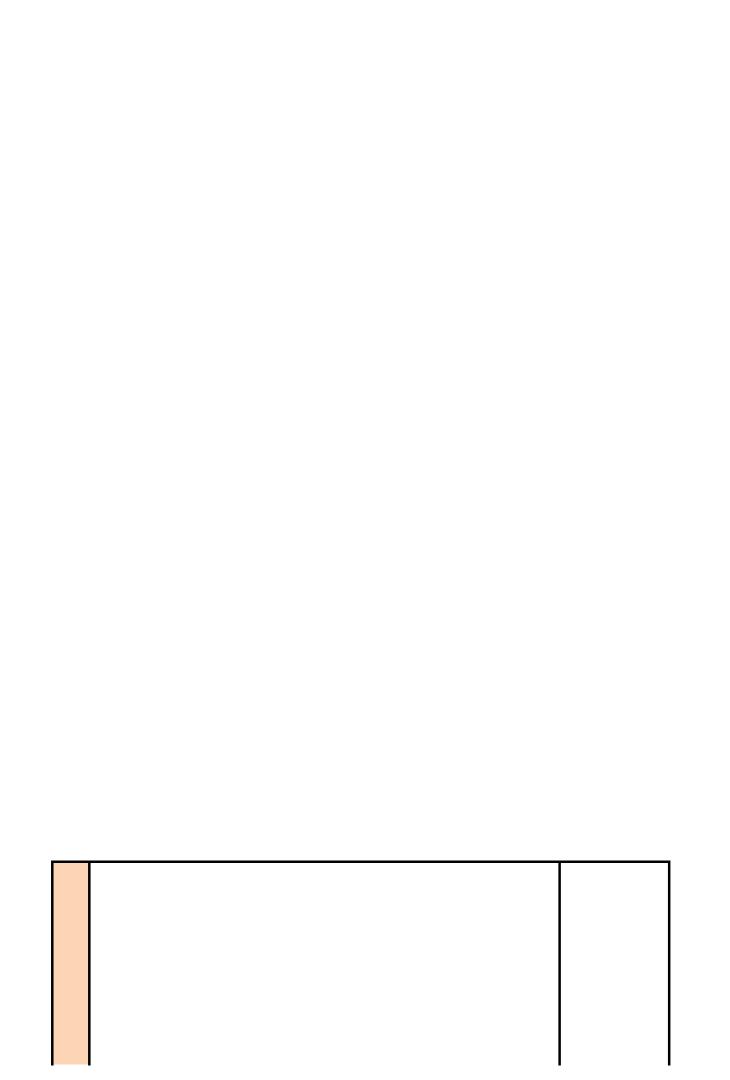
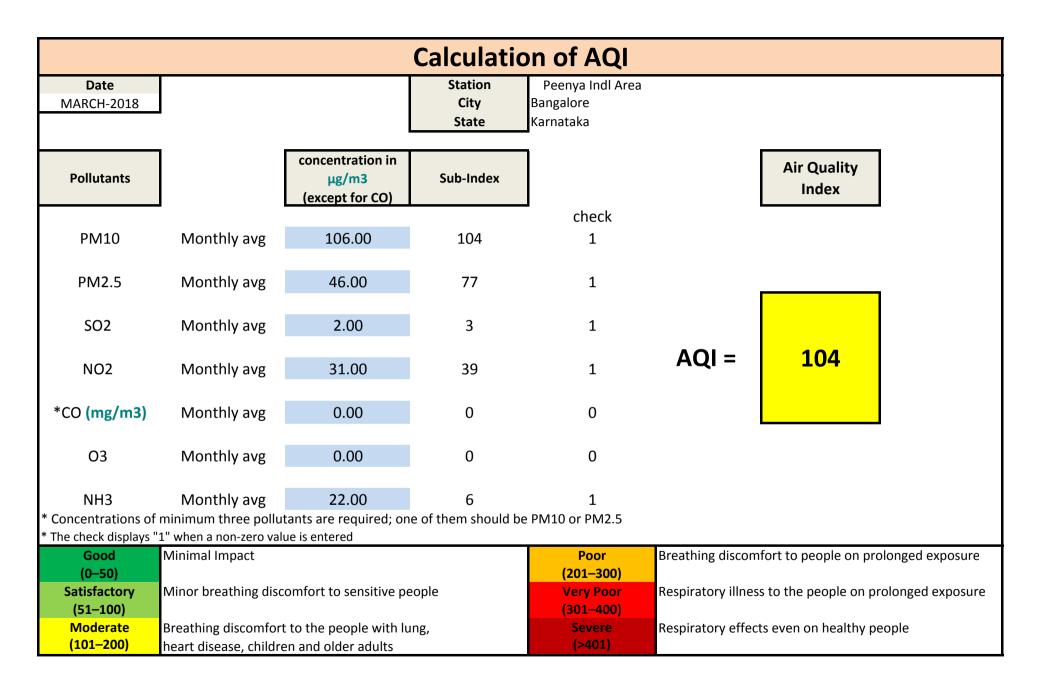
			Calcul	ation of A	\QI		
Date			Station	Export promotion	al park ITPL		
March-2018			City	Bangalore			
		Į	State	Karnataka			
Pollutants		concentration in μg/m3	Sub-Index]		Air Quality Index	
				check			•
PM10	Monthly avg	117.00	111	1			
PM2.5	Monthly avg	68.00	127	1			1
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	32.00	40	1	AQI =	127	
*CO (mg/m3)	Monthly avg	0.00	0	0			
03	Monthly avg	0.00	0	0			
NH3	Monthly avg	24.00	6	1			
* Concentrations of	•		quired; one of tl	hem should be PM:	10 or PM2.5		
* The check displays		o value is entered		_			
Good (0–50)	Minimal Impact			Poor (201–300)			on prolonged exposure
Satisfactory (51–100)	Minor breathing (discomfort to ser	sitive people	Very Poor (301–400)	Respiratory il	lness to the people	on prolonged exposure
Moderate (101–200)	Breathing discom heart disease, chi			Severe (>401)	Respiratory e	ffects even on healt	thy people

