

Rezultate monitorizari emisii aer

valori validate aprilie 2018 CET lasi 1

Data ora	Val masurata cantitate SO2 [t/h]	Val masurata concentr SO2[mg/Nm3]	Val masurata cantitate pulberi_[t/h]	Val masurata concentr pulb [mg/Nm3]	Val masurata cantitate NOx [t/h]	Val masurata concentr NOx[mg/Nm3]	DEBIT_USCA T [Nm3/h]	Val masurata CO cantitateM ASA [t/h]	UMIDITATE	TEMPERATU	PRESIUENE	O2 [%]
4/17/2018	0.00086	2.01	0.0003	1.52	0.00911	45.67	196625.80	0.00048	1.41	56.97	1010.54	7.58
4/17/2018	0.00082	2.00	0.00033	1.64	0.00903	45.30	196495.47	0.00142	1.46	55.98	1010.52	7.49
4/17/2018	0.00077	2.00	0.00034	1.68	0.00895	44.90	194889.72	0.00123	2.19	55.28	1010.55	7.51
4/17/2018	0.00075	1.96	0.00038	1.91	0.00888	44.52	197176.04	0.0038	1.16	61.20	1010.43	7.20
4/17/2018	0.00074	1.96	0.00037	1.87	0.00883	44.30	196156.15	0.00383	1.89	62.88	1010.54	7.22
4/17/2018	0.00076	1.96	0.00039	1.96	0.00862	43.25	195041.81	0.00402	2.28	62.61	1010.84	7.21
4/17/2018	0.00069	2.02	0.00035	1.74	0.0085	42.61	193377.39	0.00133	3.10	56.93	1011.30	7.66
4/17/2018	0.00078	2.04	0.00034	1.69	0.00805	40.38	190633.70	0.00295	4.42	51.31	1011.67	7.74
4/18/2018	0.00014	2.08	0.00032	1.63	0.00842	42.24	189840.91	0.00026	4.80	49.99	1012.10	8.05
4/18/2018	0.0004	2.11	0.00031	1.54	0.00797	39.94	187977.94	0.00033	5.82	47.87	1012.13	8.20
4/18/2018	0.00038	2.11	0.00031	1.54	0.00786	39.43	186511.91	0.00036	6.51	47.56	1012.12	8.18
4/18/2018	0.00064	2.06	0.00029	1.46	0.00751	37.66	185459.79	0.00208	7.03	47.84	1012.31	7.89
4/18/2018	0.00083	2.02	0.00037	1.84	0.00714	35.76	182506.75	0.00364	8.51	49.48	1012.35	7.65
4/18/2018	0.00072	2.01	0.00044	2.23	0.00705	35.32	180399.35	0.00396	9.97	52.04	1012.69	7.55
4/18/2018	0.00074	1.97	0.00042	2.18	0.00709	36.72	180515.52	0.00345	6.65	57.31	1013.05	7.26
4/18/2018	0.00075	1.93	0.00066	3.31	0.00755	37.83	193942.58	0.0024	2.90	70.24	1013.85	6.98
4/18/2018	0.00075	1.93	0.00089	4.46	0.00761	38.12	194291.65	0.00162	2.70	70.83	1015.04	6.98
4/18/2018	0.00078	1.93	0.00068	3.42	0.0075	37.58	194507.64	0.00171	2.57	70.75	1015.24	7.03
4/18/2018	0.00075	1.96	0.00054	2.71	0.00743	37.23	192788.58	0.00219	3.60	64.91	1015.72	7.23
4/18/2018	0.00079	1.98	0.00045	2.28	0.00754	37.79	190885.29	0.00137	4.42	61.93	1016.00	7.33
4/18/2018	0.00079	1.99	0.00041	2.04	0.00756	37.89	190303.58	0.00121	4.71	61.04	1016.01	7.41
4/18/2018	0.0008	1.98	0.00041	2.04	0.00757	37.92	190423.43	0.00216	4.65	60.30	1016.03	7.35
4/18/2018	0.00074	1.97	0.00036	1.83	0.00787	39.43	190417.12	0.00246	4.56	60.71	1016.74	7.30
4/18/2018	0.00077	1.98	0.00028	1.47	0.0077	40.19	181613.62	0.00063	4.78	58.34	1016.22	7.35
4/18/2018	0.00026	1.79	0.00011	1.33	0.00303	37.92	76296.34	0.00043	4.46	58.71	1015.98	5.92
4/18/2018	0.00027	1.78	0.00011	1.34	0.00308	38.65	77334.48	0.00083	3.10	60.59	1015.53	5.87
4/18/2018	0.00029	1.79	0.0001	1.31	0.00317	39.75	77196.36	0.00053	3.32	59.95	1015.24	5.88

