the concerned Institution name

ID No.	Name	Address	Boiler No.	Email Id	Identification Document	Action
1	Allot Boiler	ADDRESS: 123 STREET, TAMIL NADU	00000001	amritha@subinstitute.com	None	View Refresh Delete Add Edit Print

Figure 10- Allot Boiler

4.8 Add Details for Boiler Registration

Once boiler is allotted, When the applicant gets logged in under the *Boiler Workspace* tab, click on the concerned institution and click on *Boiler*

Registration Icon, on the following page named “Application of Registration for New Boilers” under *Boiler Details* subtab add all the necessary details

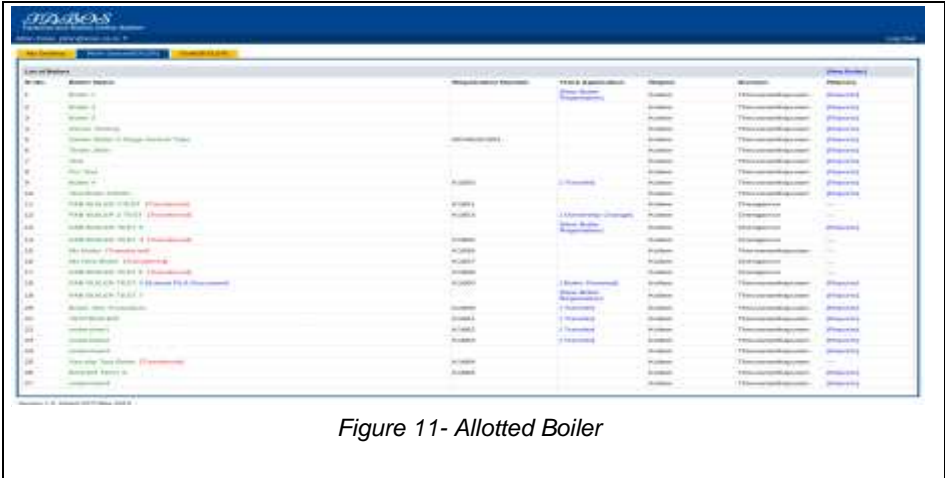


Figure 11- Allotted Boiler

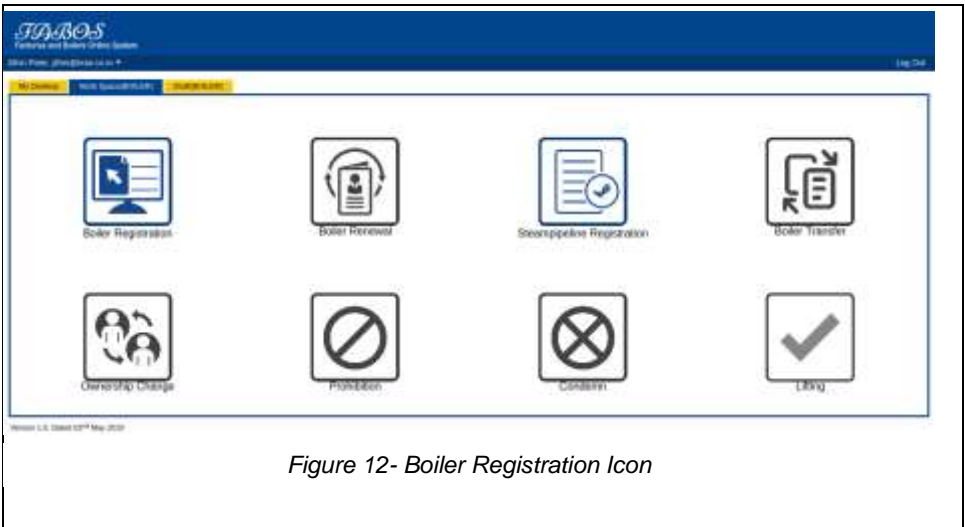


Figure 12- Boiler Registration Icon

The screenshot shows the 'Application for Registration of New Boiler' form. The form is divided into several sections:

- Boiler Details:** Includes fields for Boiler Name, Boiler Code, Boiler Model, Boiler Address, and Boiler Model (to be added).
- Boiler Capacity (in Boiler):** Includes fields for Capacity, Unit, and Type of Boiler.
- Boiler Manufacturer Details:** Includes fields for Manufacturer Name, Manufacturer Address, and Manufacturer Code.
- Boiler Installation Details:** Includes fields for Installation Date, Installation Address, and Installation Code.
- Boiler Installation Details:** Includes fields for Installation Date, Installation Address, and Installation Code.
- Boiler Installation Details:** Includes fields for Installation Date, Installation Address, and Installation Code.

At the bottom of the form, there is a 'Continue' button.

Figure 13- Application for Registration of New Boiler

Once boiler details are added, click on **[Continue]** button. And then user can add *Manufacture/Erector Details*, click on **[Continue]** button to add Attachments and make payment

The screenshot shows the 'Application for Registration of New Boiler' form, specifically the 'Boiler Manufacturer Details' section. The form is divided into several sections:

- Boiler Manufacturer Details:** Includes fields for Boiler Manufacturer Name, Boiler Manufacturer Code, Boiler Manufacturer Address, and Boiler Manufacturer Code.
- Boiler Manufacturer Details:** Includes fields for Boiler Manufacturer Name, Boiler Manufacturer Code, Boiler Manufacturer Address, and Boiler Manufacturer Code.
- Boiler Manufacturer Details:** Includes fields for Boiler Manufacturer Name, Boiler Manufacturer Code, Boiler Manufacturer Address, and Boiler Manufacturer Code.
- Boiler Manufacturer Details:** Includes fields for Boiler Manufacturer Name, Boiler Manufacturer Code, Boiler Manufacturer Address, and Boiler Manufacturer Code.
- Boiler Manufacturer Details:** Includes fields for Boiler Manufacturer Name, Boiler Manufacturer Code, Boiler Manufacturer Address, and Boiler Manufacturer Code.

At the bottom of the form, there is a 'Continue' button.