Calculation of AQI Station Rail Wheel factory, Yelahanka Date Bangalore City March-2018 Karnataka State concentration in **Air Quality Index** μg/m3 **Pollutants** Sub-Index (except for CO) check Monthly avg 142.00 PM10 128 1 0.00 PM2.5 Monthly avg 0 0 SO₂ Monthly avg 2.00 3 1 AQI = 128 NO2 Monthly avg 31.00 39 1 *CO (mg/m3) Monthly avg 0.00 0 0 03 Monthly avg 0.00 0 0 23.00 NH3 Monthly avg 6 1 * Concentrations of minimum three pollutants are required; one of them should be PM10 or PM2.5 The check displays "1" when a non-zero value is entered Minimal Impact Breathing discomfort to people on prolonged exposure Good Poor (0-50)(201 - 300)**Satisfactory** Minor breathing discomfort to sensitive people **Very Poor** Respiratory illness to the people on prolonged exposure (51-100) (301-400)Moderate Breathing discomfort to the people with lung, Severe Respiratory effects even on healthy people (101-200)(>401) heart disease, children and older adults

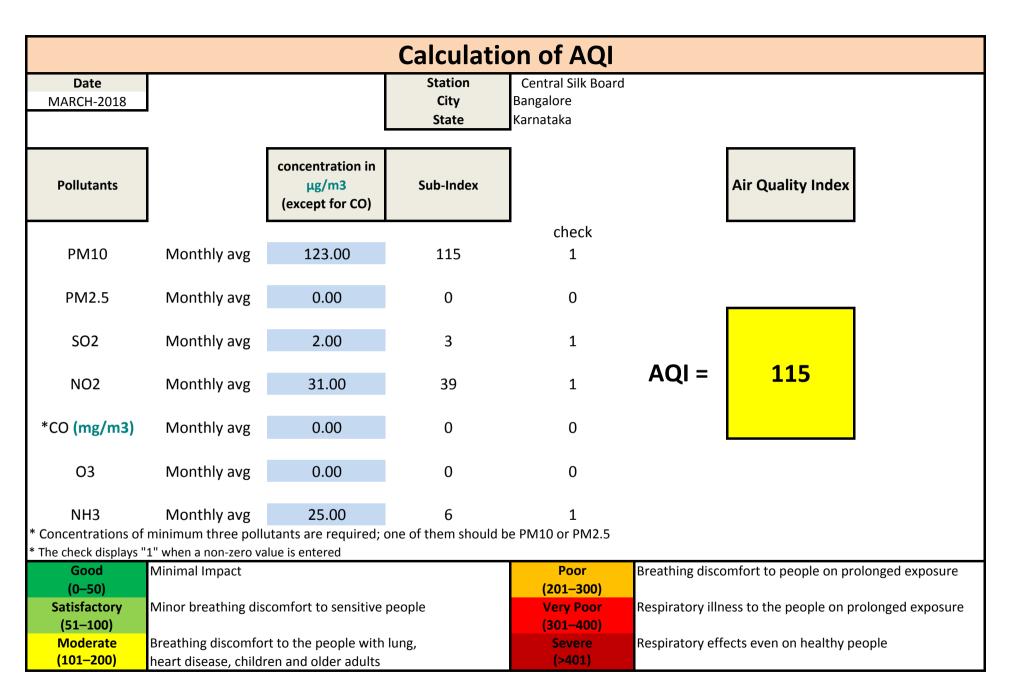




Note: Samples were not recieved and hence AQI not done.

			Calcula	tion of AC	રા		
Date MARCH-2018			Station City State	Yeshwanthpura Bangalore Karnataka			
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
				check			
PM10	Monthly avg	107.00	105	1			
PM2.5	Monthly avg	48.00	80	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	31.00	39	1	AQI =	105	
*CO (mg/m3)	Monthly avg	0.00	0	0			
О3	Monthly avg	0.00	0	0			
NH3	Monthly avg	22.00	6	1			
		pollutants are require	d; one of them sh	ould be PM10 or PM	/12.5		
	ys "1" when a non-zer Minimal Impact	o value is entered		Poor	Proathing discomfort	to people on prolonged exposure	
(0–50)	iviiiiiiai iiiipaci			(201–300)	DI CALIIIII UISCOIIIIOI (. to people on profotiged exposure	
Satisfactory (51–100)	_	comfort to sensitive p	•	Very Poor (301–400)		the people on prolonged exposure	
	-	rt to the people with ren and older adults	lung,	Severe (>401)	Respiratory effects e	ven on healthy people	

			Calculat	ion of AQI			
Date MARCH-2018			Station City State	Amco Batteries Mysore Road Bangalore Karnataka			
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
	•			check			
PM10	Monthly avg	105.00	103	1			
PM2.5	Monthly avg	47.00	78	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	31.00	39	1	AQI =	103	
*CO (mg/m3)	Monthly avg	0.00	0	0			
03	Monthly avg	0.00	0	0			
NH3	Monthly avg	25.00 lutants are required; o	6	1 0 DM10 or DM2 5			
* The check displays "1			one or them should b	E PIVITU OI PIVIZ.5			
Good (0–50)	Minimal Impact			Poor (201–300)	_	mfort to people on pro	
Satisfactory (51–100)	Minor breathing discomfort to sensitive people			Very Poor (301–400)	Respiratory illno	ess to the people on pro	olonged exposure
Moderate (101–200)		ort to the people with dren and older adults	ı lung,	Severe (>401)	Respiratory effe	ects even on healthy pe	ople

