

Fire NOC - Create

Objective

This feature is developed to apply for new NOC certificate. User has to provide various information regarding property and the owner and the location of the property, build type etc. User has to upload supportive documents. Once the application registered successfully it goes through various phases such as Verification, Field Inspection, Pay etc.

Technical Implementation Details

When user tries to create new NOC application, a popup comes upfront before navigating to the creation form. This popup tells about documents required to upload in the process so that user can collect those in advance. This popup data is configurable in MDMS. On clicking Apply(citizen application) or New Application(employee application) a MDMS call is made to get the required document information. This information is passed to the Popup.

AMRITSAR MUNICIPAL CORPORATION

Amritsar ENGLISH

Required Documents-Fire NOC

Proof of Identity (Any 1)

1 Aadhar card	2 Voter ID Card	3 Driving License
4 Pan Card	5 Passport	

* In case of multiple/institutional Applicant please provide ID of primary or authorized person

Proof of Address (Any 1)

1 Electricity Bill	2 Driving License	3 Voter ID Card
4 Aadhar Card	5 Pan Card	6 Passport

* In case of multiple/institutional Applicant please provide ID of primary or authorized person

Building Plan

1 Site Plan	2 Ground Floor Plan	3 Section Plan
4 Elevation Plan	5 Built-up Area Statement	

PB-FN-2020-05-18- NEW Rohit 18/05/2020 Pending for Document

An Apply button is located at the footer of this popup. User can proceed to filing new NOC application on clicking of this apply button. The code related to this popup is written in search.js file. below is the link of the file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/search.js>

```

136         buttonLabel: getLabel({
137             labelName: "NEW APPLICATION",
138             labelKey: "NOC_HOME_SEARCH_RESULTS_NEW_APP_BUTTON"
139         })
140     },
141     onClickDefination: {
142         action: "condition",
143         callBack: (state, dispatch) => {
144             pageResetAndChange(state, dispatch);
145             showHideAdhocPopup(state, dispatch, "search");
146         }
147     },
148     roleDefination: {
149         rolePath: "user-info.roles",
150         roles: ["NOC_CEMP", "SUPERUSER"]
151     }
152 }
153 }
154 },

```

`showHideAdhocPopup` method is responsible for making the required Document MDMS call and opening popup.

`AdhocDialog` Configuration for the required documents is as shown below. This is the component is present in the UI framework

```

},
adhocDialog: {      Shreya, 8 months ago • Nov 15 release (#62)
  uiFramework: "custom-containers",
  componentPath: "DialogContainer",
  props: {
    open: false,
    maxWidth: false,
    screenKey: "search"
  },
  children: {
    popup: {}
  }
}
}

```

Below is the MDMS call configuration is in the `beforeInitScreen` method of the search page you have to import the common util method of `getRequiredDocData` from the `common.js` file and has to call from the `beforeInitScreen` with the required document as mention in the image below.

```

const moduleDetails= []      Shreya, 2 months ago • Master release v2 (#1356)
{
  moduleName: "FireNoc",
  masterDetails: [{ name: "Documents" }]
}
];

getRequiredDocData( action, dispatch, moduleDetails );

```

For More details please refer to the required documents popup implementation documents file.

Link: [Required documents dialog implementation](#)

Apply for Fire NOC application divided into four forms. The configuration related to all these forms is written in apply.js file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/apply.js>

NOC Details

NOC details is the first step. It has a card which displays two options: New and Provisional. User has to select atleast one option out of these two. Below is the link of configuration for NOC Details card.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/applyResource/nocDetails.js>

The screenshot shows a multi-step form titled "Application for Fire NOC". A progress bar at the top indicates four steps: 1. NOC Details (highlighted with a red circle), 2. Property Details, 3. Applicant Details, and 4. Documents. Below the progress bar, the "NOC Details" card is visible. It contains a label "NOC Type *" in red, followed by two radio button options: "New" and "Provisional". The "Provisional" option is selected, indicated by a red dot inside its radio button.

Property Details

Property details is the second step where user has to fill all the required details related to property for which Fire NOC application is being created. This step has two cards i.e. Property Details and Property Location Details.

Property Details card requires the following information to be filled

- Single Buildings / Multiple Buildings
- Name of building
- Building Usage Type etc.