Figure 14- Manufacture/Erector Details

Figure 15- Add Attachments

Figure 16- Payment Details

When all necessary details are added and payment is done, click on **[Submit]**

Application] button

The screenshot displays the 'Registration of New Boiler Fee Details' form in the FABOS system. The form contains the following fields:

- Boiler Rating / Heating surface / Water Tube Area: 11
- Integrated Economiser Surface Area: 11
- Boiler Area of FRIG: 14
- Whether into operation is intended: Yes (selected)

Below the form is a table with the following columns: Sl. No., SAR, Checker Name, Checker Type, Amount, Date, Status, Mail, and App. Status. A 'Submit Application' button is located at the bottom of the form area.

Figure 17- Submit Application

4.9 View Received Boiler Registration Application

When director gets logged in, he/she will be able to view the received application under *Inbox* tab of *BIS* Module click on *[View]* against the concerned application, once details are verified Director has the provision to add *Remarks* and click on **[Forward]** button and select the user to which application is to be forwarded and click on **[Send]** button



Figure 18- BIS Module

SNo	Boiler Name	Register Number	Received Date	Request Type	Fees	Status
1	Substation		2023-03-21	Boiler Registration	Public Date	0000
2	Complete Renewal Application		2023-03-28	Completed Renewal	Public Date	0000
3	Boiler Manufacturer Registration		2023-03-28	Boiler Manufacturer	Public Date	0000
4	Substation	4389	2023-03-28	Boiler Transfer	Manufacturers (Transfer)	0000
5	Substation	4389	2023-03-28	Boiler Transfer	Manufacturers (Transfer)	0000
6	The System		2023-03-28	Change Certificate	Manufacturers (Transfer)	0000
7	MSB 01500 2 0007		2023-03-28	Change Certificate	Manufacturers (Transfer)	0000

Figure 19- Received Applications

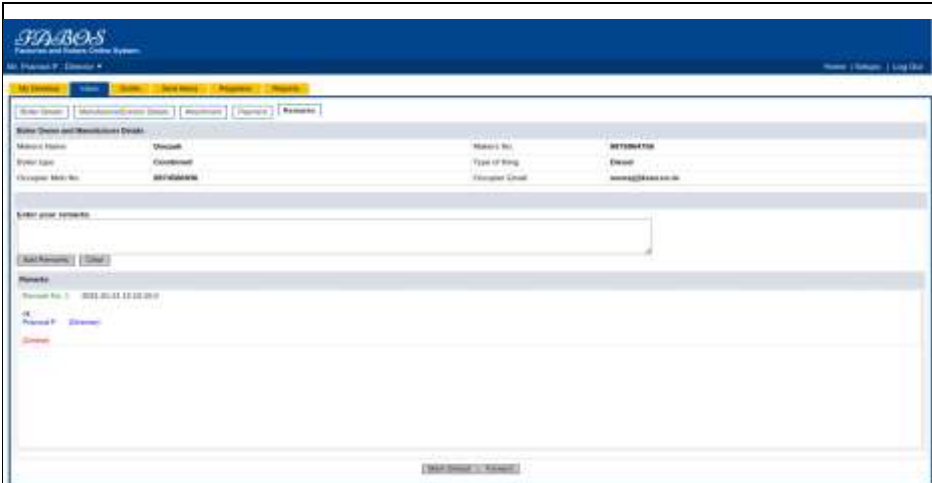


Figure 20- Forward Application

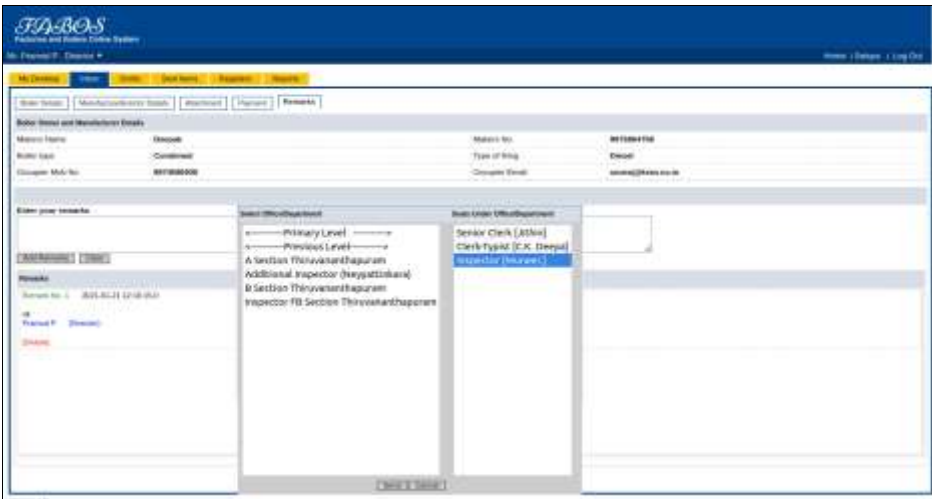
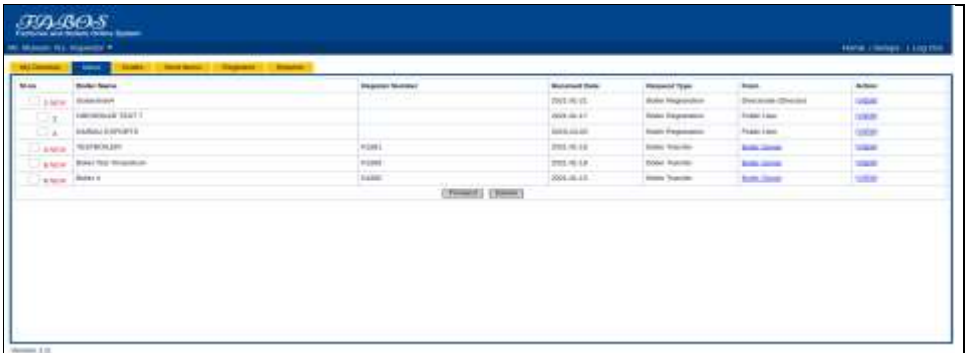


Figure 21- Select User and Send

4.10 Logging in as Inspector

Once logged in as inspector, he/she will be able to view the application under *Inbox* tab of *BIS* Module click on *[View]* against the concerned application, once details are verified Inspector has the provision to add *Remarks*.