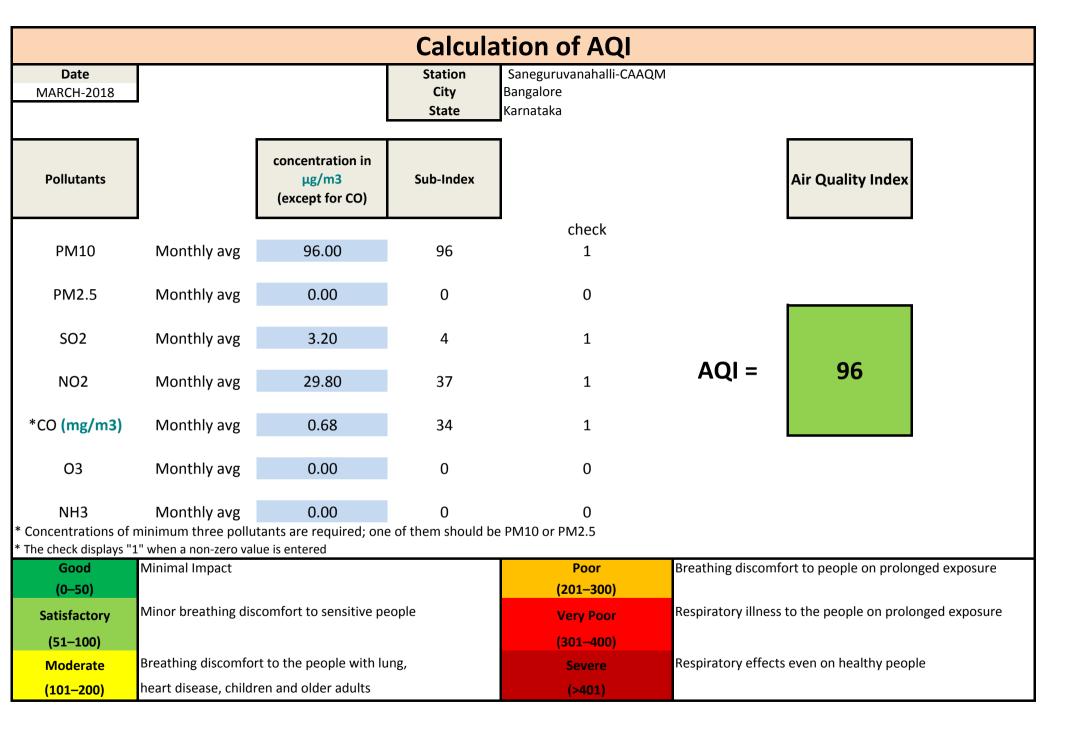


Note: - Samples were not received for analysis, and AQI not done

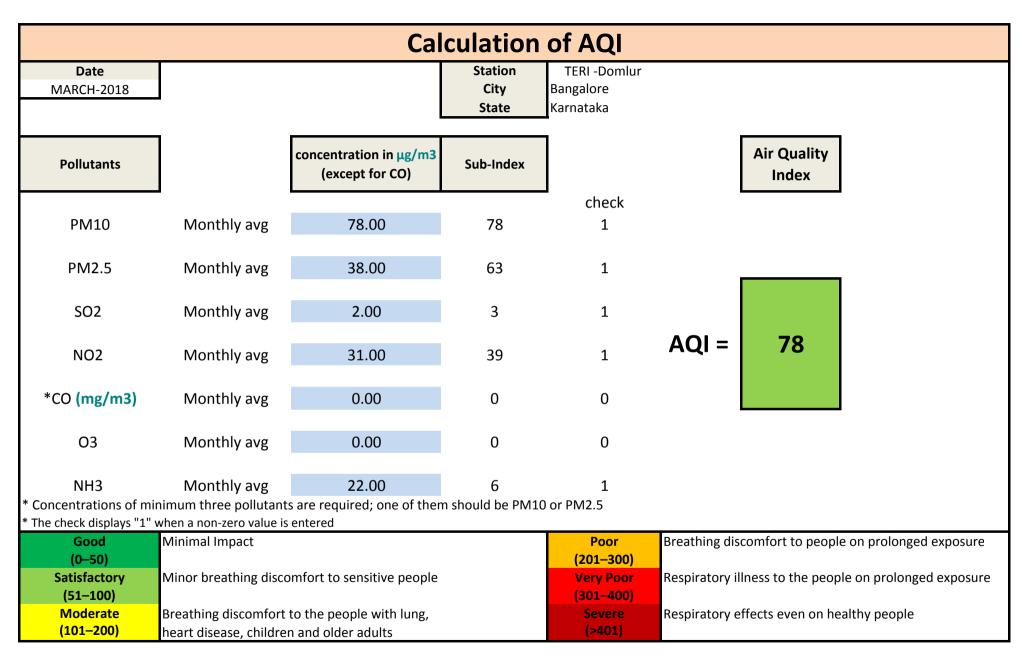
			Calculati	on of AQI	
Date MARCH-2018			Station City State	Victoria Hospital Bangalore Karnataka	
Pollutants]	concentration in μg/m3 (except for CO)	Sub-Index		Air Quality Index
				check	
PM10	Monthly avg	47.00	47	1	
PM2.5	Monthly avg	0.00	0	0	
SO2	Monthly avg	2.00	3	1	
NO2	Monthly avg	30.00	38	1	AQI = 47
*CO (mg/m3)	Monthly avg	0.00	0	0	
О3	Monthly avg	0.00	0	0	
NH3	Monthly avg	22.00	6	1	
* Concentrations of m * The check displays "1"	•	tants are required; one	of them should be F	PM10 or PM2.5	
Good	Minimal Impact	ue is cilicieu		Poor	Breathing discomfort to people on prolonged exposure
(0–50)				(201–300)	
Satisfactory (51–100)	Minor breathing di	iscomfort to sensitive pe	eople	Very Poor (301–400)	Respiratory illness to the people on prolonged exposure
Moderate (101–200)		ort to the people with ludren and older adults	ıng,	Severe (>401)	Respiratory effects even on healthy people