The configuration for this card is written in below file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/applyResource/propertyDetails.js>

Property Details

No. of Buildings *

☒ Single Building
 ☐ Multiple Buildings

Name of the Building *

Enter Name of the Building

Building Usage Type as per NBC *

Select Building Usage Type

No. Of Floors (Excluding Basement, Including Ground Floor) *

Select No. of Floors

Plot Size (in Sq meters)

Enter Plot Size (in Sq meters)

Height of the Building from Ground level (in meters)

Enter Height of the Building in meters

Building Usage Subtype as per NBC *

Select Building Usage Subtype

No. Of Basements *

Select No. Of Basements

Ground floor builtup area(in sq. meter)

Enter Ground floor builtup area(in sq. meter)

Property Location details asks the details about the city, street, mohalla, pincode etc where property is situated. The configuration for this card is written in below file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/applyResource/propertyLocationDetails.js>

Property Location Details

Property ID

Enter Property ID

Plot/Survey No.

Enter Plot/Survey No.

Street Name

Enter Street Name

Pincode

Enter Pincode

Applicable Fire Station *

Enter Applicable Fire Station

City *

Select City

Building/Colony Name

Enter Building/Colony Name

Mohalla *

Enter Mohalla

Locate on Map

Select your property location on map

Applicant Details

This is the third step in the process of applying Fire NOC certificate. Applicant details basically ask information about the owner of the property. Below is the file for configuration of this step.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/applyResource/applicantDetails.js>

Owner Details

Applicant Type *

Select Applicant Type

Type of Applicant - Subtype *

Select Applicant Subtype

Applicant Information

Mobile No. *

7815023421

Name *

Yogi

Date Of Birth *

01-Apr-2020

Father/Husband's Name *

cb

PAN No.

Enter Applicant's PAN No.

Gender

☒ Male ☐ Female ☐ Transgender

Email

Enter Email

Relationship *

☒ Father ☐ Husband

Correspondence Address *

4th Floor, Akshay Tech Park

Before navigating to the next step i.e. Document upload screen, the NOC application create request has been made and after successful creation of NOC file user is being navigated to documents upload screen.

Documents

Documents screen is the fourth step in the process. User can upload all the relevant documents asked while applying for the certificate. Identity proof and address proof documents are mandatory and rest of the documents are configurable and can be made mandatory or optional as per requirement. Below file holds the entire required configuration for this screen.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/applyResource/documentDetails.js>

Application for Fire NOC

Application No. PB-FN-2020-05-20-006271

✓

NOC Details

✓

Property Details

✓

Applicant Details

4

Documents

Required Documents

Only one file can be uploaded for one document. If multiple files need to be uploaded then please combine all files in a pdf and then upload

Applicant

1

Identity proof *

Select Documents *

Aadhar Card

UPLOAD FILE

2

Address Proof *

Select Documents *

Electricity Bill

UPLOAD FILE

After successfully uploading the documents, the next step is summary page. User can see all the information entered while applying along with total amount that user has to pay for this application process. User has options to edit the information of each section. Upon clicking of edit icon user will navigate to respective section with all the data pre-filled. Below is the file contains all the required configuration of this screen.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/summary.js>

Fire NOC - Application Summary

Fee Estimate

Total Amount

Rs 1120

Round off Amount	0
NOC Fees	1000
Taxes	120
Total Amount	1120

NOC Details

NOC Type

PROVISIONAL

Provisional fire NoC number

NA

EDIT

SUBMIT >

Submit

Once user clicks on submit button, user navigates to acknowledgement screen stating that the application submitted successfully. Below is the acknowledgement configuration file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-firenoc-dev/src/ui-config/screens/specs/fire-noc/acknowledgement.js>

Application for Fire NOC

Application No. PB-FN-2020-05-20-006271

Application Submitted Successfully
A notification regarding application submission has been sent to the applicant at registered mobile no.

Application No.
PB-FN-2020-05-20-006271

DOWNLOAD CONFIRMATION FORM

PRINT CONFIRMATION FORM

GO TO HOME

PROCEED TO PAYMENT

Sendback to Citizen *from Release V2.4)*

Sendback Feature from the workflow was enabled in firenoc applications, so Employees get an option from the Workflow for a particular state to sendback to citizen. The citizen gets a notification to resubmit the application.

Citizen edits the Application and resubmits the same Application. The application then goes into regular workflow.

API Call Role Action Mapping

S. No.	API	Action id	Roles
1	/egov-mdms-service/v1/_search	954	CITIZEN
2	/localization/messages/v1/_search	1531	CITIZEN
3	/egov-location/location/v11/boundary/_search	1429	CITIZEN
4	/firenoc-services/v1/_create	1797	NOC_CEMP,CITIZEN,
5	/filestore/v1/files/url	1528	,CITIZEN
6	/billing-service/bill/v2/_fetchbill	1862	CITIZEN

7	/firenoc-services/v1/_update	1798	NOC_CEMP,CITIZEN,NOC_DOC_VERIFIER,NOC_FIELD_INSPECTOR,NOC_APPROVER,
---	------------------------------	------	---