

Annexure B

User manual for API registration and data submission through API on Production

Key Points:

1. Member have to first register for API on Member Portal
<https://inspection.nseindia.com/MemberPortal/>
2. Password has to be encrypted with secret key. Secret key will be received in mail after successful registration.
3. The request and response will be in GZIP format.

Part A: Registration for API

1. Details of member registration are as under:
URL- <https://inspection.nseindia.com/MemberPortal/>

Please use the existing member portal login credentials for login.

Member TrainingExisting MembershipNSCCLProductsInvestorServices & Circulars



Sign In

User Id

Member Code

Password

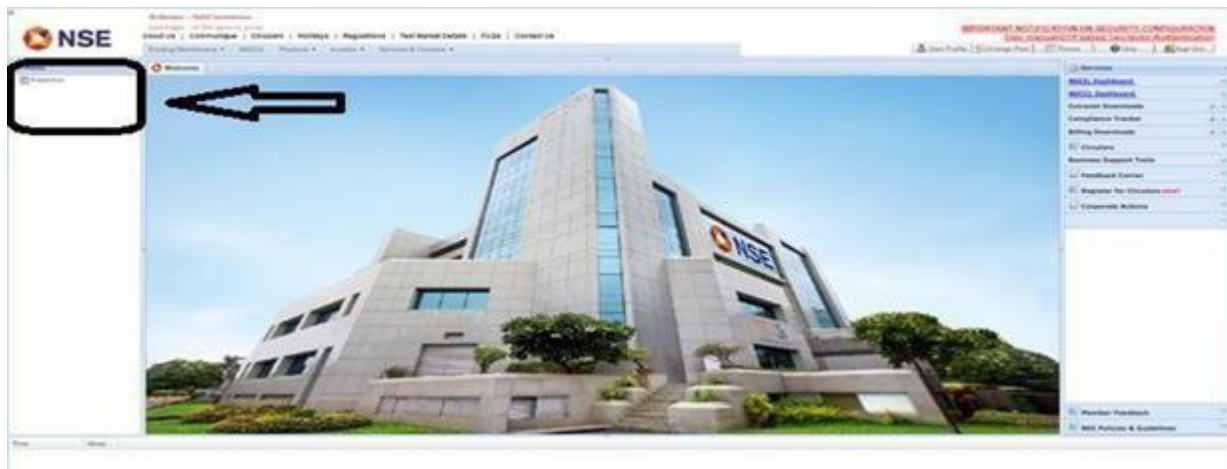
Enter Captcha - Case Sensitive



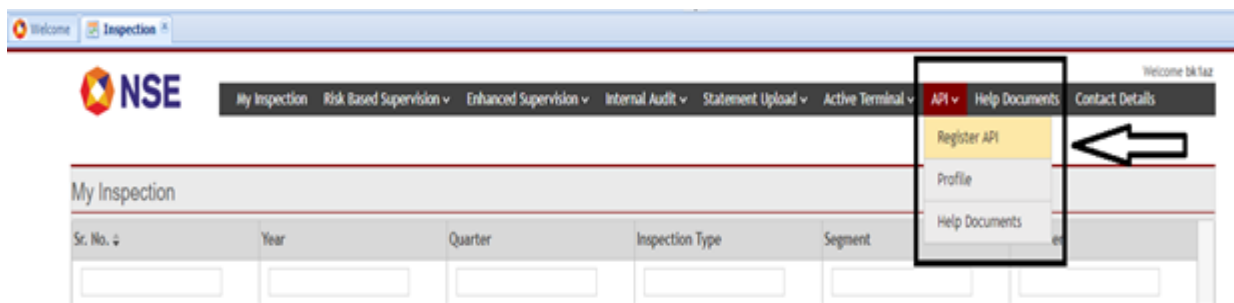
[Forgot Password?](#)

LoginCancel

2. After successfully login, on left hand corner click on “Inspection” tab and proceed for API registration.



3. Navigation: Inspection---> API---> Register API. Click “Register API”.



4. After clicking the “Register API” button, member will have to submit the following information in Registration form.

Sr. No.	Field	Validation points
1	Login Id	Login Id should be alphanumeric and 6 to 15 characters long. Special characters are not allowed.
2	Member PAN	Alpha-numeric Trading member PAN Character (10)
3	Email Id	Trading member's Email Id
4	Phone No.	Mobile number Character (10) and should start with 9, 8 or 7 only.
5	Password	Characters (12) (At least one capital character, one small character, one numeric and one special character from @, #, \$, %, ^, &, *, =)