			Calcu	lation of AQI			
Date MARCH-2018			Station City State	Indira Gandhi CHC-NIMHANS Bangalore Karnataka			
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
	_			check			•
PM10	Monthly avg	63.00	63	1			
PM2.5	Monthly avg	0.00	0	0			1
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	31.00	39	1	AQI =	63	
*CO (mg/m3)	Monthly avg	0.00	0	0			
03	Monthly avg	0.00	0	0			
NH3	Monthly avg	22.00	6	1			
	-	ints are required; one of	them should be PM:	10 or PM2.5			
* The check displays ": Good	1" when a non-zero value Minimal Impact	e is entered		Poor	Breathing discor	mfort to people on p	prolonged exposure
(0–50)	The state of the s			(201–300)			
Satisfactory (51–100)	Minor breathing disco	omfort to sensitive peop	le	Very Poor (301–400)	Respiratory illne	ess to the people on	prolonged exposure
Moderate (101–200)	Breathing discomfort heart disease, childre	to the people with lung, n and older adults		Severe (>401)	Respiratory effe	cts even on healthy	people

			Calculat	ion of AQI			
Date MARCH-2018			Station City State	City Railway Station Bangalore Karnataka			
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
				check			-
PM10	Monthly avg	152.00	135	1			
PM2.5	Monthly avg	0.00	0	0			1
SO2	Monthly avg	7.60	10	1			
NO2	Monthly avg	72.20	90	1	AQI =	135	
*CO (mg/m3)	Monthly avg	1.63	82	1			
03	Monthly avg	0.00	0	0			
NH3	Monthly avg	0.00	0	0			
* Concentrations of			one of them should	be PM10 or PM2.5			
* The check displays ": Good	1" when a non-zero va Minimal Impact	iue is entered		Poor	Breathing discomfort	to people on prolo	nged exposure
(0–50)	·			(201–300)	_		
(51–100)	Minor breathing discomfort to sensitive people			Very Poor (301–400)	Respiratory illness to		
Moderate (101–200)	Breathing discomfo	• •	•	Severe (>401)	Respiratory effects e	ven on healthy peo	ple
(101-200)	heart disease, child	ren and older adults		(2401)			



			Calculat	ion of AQI		
Date MARCH-2018			•	Kajisonnenahalli Bangalore Karnataka		
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index
PM10	Monthly avg	84.00	84	check 1		
PM2.5	Monthly avg	0.00	0	0		
SO2	Monthly avg	2.00	3	1		
NO2	Monthly avg	31.00	39	1	AQI =	84
*CO (mg/m3)	Monthly avg	0.00	0	0		
О3	Monthly avg	0.00	0	0		
		22.00 rants are required; one	6 of them should be F	1 PM10 or PM2.5		
* The check displays "1"		ue is entered		_	D 11: 1: f	
Good (0–50)	Minimal Impact			Poor (201–300)	Breatning discomfor	t to people on prolonged exposure
Satisfactory (51–100)		scomfort to sensitive p		Very Poor (301–400)		o the people on prolonged exposure
Moderate (101–200)	_	rt to the people with I ren and older adults	ung,	Severe (>401)	Respiratory effects 6	even on healthy people