The screenshot displays the FABOS application interface. At the top, there is a navigation bar with the FABOS logo and the text 'FABOS - Fire Alarm and Protection System'. Below the navigation bar, there is a menu with options like 'Home', 'Inbox', 'New Application', 'Application', and 'Reports'. The main content area shows a table of received applications. The table has columns for 'Make', 'Order Number', 'Registration Number', 'Registration Date', 'Received Type', 'Status', and 'Action'. The data rows are as follows:

Make	Order Number	Registration Number	Registration Date	Received Type	Status	Action
...	2015-10-15	Water Registration	Documents Checked	[View]
...	2015-10-17	Water Registration	Under Exam	[View]
...	2015-10-15	Water Registration	Under Exam	[View]
...	2015-10-18	Water Transfer	Under Exam	[View]
...	2015-10-18	Water Transfer	Under Exam	[View]
...	2015-10-18	Water Transfer	Under Exam	[View]

Figure 22- Received Applications in Inspector Login

4.11 Request Commencement Form

If *Commencement form* is required user can add it in remarks and click on **[Request Commencement Form]** button, which notifies the boiler owner to add Commencement Form

The screenshot displays the FABOS (Fuel and Air Boiler Online System) interface. At the top, there is a navigation bar with the FABOS logo and the text 'Fuel and Air Boiler Online System'. Below this, a menu bar includes 'Home', 'Logout', and 'Log Out'. The main content area features a 'Request Commencement Form' button. The form includes a header section with the following details:

Request Name:	Demuls	Alarm No.:	001000010
Order Type:	Completed	Type of Work:	Special
Customer Mail No.:	001000000	Workshop Email:	001000000@001000000

Below the header, there is a text input field labeled 'Enter your comment' and two buttons: 'Add Comments' and 'Clear'. The 'Comments' section contains a list of entries:

Request No. 0:	2024-08-01 12:10:00
Request No. 1:	2024-08-01 12:10:00
Request No. 2:	2024-08-01 12:10:00

At the bottom of the form, there are two buttons: 'Submit Form' and 'Cancel Form'.

Figure 23- Request Commencement Form Button

4.12 Add Commencement Letter by Applicant

Applicant can add the commencement letter by clicking [Commencement Letter] link provided against the concerned application listed under *Boiler Work space* Tab, on the following page add necessary details, check the declaration and click on [**Submit Commencement Form**] button

Job No.	Boiler Name	Registration Number	Track Applications	Status	Status	View Status
1	Boiler 0		New Boiler Registration	Active	Successful	Approved
2	Boiler 0			Active	Successful	Approved
3	Boiler 0			Active	Successful	Pending
4	Service Boiling			Active	Successful	Approved
5	Service System Subgroup Internal Loop	813344101		Active	Successful	Pending
6	Trains 0000			Active	Successful	Pending
7	Test			Active	Successful	Pending
8	Van Test			Active	Successful	Pending
9	Water 0	01000	[Pending]	Active	Successful	Pending
10	Water Boiler 0000			Active	Successful	Pending
11	Water Boiler 0000 [Pending]	01000		Active	Change	---
12	Water Boiler 0000 [Pending]	01000	[Pending Change]	Active	Change	---
13	Water Boiler 0000 [Pending]	01000	[New Boiler Registration]	Active	Change	Pending
14	Water Boiler 0000 [Pending]	01000		Active	Change	---
15	Water Boiler 0000 [Pending]	01000		Active	Successful	---
16	Water Boiler 0000 [Pending]	01000		Active	Change	---
17	Water Boiler 0000 [Pending]	01000	[Boiler Renewal]	Active	Successful	Pending
18	Water Boiler 0000 [Pending]	01000	[New Boiler Registration]	Active	Successful	Pending
19	Water Test Production	01000	[Pending]	Active	Successful	Pending
20	Water 0000	01000	[Pending]	Active	Successful	Pending
21	Water 0000	01000	[Pending]	Active	Successful	Approved
22	Water 0000	01000	[Pending]	Active	Successful	Pending
23	Water 0000	01000		Active	Successful	Pending
24	Water 0000	01000		Active	Successful	---
25	Water 0000 [Pending]	01000		Active	Successful	Pending
26	Water 0000	01000	[New Boiler Registration]	Active	Successful	Pending
27	Water 0000	01000		Active	Successful	Pending

Figure 24- Commencement Form Link

DEFINITION REQUIREMENTS/COMPLETION OF WORK UNDER ONE

1. Name of the facility (boiler) :

Address of the facility (boiler) :

2. Name of the approved Boiler Register (Boiler) :

Class of the approved Boiler Register (Boiler) :

3. Name of the work construction license (select the relevant one) :

4. Order No. of the Director / Joint Director (Facilities and Boilers) :

Date of the Director / Joint Director of Facilities and Boilers :

5. Proposed date of commencement of work :

6. Capacity of Combustion Boilers :

7. Additional information :

Installation of steam line - Repair of steam line

Certification of approved Boiler Register Control

Continued at 001 (Question number) Yes

Submit

Figure 25-Add Details and Submit Commencement form

4.13 Verify Commencement Form

Once commencement form is added, inspector can verify the commencement letter under *Inbox* tab of *BIS* Module click on *[View]* against the concerned application

A *[Commencement Letter]* link will be provided under Commencement Form subtab of *Inbox* Tab, user can verify the letter by clicking on it.

The screenshot displays the 'Verify Commencement Form' interface within the FABOS system. The form is titled 'INFORMATION REGARDING COMMENCEMENT OF WORK UNDER ISO'. It contains several sections for data entry:

- 1. Name of the factory / location:** A text input field.
- 2. Name of the approved Boiler Inspector / Officer:** A text input field.
- 3. Name of the work:** A text input field.
- 4. Order No. of the Director:** A text input field.
- 5. Proposed date of commencement of work:** A date selection field.
- 6. Copies of documents available:** A text input field.

