

“Integration process of Air Quality Sensor with Web Portal for real time monitoring”

- ❖ PP or Site In-charge to click on ‘Upload Air Quality Data’ menu

The screenshot shows the DPCC dashboard interface. On the left, a blue sidebar menu contains the following items: Dashboard, Update Details, Register New Site, Registered Sites, Upload Air Quality Data (highlighted with an orange arrow), and List of Air Quality Data. The main dashboard area displays nine colored cards with the following data:

Metric	Value
Total Registered Sites	3
No. of Self Assessment Uploaded	2
Pending SCN For EC Compliance	1
Pending SCN For closure Compliance	1
Pending Directions for Closure Compliance	1
Pending Direction for EC/Order for EC Received	2
Pending Letter Compliance	0
Total SCN for EC Received	2
Total SCN for Clousure Received	1

- ❖ Find **Site Id** and **Token** against appropriate site to share with sensor vendor.

- ❖ Then click on the ‘**Document for Upload Air Quality Data**’ button to download sensor integration **API Document**.

The screenshot shows the 'Upload Air Quality Data' page. At the top right, there is a 'Back' button. Below it, a blue button labeled 'Document for Upload Air Quality Data' is highlighted with an orange arrow. Below the button is a table with the following data:

Sr. No.	Site Name	Site Id	Token
1	Prashant Construction and Import and Export, Uttar pradesh, Prashant Construction, Lucknow	47	7D1B3469-4F3E-46EF-A97C-DA7C98CE65F3
2	Test Construction Site	49	C51FFD07-2349-4068-B9C7-C31D37616494
3	sunil constuction	59	E12E6E3D-B244-4F78-8DAD-1F6A3BD7D168

- ❖ API Document will show the steps to Push Air Quality Data from sensor to DPCC portal.

- ❖ PP or Site In-charge should share these details and API document with sensor vendor at the time of device purchase.
- ❖ Data should be pushed in average of every 15 minutes.
- ❖ Real time data pushed by sensor device will look like:

Sr. No.	Date	Time	PM2.5	PM10
1	25/10/2021	21:33:04	81	250
2	25/10/2021	21:18:04	88	255
3	25/10/2021	21:03:04	76	235
4	25/10/2021	20:48:03	72	239
5	25/10/2021	20:33:04	71	230
6	25/10/2021	20:18:04	81	240
7	25/10/2021	20:03:04	60	225
8	25/10/2021	19:48:05	67	228
9	25/10/2021	19:33:02	61	210
10	25/10/2021	19:27:54	62	213
11	25/10/2021	19:26:28	52	190
12	25/10/2021	19:26:27	52	190
13	25/10/2021	19:16:04	52	194
14	25/10/2021	19:08:21	52	194
15	25/10/2021	19:06:00	4	6