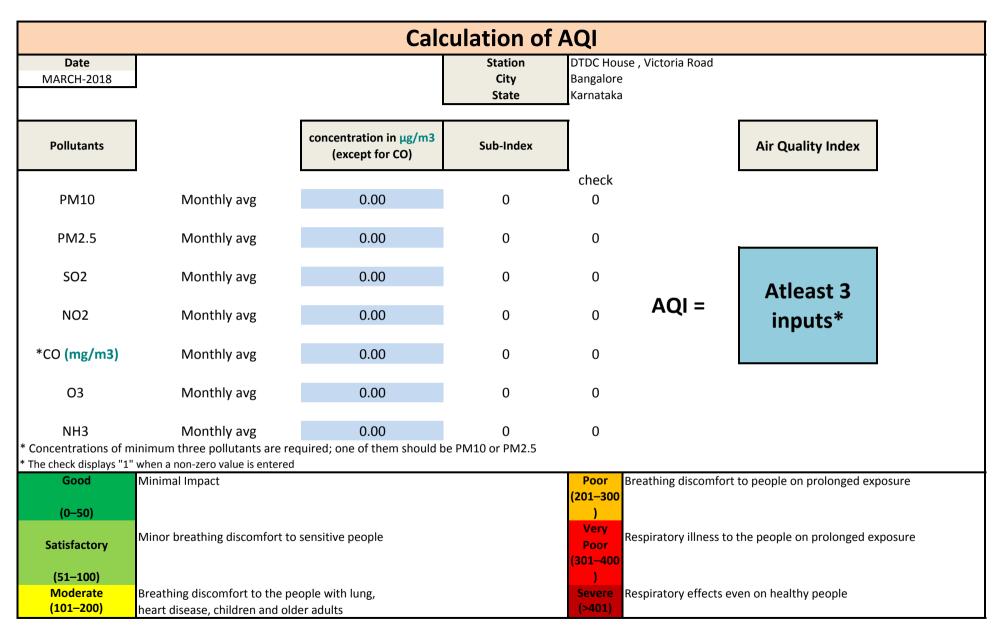
Note: Samples were not recieved and hence AQI not done.

			Calculati	ion of AQI			
Date MARCH-2018			Station City State	Banasawadi Police Statio Bangalore Karnataka	on		
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
PM10	Monthly avg	51.00	51	check 1			
PM2.5	Monthly avg	0.00	0	0			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	24.00	30	1	AQI =	51	
*CO (mg/m3)	Monthly avg	0.00	0	0			
О3	Monthly avg	0.00	0	0			
	Monthly avg f minimum three pollutar "1" when a non-zero value		5 them should be PN	1 M10 or PM2.5			
Good	Minimal Impact	is entered		Poor	Breathing discon	nfort to people on prol	onged exposure
(0–50)				(201–300)			
Satisfactory (51–100)	Minor breathing discon		2	Very Poor (301–400)	Respiratory illnes	ss to the people on pro	longed exposure
Moderate (101–200)	Breathing discomfort to heart disease, children			Severe (>401)	Respiratory effec	cts even on healthy peo	pple

Note: Samples were not recieved and hence AQI not done.