There are also checkboxes for 'Certificate of Boiler / Report of Boiler' and 'Certificate of HR Qualification system'. At the bottom, there are fields for 'Phone' and 'Date'.

Figure 26- Verify Commencement Form

4.14 Request Material Identification Date

Once verified, click on **[Continue for Inspection]** button, inspector can request for Material Identification Date by clicking the **[Request Material Identification Date]** button under *Material Identification* Subtab, once clicked boiler owner will be notified to provide material identification date

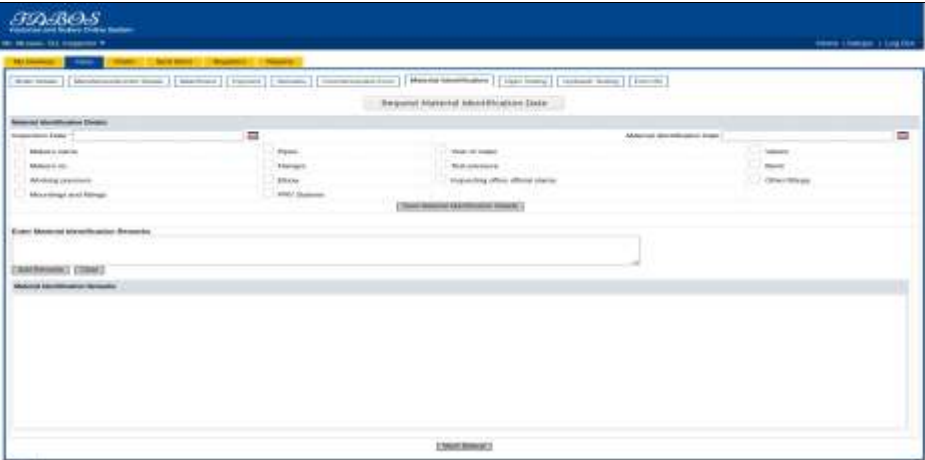


Figure 27- Request Material Identification Date Button

4.15 Submit Material Identification Date

Applicant can submit Material Identification Date by clicking the [Submit Material Identification Date] link provided against the concerned application under Boiler Workspace Tab

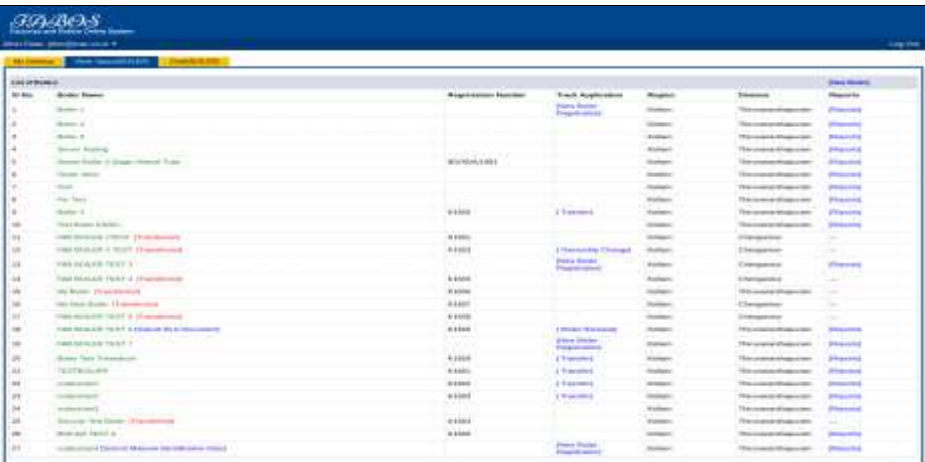


Figure 28- Submit Material Identification Link

Once [*Submit Material Identification Date*] link is clicked on the following pop-up that appears, add the date and click on [**Submit Material Identification Date**] button



Figure 29- Add Material Identification Date

4.16 Add Material Identification Details by Inspector

Once material identification date is submitted by the applicant, inspector can add the remaining Material identification details under *Material Identification* Subtab of *Inbox* Tab in the BIS Module

Add the necessary details and click on [**Save Material Identification Details**] button. Inspector can also add Remarks and click on [**Material Identification Cleared**] button

Figure 30- Add Material identification details

4.17 Request Open Testing Date

When material identification is cleared, click on **[Continue to Open Testing]** button. Inspector can request for Open Testing Date by clicking the **[Request Open Testing Date]** button under *Open Testing* Subtab, once clicked boiler owner will be notified to provide open testing date

Figure 31- Continue to open testing button

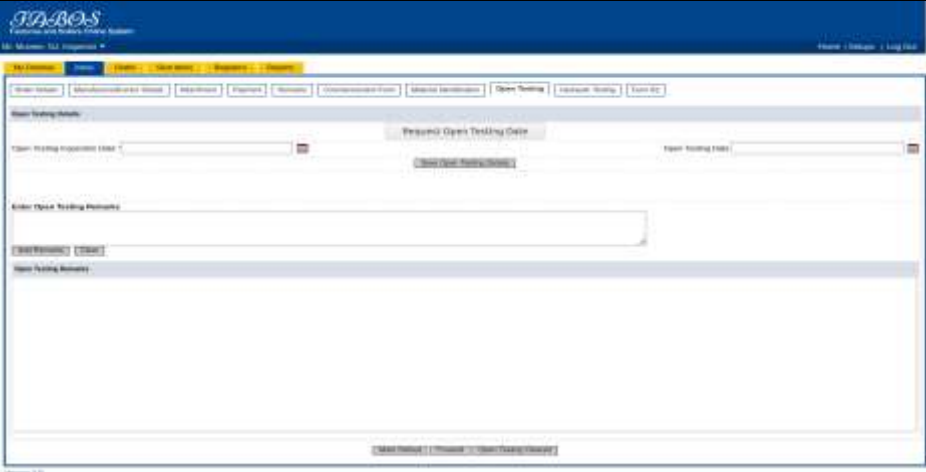


Figure 32- Request open testing date button

4.18 Submit Open Testing Date

Applicant can submit Open Testing Date by clicking the [Submit Open Testing Date] link provided against the concerned application under *Boiler Workspace* Tab