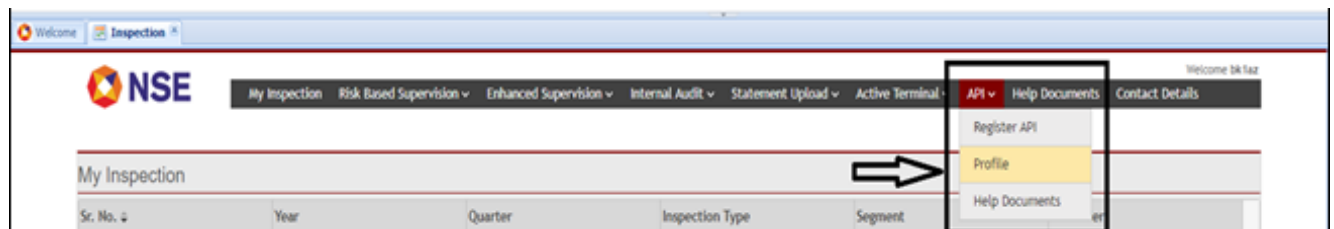
After providing inputs for the information sought and accepting the declaration, click on “Register” button.

If all details provided are valid then Registration will be successful.

The screenshot shows the NSE Register API form. At the top left is the NSE logo. At the top right is a navigation bar with links: My Inspection, Risk Based Supervision, Enhanced Supervision, Internal Audit, Statement Upload, Active Terminal, API, Help Documents, Contact Details, and Test Digital Signature. The form itself has a header 'Register API'. It contains input fields for Login Id*, Member PAN*, Member's Email Id*, Mobile No.*, Password*, and Confirm Password*. Below these is a Declaration section with a checkbox and text: 'I/We hereby confirm that the information submitted to the Exchange will be accurate, correct and complete. I/we will not tamper / modify the data before submission in any manner. In case, if the same is found to be tampered / modified, I / we understand that my / our submission will be considered as rejected.' At the bottom right are two buttons: Register and Reset.

5. Member can view the profile by clicking “Profile” button.

Further, member can reset the Password, Email id and Phone no. by clicking “Reset” button.



The screenshot shows the NSE Profile page. At the top left is the NSE logo. At the top right is a navigation bar with links: My Inspection, Risk Based Supervision, Enhanced Supervision, Internal Audit, Statement Upload, Active Terminal, API, Help Documents, and Contact Details. Below the navigation bar is a table with columns: Login Id, Member PAN, Member's Email Id, Mobile No., Member Code, and Key. The table contains the following data: Login Id - SubUser90070, Member PAN - UIYTR4567Y, Member's Email Id - nseit_pbhoi@vendor.nse.co.in, Mobile No. - 9004919890, Member Code - 90070, and Key - Vv1ddPpNsz9d/xqsvXahpw==. Below the table are two buttons: Reset Password and Edit Profile. The Reset Password button is highlighted with a red background. An arrow points from the Reset Password button to the next screenshot.

- Member can change “Member PAN”, “Member’s Email ID”, and “Mobile No.” on click of “Edit Profile” button.

The screenshot shows a user profile page titled "Profile". It displays the following information:

Login Id -	SubUser90070	Member PAN -	UIYTR4567Y	Member's Email Id -	nseit_pbhoi@vendor.nse.co.in
Mobile No. -	9004919890	Member Code -	90070	Key -	Vv1ddPpNsz9d/xqsvXahpw==

Below this information, there are two red buttons: "Reset Password" and "Edit Profile". A large black arrow points to the "Edit Profile" button. Below the buttons, there are three input fields: "Member PAN*", "Member's Email Id*", and "Mobile No.*". The "Member PAN*" field contains the value "UIYTR4567Y". Below these fields is a red "Submit" button. A large black arrow points to the "Submit" button.

After successful registration, member will receive an e-mail, on the e-mail address provided by member while registration, which contains Login Id, Password, and Secret key.

Note: Secret key will change on every password reset.

- Member have to encrypt its raw password by using secret key. This encrypted password need to be used while calling login API. Java and .Net Code Snippet of AES encryption is added at the end of the document.

Part B: Steps to consume API's.

API endpoints:

Login:

<https://api.nseindia.com/inspectionapi/login>

Holding Upload:

<https://api.nseindia.com/inspectionapi/tradingHoldingUpload/{version}>

Cash and Cash Equivalent Upload:

<https://api.nseindia.com/inspectionapi/tradingCashAndCashEquivalentUpload/{version}>

EOD Bank Balance Upload:

<https://api.nseindia.com/inspectionapi/tradingEodBalanceUpload/{version}>

Logout:

<https://api.nseindia.com/inspectionapi/logout>