4/18/2018	0.00027	1.77	0.00012	1.44	0.00316	39.59	77558.18	0.00116	2.85	61.92	1015.21	5.76
4/18/2018	0.00027	1.77	0.00013	1.66	0.00309	38.70	77621.53	0.00119	2.73	62.59	1015.22	5.73
4/18/2018	0.00028	1.77	0.00014	1.76	0.00304	38.08	77651.25	0.0009	2.69	64.64	1015.23	5.73
4/18/2018	0.00028	1.77	0.00015	1.85	0.00295	36.98	77735.32	0.00127	2.71	63.46	1014.96	5.78
4/18/2018	0.00025	1.81	0.00013	1.65	0.00282	35.38	76532.77	0.00115	4.16	58.46	1014.73	6.04
4/19/2018	0.00024	1.87	0.00012	1.52	0.00262	32.83	74507.40	0.00045	6.73	50.30	1014.61	6.58
4/19/2018	0.00028	1.88	0.00012	1.56	0.00246	30.87	73574.52	0.00075	7.79	48.11	1015.23	6.61
4/19/2018	0.00029	1.87	0.00013	1.57	0.00243	30.44	73257.41	0.00086	8.21	46.74	1015.23	6.57
4/19/2018	0.00031	1.85	0.00011	1.41	0.00257	32.21	74037.37	0.00033	7.24	49.29	1014.48	6.43
4/19/2018	0.00031	1.85	0.00013	1.57	0.00253	31.73	73932.67	0.00043	7.38	48.76	1013.47	6.42
4/19/2018	0.00028	1.79	0.00014	1.79	0.00269	33.71	75945.75	0.00115	4.86	56.11	1013.02	5.93
4/19/2018	0.00027	1.77	0.00016	2.00	0.00265	34.32	74416.68	0.00122	3.72	60.47	1013.05	5.76
4/19/2018	0.00027	1.75	0.00018	2.21	0.00287	36.02	78603.97	0.00065	1.51	73.13	1013.68	5.55
4/19/2018	0.00027	1.76	0.00017	2.07	0.00283	35.45	78169.56	0.00072	2.77	69.68	1013.20	5.65
4/19/2018	0.00028	1.76	0.00016	2.00	0.00285	35.71	78073.87	0.0007	3.05	69.03	1012.87	5.65
4/19/2018	0.00029	1.78	0.00014	1.72	0.0029	36.38	77764.69	0.00042	4.31	65.79	1012.70	5.81
4/19/2018	0.0003	1.81	0.00014	1.73	0.00285	35.71	74652.02	0.00039	6.76	60.84	1012.06	6.10
4/19/2018	0.00028	1.82	0.00014	1.78	0.00285	35.66	70821.25	0.00056	11.33	57.55	1011.44	6.14
4/19/2018	0.00028	1.84	0.00015	1.82	0.00286	35.79	66296.86	0.00013	16.98	54.96	1010.79	6.34
4/19/2018	0.00028	1.83	0.00014	1.76	0.00293	36.72	69227.02	0.0003	13.31	55.19	1010.24	6.23
4/19/2018	0.00027	1.82	0.00013	1.66	0.00304	38.04	69275.80	0.00027	13.42	56.53	1009.59	6.15
4/19/2018	0.00032	1.83	0.00013	1.59	0.00299	37.44	67524.89	0.00019	15.52	55.40	1008.58	6.27
4/19/2018	0.00028	1.86	0.00011	1.38	0.00291	36.48	67285.59	0.00031	16.20	51.61	1008.15	6.51
4/19/2018	0.00028	1.82	0.00011	1.43	0.00299	37.46	69693.51	0.00049	12.77	55.64	1007.57	6.15
4/19/2018	0.00028	1.79	0.00014	1.75	0.00309	38.68	73062.06	0.00105	8.84	60.41	1007.21	5.90
4/19/2018	0.00028	1.79	0.00014	1.79	0.00309	38.74	75114.69	0.00079	6.13	60.56	1007.16	5.90
4/19/2018	0.00028	1.78	0.00015	1.88	0.00302	37.90	76244.85	0.00116	4.59	61.96	1007.29	5.82
4/19/2018	0.00028	1.78	0.00014	1.76	0.00303	37.98	77757.06	0.00094	2.55	62.34	1007.14	5.85
4/19/2018	0.00028	1.81	0.00014	1.69	0.00292	36.62	77005.62	0.00066	3.51	56.89	1006.69	6.09
4/20/2018	0.00028	1.84	0.00014	1.69	0.00267	33.48	75270.03	0.00041	5.76	52.86	1006.85	6.34
4/20/2018	0.00025	1.84	0.00014	1.69	0.00256	32.09	72996.36	0.00074	8.54	51.08	1005.96	6.31