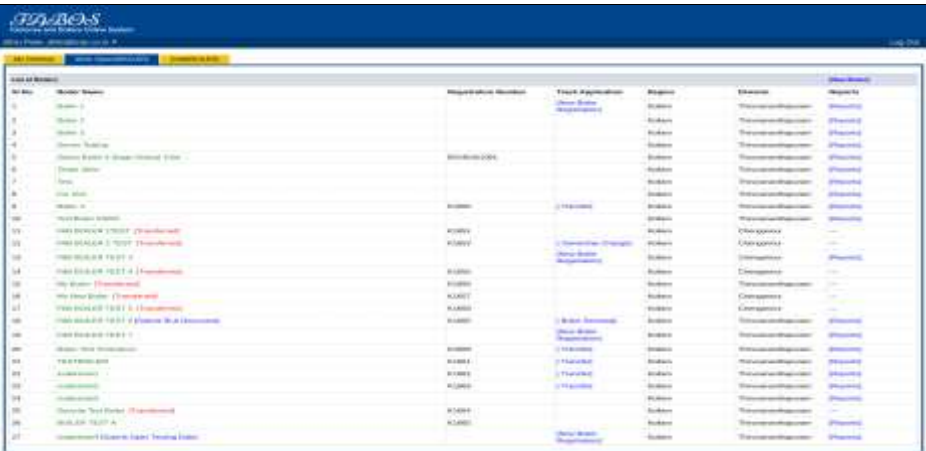


Figure 33- Submit Open Testing Link

Once [[Submit Open Testing Date](#)] link is clicked on the following pop-up that appears, add the date and click on **[Submit Open Testing Date]** button

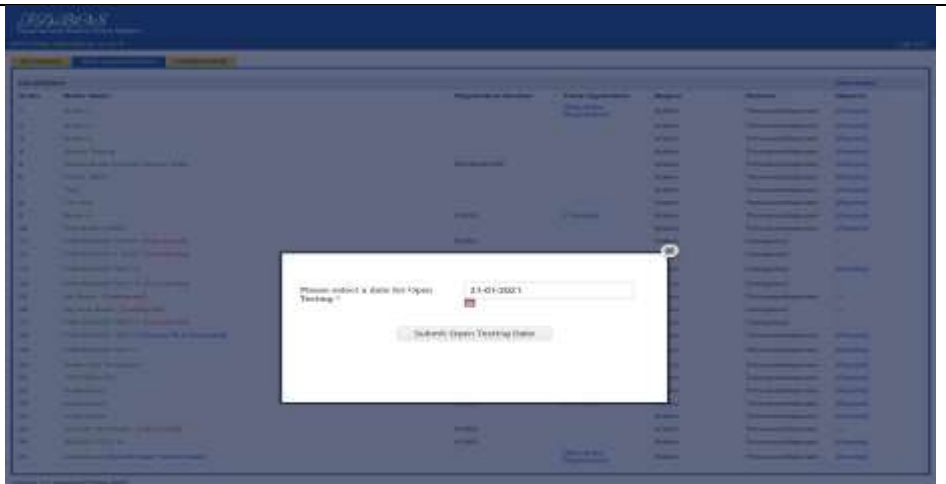


Figure 34- Submit Open Testing Date

By clicking the [[New Boiler Registration](#)] link provided against the concerned application, user can track the status of application

4.19 Add Open Testing Details by Inspector

Once Open Testing date is submitted by the applicant, inspector can add the remaining Open Testing details under *Open Testing* Subtab of *Inbox* Tab in the BIS Module

Add the necessary details and click on **[Save Open Testing Details]** button. Inspector can also add Remarks and if Open testing Details is not cleared inspector can forward the application to Joint director to add Sanction details click on **[Forward]** button, where user can select the person to which the application is to be forwarded (Joint Director) and click on **[Send]** button

Figure 35- Add/Save and Forward Open Testing details

4.20 Add Sanction Order Details by Joint Director

Once forwarded by the inspector, joint director can add the Sanction details under *Open Testing* Subtab of *Inbox* Tab in the BIS Module

Add sanction order details and click on **[Save Sanction Order Details]** button.

Joint Director can add Open Testing Remarks then click on **[Add Remarks]** button to save the remarks added.

Once all details are added, joint director can forward the application to Inspector by clicking the **[Forward]** button

Note: As per the remarks added by joint director, inspector repeats the process starting from requesting the Material Identification Date to boiler owner (same process is repeated as explained from section 4.13 to 4.17)

4.21 Clearing Open Testing Details

Once Open Testing date is submitted by the applicant, inspector can add the remaining Open Testing details under *Open Testing* Subtab of *Inbox* Tab in the

B/S Module

Add the necessary details and click on **[Save Open Testing Details]** button.

Inspector can also add Remarks and click on **[Open Testing Cleared]** button

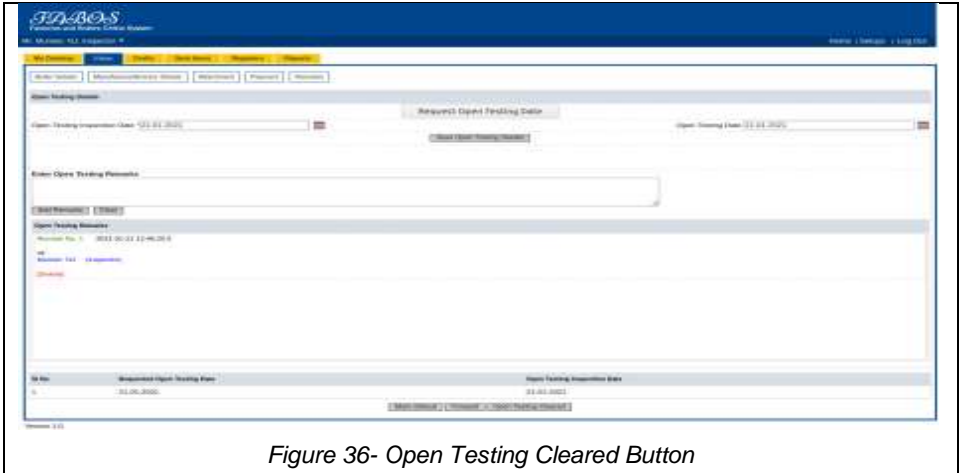


Figure 36- Open Testing Cleared Button

4.22 Request Completion Form

Once **[Open Testing Cleared]** button is clicked, a **[Request Completion Form]** button appears click on it to notify the boiler owner to send the completion form