		Cal	culation	of AQI		
Date MARCH-2018			Station City State	UVCE, KR CIRCLE Bangalore Karnataka		
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index
	_			check		
PM10	Monthly avg	44.00	44	1		
PM2.5	Monthly avg	0.00	0	0		
	,					
SO2	Monthly avg	2.00	3	1		
NO2	Monthly avg	25.00	31	1	AQI =	44
*CO (mg/m3)	Monthly avg	0.00	0	0		
03	Monthly avg	0.00	0	0		
NH3	Monthly avg	21.00	5	1		
	nimum three pollutants are require	ed; one of them should be P	M10 or PM2.5			
Good	when a non-zero value is entered Minimal Impact			Poor	Breathing discor	nfort to people on prolonged exposure
(0–50)	· ·			(201–300)	_	
Satisfactory (51–100)	Minor breathing discomfort to s	ensitive people		Very Poor (301–400)	Respiratory illne	ss to the people on prolonged exposure
Moderate	Breathing discomfort to the peo	ple with lung,		Severe	Respiratory effe	cts even on healthy people
(101–200)	heart disease, children and olde	r adults		(>401)		

Note: Samples were not recieved and hence AQI not done



Note: *-Monitoring not carrried out.

		Ca	alculation	of AQI			
Date MARCH-2018			Station City State	Swan silk Pv Bangalore Karnataka	t Ltd, Peenya		
Pollutants		concentration in µg/m3 (except for CO)	Sub-Index			Air Quality Index	
PM10	Monthly avg	96.00	96	check 1			
PM2.5	Monthly avg	46.00	77	1			
SO2	Monthly avg	2.00	3	1			
NO2	Monthly avg	31.00	39	1	AQI =	96	
*CO (mg/m3)	Monthly avg	0.00	0	0			
03	Monthly avg	0.00	0	0			
NH3	Monthly avg	22.00	6	1			
	of minimum three polluta "1" when a non-zero value		f them should be Pl	M10 or PM2.5			
Good (0–50)	Minimal Impact			(201–300	reathing discomfo	ort to people on prolonge	d exposure
Satisfactory	Minor breathing discom	fort to sensitive people	2	Very Poor (301–400	espiratory illness	to the people on prolong	ed exposure
(51–100) Moderate (101–200)	Breathing discomfort to heart disease, children a			Severe (>401)	espiratory effects	even on healthy people	

	AAQM	results for	the mont	h of Marc	h- 2018					
Sl.			(24 hrs Time Weighted Average)							
No.	Name of the Monitoring Station	Date of Monitoring	PM ₁₀	PM _{2.5}	SO_2	NO_2	NH ₃	Pb	CO	
		Triomitor mg	μg/m ³	μg/m ³	μg/m ³	μg/m ³	$\mu g/m^3$	μg/m ³	mg/m3	
1	AMCO Batteries,	Mar-18	105.0	47.0	2.0	31.0	25.0	*	*	
2	Central Silk Board, Hosur Road,	Mar-18	123.0	*	2.0	31.0	25.0	*	*	
3	Indhira Gandhi Children Health Care	Mar-18	63.0	*	2.0	31.0	22.0	*	*	
4	ITPL,Whietfield	Mar-18	117.0	68.0	2.0	32.0	24.0	*	*	
5	Mr. Madhachari's House Kazisonnenihalli	Mar-18	84.0	*	2.0	31.0	22.0	*	*	
6	Rail Wheel factory, Yelahanka	Mar-18	142.0	*	2.0	31.0	23.0	*	*	
7	Swan Silk Pvt. Ltd., Peenya	Mar-18	96.0	46.0	2.0	31.0	22.0	*	*	
8	Urban Eco Park, Peenya	Mar-18	106.0	46.0	2.0	31.0	22.0	*	*	
9	Victoria Hospital, K. R. Market	Mar-18	47.0	*	2.0	30.0	22.0	*	*	
10	Yeshwanthapura Police Station	Mar-18	107.0	48.0	2.0	31.0	22.0	*	*	
11	Terri Office, Old Air Port Road, Domlur	Mar-18	78.0	38.0	2.0	31.0	22.0	*	*	
12	Banasawadi Police Station	Mar-18	51.0	*	2.0	24.0	20.0	*	*	
13	UVCE, K.R Circle	Mar-18	44.0	*	2.0	25.0	21.0	*	*	
14	City RailwayStation CAAQM	Mar-18	152.0	*	7.6	72.0	*	*	1.63	
15	Sanegruvanahalli CAAQM	Mar-18	96.0	*	3.2	29.8	*	*	0.68	
	Standards (24 hrs Time Weighted Average)			60.0	80.0	80.0	400.0	1.0	2.0	

Note; * monitoring not done