4/20/2018	0.00028	1.88	0.00014	1.71	0.00245	30.73	72581.00	0.00026	9.11	48.05	1006.60	6.60
4/20/2018	0.00025	1.89	0.00015	1.87	0.00238	29.80	71025.16	0.00017	11.28	45.85	1006.65	6.71

4/20/2018	0.00031	1.88	0.00016	2.03	0.00231	28.88	71557.71	0.00051	10.55	45.41	1006.65	6.65
4/20/2018	0.00028	1.83	0.00015	1.82	0.00248	31.04	73921.92	0.00087	7.79	49.28	1006.93	6.24
4/20/2018	0.00028	1.80	0.00016	2.09	0.0024	30.97	72875.35	0.00137	5.83	52.27	1007.40	6.04
4/20/2018	0.00027	1.79	0.00017	2.12	0.00254	31.76	76475.02	0.00168	4.23	57.85	1007.85	5.88
4/20/2018	0.00028	1.79	0.00016	2.02	0.00261	32.74	76406.67	0.00118	4.63	58.01	1008.39	5.92
4/20/2018	0.00027	1.83	0.00013	1.66	0.00254	31.84	72118.78	0.00031	9.98	52.92	1009.35	6.21
4/20/2018	0.00033	1.83	0.00011	1.41	0.00262	32.77	72172.04	0.00014	10.00	52.09	1010.34	6.22
4/20/2018	0.00025	1.80	0.00012	1.54	0.00272	34.05	70782.33	0.00061	11.42	54.95	1011.00	6.03
4/20/2018	0.00028	1.77	0.00015	1.85	0.00288	36.08	73654.90	0.0006	8.59	64.75	1011.26	5.78
4/20/2018	0.0003	1.77	0.00016	1.95	0.00301	37.76	76761.64	0.00039	4.51	68.70	1011.50	5.71
4/20/2018	0.00029	1.76	0.00016	1.96	0.00314	39.40	78191.79	0.00028	2.23	73.13	1012.07	5.65
4/20/2018	0.00029	1.76	0.00015	1.90	0.00322	40.32	78247.82	0.00016	2.22	74.24	1012.10	5.69
4/20/2018	0.00029	1.77	0.00015	1.84	0.00321	40.19	78420.08	0.00025	2.00	72.15	1012.05	5.73
4/20/2018	0.00029	1.78	0.00015	1.86	0.00317	39.74	78148.94	0.00031	2.89	66.23	1012.08	5.85
4/20/2018	0.00025	1.77	0.00015	1.84	0.00317	39.69	78068.45	0.00063	2.49	65.29	1012.11	5.77
4/20/2018	0.00027	1.77	0.00015	1.88	0.00318	39.81	78081.62	0.00061	2.02	65.62	1012.06	5.75
4/20/2018	0.00027	1.78	0.00016	2.02	0.00309	38.75	78106.44	0.00072	2.22	64.95	1012.12	5.80
4/20/2018	0.00028	1.81	0.00014	1.81	0.00302	37.84	77151.09	0.00048	3.34	58.22	1012.34	6.10
4/20/2018	0.00029	1.82	0.00014	1.80	0.00294	36.76	76290.33	0.00045	4.49	54.95	1012.08	6.15
4/20/2018	0.00019	1.85	0.00013	1.66	0.00294	36.83	75641.03	0.00013	5.28	51.76	1012.10	6.40
4/21/2018	0.00017	1.88	0.00013	1.63	0.00287	35.97	74939.71	0.00021	6.17	49.44	1012.14	6.63
4/21/2018	0.00027	1.82	0.00012	1.54	0.00274	34.39	75331.72	0.00159	5.55	52.01	1012.08	6.17
4/21/2018	0.00028	1.82	0.00012	1.55	0.00274	34.32	75862.07	0.00079	4.94	53.72	1012.16	6.14
4/21/2018	0.00018	1.85	0.0001	1.26	0.00277	34.65	74996.79	0.0002	6.06	51.29	1012.09	6.43
4/21/2018	0.00025	1.88	0.0001	1.21	0.00264	33.14	73930.96	0.0001	7.34	47.75	1011.61	6.65
4/21/2018	0.00029	1.85	0.00011	1.32	0.00254	31.85	74158.59	0.00058	7.04	48.53	1011.23	6.39
4/21/2018	0.00028	1.81	0.00013	1.67	0.00245	31.96	72015.68	0.00105	6.08	51.82	1010.73	6.11
4/21/2018	0.00028	1.79	0.00013	1.62	0.00264	33.01	75873.35	0.00162	4.98	56.28	1011.90	5.91
4/21/2018	0.00028	1.78	0.0001	1.23	0.00277	34.72	75941.62	0.00092	4.79	56.83	1013.25	5.83
4/21/2018	0.00028	1.78	0.00009	1.07	0.00287	35.96	76159.88	0.00059	4.56	57.42	1012.63	5.81