Figure 37- Notify Owner to send Completion Letter

4.23 Submit Completion Letter

Applicant can submit Completion Letter by clicking the [\[Completion Letter\]](#) link provided against the concerned application under *Boiler Workspace* Tab. On the following page that appears add necessary details and click on **[Submit Completion Form]** button



Figure 38- Completion letter link

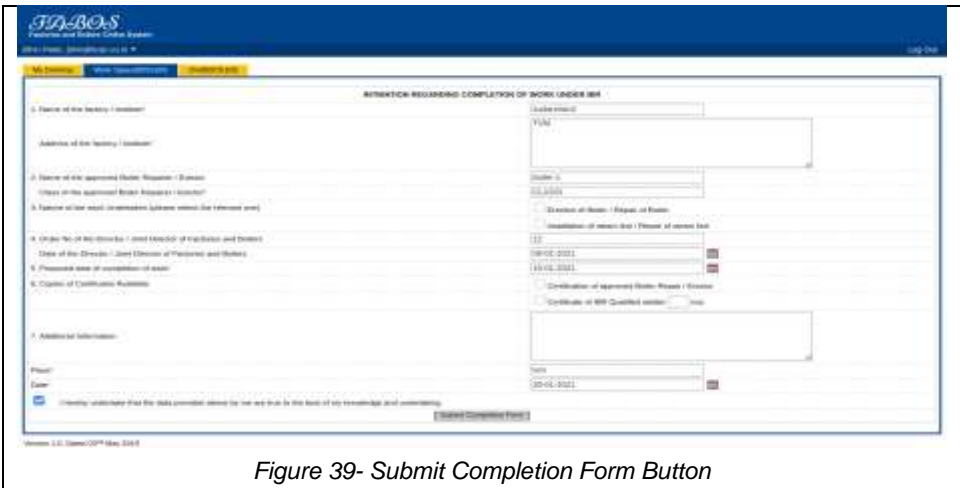


Figure 39- Submit Completion Form Button

4.24 Verify Completion Form by Inspector

Once completion form is added, inspector can verify the completion letter under *Inbox* tab of *BIS* Module click on *[View]* against the concerned application

A *[Completion Form]* link will be provided under Completion Form subtab of *Inbox* Tab, user can verify the letter by clicking on it.

The screenshot displays the 'Hydraulic Testing Completion Form' within the FABOS system. The form is titled 'HYDRAULIC TESTING COMPLETION FORM OF WHICH UNDER ARE' and contains the following sections:

- 1. Name of the boiler / boiler:** Includes a text input field for 'Boiler Name' and a dropdown for 'FORM'.
- Address of the boiler / boiler:** A large text area for the boiler's address.
- 2. Name of the assigned Boiler Inspector / Inspector:** A dropdown menu for 'Inspector' and a text field for 'Cell No.'.
- 3. District of the work completion given under the relevant area:** A dropdown menu for 'District of State / Project of State'.
- 4. Date/No. of the Inspector / Date / Number of Elements and Boiler:** Includes a date field for 'Date of the Inspector' and a date field for 'Date of the Boiler'.
- 5. Proposed date of completion of work:** A date field for 'Proposed date of completion of work'.
- 6. Copies of Certificate Number:** Includes a dropdown for 'Certificate of assigned Boiler Inspector' and a text field for 'Certificate of the Inspector under'.
- 7. Additional information:** A large text area for additional notes.
- Phone:** A text field for the inspector's phone number.
- Date:** A date field for the completion date.

At the bottom of the form, there is a checkbox for 'I hereby declare that the data provided above by me are true to the best of my knowledge and understanding' and a 'View Form' button.

Figure 40- Completion Form Link

4.25 Request Hydraulic Testing Date

Once completion form is verified, Click on **[Continue]** button and click on **[Request Hydraulic Testing Date]** button under *Hydraulic Testing* Subtab which notifies the boiler owner to add Hydraulic Testing Date

The screenshot displays the FABOS (Fuel and Boiler Control System) web application interface. At the top, there is a navigation bar with the FABOS logo and the text 'Fuel and Boiler Control System'. Below this, a secondary navigation bar contains several tabs: 'Home', 'Dashboard', and 'Log Out'. The main content area is divided into several sections. The top section is titled 'Hydraulic Testing Details' and contains a 'Request Hydraulic Testing Date' button. Below this, there are input fields for 'Hydraulic Testing Installation Date' and 'Hydraulic Testing Date', with a 'Submit Hydraulic Testing Date' button. The middle section is titled 'Hydraulic Testing Requests' and contains a table with columns for 'Requesting Company', 'Requesting Address', 'Boiler Operation Temperature', 'Safety System Test Code (A)', 'Site Number', 'Boiler Unit Number', 'Boiler Unit', and 'Boiler Model'. The bottom section is titled 'Boiler Request Details' and contains input fields for 'Name', 'Company Number', 'Company Address', 'Date', and 'Date of Issue', with a 'Submit Hydraulic Testing Details' button and a 'Back to Dashboard' link.

Figure 41- Request Hydraulic Testing Date Button

4.26 Submit Hydraulic Testing Date

Applicant can submit Hydraulic Testing Date by clicking the [Submit Hydraulic Testing Date] link provided against the concerned application under *Boiler Workspace* Tab

ID No.	Boiler Name	Equipment Number	Each Application	Region	Address	Report
1	Boiler 1		New Boiler Registration	Boiler	Thousand Oaks	Report
2	Boiler 2			Boiler	Thousand Oaks	Report
3	Boiler 3			Boiler	Thousand Oaks	Report
4	Boiler 4			Boiler	Thousand Oaks	Report
5	Boiler 5			Boiler	Thousand Oaks	Report
6	Boiler 6			Boiler	Thousand Oaks	Report
7	Boiler 7			Boiler	Thousand Oaks	Report
8	Boiler 8			Boiler	Thousand Oaks	Report
9	Boiler 9			Boiler	Thousand Oaks	Report
10	Boiler 10			Boiler	Thousand Oaks	Report
11	Boiler 11			Boiler	Thousand Oaks	Report
12	Boiler 12			Boiler	Thousand Oaks	Report
13	Boiler 13			Boiler	Thousand Oaks	Report
14	Boiler 14			Boiler	Thousand Oaks	Report
15	Boiler 15			Boiler	Thousand Oaks	Report
16	Boiler 16			Boiler	Thousand Oaks	Report
17	Boiler 17			Boiler	Thousand Oaks	Report
18	Boiler 18			Boiler	Thousand Oaks	Report
19	Boiler 19			Boiler	Thousand Oaks	Report
20	Boiler 20			Boiler	Thousand Oaks	Report
21	Boiler 21			Boiler	Thousand Oaks	Report
22	Boiler 22			Boiler	Thousand Oaks	Report
23	Boiler 23			Boiler	Thousand Oaks	Report
24	Boiler 24			Boiler	Thousand Oaks	Report
25	Boiler 25			Boiler	Thousand Oaks	Report
26	Boiler 26			Boiler	Thousand Oaks	Report
27	Boiler 27			Boiler	Thousand Oaks	Report
28	Boiler 28			Boiler	Thousand Oaks	Report
29	Boiler 29			Boiler	Thousand Oaks	Report
30	Boiler 30			Boiler	Thousand Oaks	Report
31	Boiler 31			Boiler	Thousand Oaks	Report
32	Boiler 32			Boiler	Thousand Oaks	Report
33	Boiler 33			Boiler	Thousand Oaks	Report
34	Boiler 34			Boiler	Thousand Oaks	Report
35	Boiler 35			Boiler	Thousand Oaks	Report
36	Boiler 36			Boiler	Thousand Oaks	Report
37	Boiler 37			Boiler	Thousand Oaks	Report
38	Boiler 38			Boiler	Thousand Oaks	Report
39	Boiler 39			Boiler	Thousand Oaks	Report
40	Boiler 40			Boiler	Thousand Oaks	Report
41	Boiler 41			Boiler	Thousand Oaks	Report
42	Boiler 42			Boiler	Thousand Oaks	Report
43	Boiler 43			Boiler	Thousand Oaks	Report
44	Boiler 44			Boiler	Thousand Oaks	Report
45	Boiler 45			Boiler	Thousand Oaks	Report
46	Boiler 46			Boiler	Thousand Oaks	Report
47	Boiler 47			Boiler	Thousand Oaks	Report
48	Boiler 48			Boiler	Thousand Oaks	Report
49	Boiler 49			Boiler	Thousand Oaks	Report
50	Boiler 50			Boiler	Thousand Oaks	Report
51	Boiler 51			Boiler	Thousand Oaks	Report
52	Boiler 52			Boiler	Thousand Oaks	Report
53	Boiler 53			Boiler	Thousand Oaks	Report
54	Boiler 54			Boiler	Thousand Oaks	Report
55	Boiler 55			Boiler	Thousand Oaks	Report
56	Boiler 56			Boiler	Thousand Oaks	Report
57	Boiler 57			Boiler	Thousand Oaks	Report
58	Boiler 58			Boiler	Thousand Oaks	Report
59	Boiler 59			Boiler	Thousand Oaks	Report
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61	Boiler 61			Boiler	Thousand Oaks	Report
62	Boiler 62			Boiler	Thousand Oaks	Report
63	Boiler 63			Boiler	Thousand Oaks	Report
64	Boiler 64			Boiler	Thousand Oaks	Report
65	Boiler 65			Boiler	Thousand Oaks	Report
66	Boiler 66			Boiler	Thousand Oaks	Report
67	Boiler 67			Boiler	Thousand Oaks	Report
68	Boiler 68			Boiler	Thousand Oaks	Report
69	Boiler 69			Boiler	Thousand Oaks	Report
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77	Boiler 77			Boiler	Thousand Oaks	Report
78	Boiler 78			Boiler	Thousand Oaks	Report
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85	Boiler 85			Boiler	Thousand Oaks	Report
86	Boiler 86			Boiler	Thousand Oaks	Report
87	Boiler 87			Boiler	Thousand Oaks	Report
88	Boiler 88			Boiler	Thousand Oaks	Report
89	Boiler 89			Boiler	Thousand Oaks	Report
90	Boiler 90			Boiler	Thousand Oaks	Report
91	Boiler 91			Boiler	Thousand Oaks	Report
92	Boiler 92			Boiler	Thousand Oaks	Report
93	Boiler 93			Boiler	Thousand Oaks	Report
94	Boiler 94			Boiler	Thousand Oaks	Report
95	Boiler 95			Boiler	Thousand Oaks	Report
96	Boiler 96			Boiler	Thousand Oaks	Report
97	Boiler 97			Boiler	Thousand Oaks	Report
98	Boiler 98			Boiler	Thousand Oaks	Report
99	Boiler 99			Boiler	Thousand Oaks	Report
100	Boiler 100			Boiler	Thousand Oaks	Report

Figure 42- Submit Hydraulic Testing Date

Once [Submit Hydraulic Testing Date] link is clicked on the following pop-up that appears, add the date and click on **[Submit Hydraulic Testing Date]** button

Please enter a date for Hydraulic Testing

Submit Hydraulic Testing Date

Figure 43- Add Hydraulic Testing Date

4.27 Add Hydraulic Testing Details by Inspector

Once Hydraulic Testing date is submitted by the applicant, inspector can add the remaining Hydraulic Testing details under *Hydraulic Testing* Subtab of *Inbox* Tab in the BIS Module

Inspector can add Hydraulic Testing Remark once remarks is saved by clicking the **[Add Remarks]** button, add the *Hydraulic testing details, Boiler Attender Details* and click on **[Save Hydraulic Testing Details]** button. if Hydraulic testing is cleared click on **[Hydraulic Testing Cleared]** button

(Note: if hydraulic testing is not cleared, forward the application to JD for issuing the sanction order (which is similar to the flow explained in section 4.19) and restart the process from material identification ((which is similar to the flow explained from section 4.13 to 4.17))

The screenshot displays the 'Hydraulic Testing Details' form in the FABOS application. The form is organized into several sections:

- Hydraulic Testing Details:** Includes a 'Hydraulic Testing Date' field with a value of '25.12.2012' and a 'Hydraulic Testing Remark' field.
- Boiler Attender Details:** A table with columns for 'Name', 'Address', 'Phone No.', 'Email', and 'Remarks'. The table contains one row of data.
- Hydraulic Testing Remarks:** A text area for entering remarks.
- Buttons:** 'Save Hydraulic Testing Details' and 'Hydraulic Testing Cleared' buttons are visible at the bottom of the form.

Figure 44- Hydraulic Testing Details

4.28 Add Form B2

Once Hydraulic Testing is cleared, inspector can add *Form B2* under *FormB2* Subtab of *Inbox* Tab in the BIS Module, add the details and click on **[Save Form B2 Details]** button

Once saved a [\[Form B2\]](#) link appears, user can view the form by clicking on it User can forward the Form B2 to Director by clicking the **[Forward]** button, then select the user to which the form is to be forwarded and click on **[Send]** button

The screenshot displays the 'FORM B2' data entry interface. The main heading is 'DECLARATION OF INSPECTOR'. Below this, there is a text input field for the inspector's name. A table follows, recording test results. The table has five columns: 'Date of test hydraulic test', 'Pressure applied to test hydraulic test', 'Date of inspection', 'Used oil during pressure of boiler to fill up test', and 'Date of test hydraulic test of inspection'. The first row of data shows a test date of 01-03-2011, a pressure of 3.2, an inspection date of 01-03-2011, and a status of 'Pass'. At the bottom of the form, there are buttons for 'Forward', 'Cancel', 'Print', and 'Print B2'.

Figure 45- Add and Save Form B2

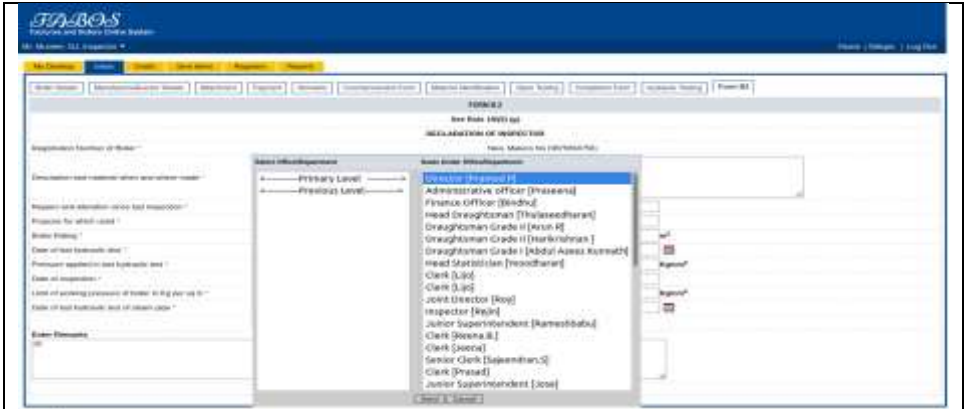


Figure 46- Forward Form B2

User can view the sanction order by clicking the **[Sanction Order]** link under the *Hydraulic Testing* Subtab

4.29 Approve Application by Director

Once forwarded by the Inspector, Director can view the application by clicking **[View]** against the concerned application

Director can approve application by clicking the **[Approve]** button under *Form B2* Subtab of *Inbox* tab in *BIS* Module



Figure 47- Approve Button

4.30 View Approved Application List

Once approved, applications will be listed in Green colour under *Boiler Workspace* tab of the applicant

ID No.	Boiler Name	Progression Status	Track Application	Status	Decision	Remarks
1	Boiler 1		View Status	Active	Not under Decision	View Status
2	Boiler 2		Application	Active	Not under Decision	View Status
3	Boiler 3			Active	Not under Decision	View Status
4	Boiler 4			Active	Not under Decision	View Status
5	Boiler 5			Active	Not under Decision	View Status
6	Boiler 6	01/04/2011		Active	Not under Decision	View Status
7	Boiler 7			Active	Not under Decision	View Status
8	Boiler 8			Active	Not under Decision	View Status
9	Boiler 9	01/01/2011	View Status	Active	Not under Decision	View Status
10	Boiler 10			Active	Not under Decision	View Status
11	Boiler 11	01/01/2011		Active	Completed	
12	Boiler 12	01/01/2011	View Status	Active	Completed	
13	Boiler 13		View Status	Active	Completed	View Status
14	Boiler 14	01/01/2011		Active	Completed	
15	Boiler 15	01/01/2011		Active	Completed	
16	Boiler 16	01/01/2011		Active	Completed	
17	Boiler 17	01/01/2011		Active	Completed	
18	Boiler 18	01/01/2011	View Status	Active	Completed	View Status
19	Boiler 19	01/01/2011	View Status	Active	Completed	View Status
20	Boiler 20	01/01/2011	View Status	Active	Completed	View Status
21	Boiler 21	01/01/2011	View Status	Active	Completed	View Status
22	Boiler 22	01/01/2011	View Status	Active	Completed	View Status
23	Boiler 23	01/01/2011	View Status	Active	Completed	View Status
24	Boiler 24	01/01/2011	View Status	Active	Completed	View Status
25	Boiler 25	01/01/2011	View Status	Active	Completed	View Status
26	Boiler 26	01/01/2011	View Status	Active	Completed	View Status
27	Boiler 27	01/01/2011	View Status	Active	Completed	View Status

Figure 48- Approved Applications List