4/21/2018	0.00028	1.77	0.0001	1.22	0.00301	37.71	76985.03	0.00084	3.56	60.79	1011.41	5.70
4/21/2018	0.00028	1.77	0.00011	1.35	0.00312	39.05	77443.11	0.00052	2.95	62.78	1011.15	5.73

4/21/2018	0.00031	1.74	0.00015	1.85	0.00336	42.13	78943.96	0.00019	1.01	74.29	1010.40	5.48
4/21/2018	0.00022	1.75	0.00015	1.91	0.00348	43.68	79344.72	0.0001	0.48	77.67	1009.45	5.54
4/21/2018	0.00013	1.75	0.00015	1.85	0.00354	44.36	79395.98	0.00009	0.44	76.66	1008.81	5.58
4/21/2018	0.00014	1.76	0.00013	1.61	0.00352	44.13	79304.43	0.00011	0.46	74.43	1007.85	5.67
4/21/2018	0.00014	1.76	0.0001	1.29	0.00357	44.81	79135.15	0.0001	0.67	71.72	1007.03	5.69
4/21/2018	0.00015	1.81	0.00008	0.98	0.00343	43.08	78032.79	0.00012	2.04	62.90	1006.22	6.07
4/21/2018	0.00028	1.80	0.00008	1.06	0.00337	42.30	77932.17	0.00021	2.27	62.60	1004.87	6.00
4/21/2018	0.00029	1.80	0.00009	1.14	0.00328	41.22	77709.37	0.0003	2.46	61.38	1003.67	6.02
4/21/2018	0.00027	1.79	0.0001	1.30	0.00323	40.53	77447.96	0.00064	2.75	62.74	1002.97	5.91
4/21/2018	0.00027	1.79	0.00013	1.63	0.0032	40.14	77856.18	0.00054	2.31	64.57	1002.70	5.88
4/21/2018	0.00031	1.80	0.00013	1.67	0.00305	38.26	77437.48	0.00041	2.84	63.00	1002.73	5.97
4/21/2018	0.0001	1.84	0.00012	1.48	0.00298	37.36	76252.51	0.00011	4.34	56.88	1002.41	6.31
4/22/2018	0.00018	1.84	0.00012	1.49	0.00286	35.88	75873.79	0.00068	4.87	55.23	1001.97	6.29
4/22/2018	0.00027	1.81	0.00012	1.48	0.00273	34.19	76027.92	0.00159	4.70	56.39	1002.28	6.11
4/22/2018	0.00028	1.81	0.00012	1.52	0.00269	33.70	76251.17	0.00188	4.45	56.78	1002.72	6.08
4/22/2018	0.00018	1.83	0.00011	1.37	0.00272	34.07	75633.19	0.00076	5.21	54.56	1002.87	6.28
4/22/2018	0.0003	1.86	0.0001	1.22	0.00279	34.97	74932.38	0.00009	6.10	52.62	1003.38	6.50
4/22/2018	0.00027	1.80	0.0001	1.31	0.0027	33.84	75684.21	0.00133	5.09	55.38	1003.48	6.03
4/22/2018	0.00027	1.80	0.0001	1.33	0.00261	33.83	73500.18	0.00104	4.72	57.06	1003.65	6.01
4/22/2018	0.00028	1.79	0.00011	1.32	0.00275	34.42	76251.72	0.00107	4.44	59.31	1004.75	5.91
4/22/2018	0.00027	1.78	0.00011	1.44	0.00282	35.38	76787.36	0.00106	3.77	61.19	1004.79	5.84
4/22/2018	0.00027	1.80	0.00011	1.44	0.00293	36.75	77141.92	0.00041	3.31	58.66	1004.30	5.96
4/22/2018	0.00027	1.78	0.00012	1.56	0.00301	37.75	77916.05	0.0013	2.39	62.46	1004.94	5.80
4/22/2018	0.00027	1.78	0.00013	1.61	0.00323	40.51	78344.58	0.00026	1.68	64.27	1005.08	5.80
4/22/2018	0.00022	1.75	0.00015	1.84	0.00336	42.07	79324.67	0.00013	0.55	73.40	1005.08	5.58
4/22/2018	0.0001	1.76	0.00015	1.94	0.00341	42.75	78936.86	0.00009	1.02	69.86	1004.78	5.69
4/22/2018	0.00016	1.76	0.00015	1.90	0.00341	42.79	78901.86	0.00009	1.12	70.98	1004.30	5.69
4/22/2018	0.00025	1.77	0.00014	1.75	0.0034	42.67	78721.24	0.00022	1.31	69.43	1004.04	5.71
4/22/2018	0.00024	1.78	0.00013	1.61	0.00336	42.19	78180.10	0.00025	2.02	65.59	1003.51	5.86
4/22/2018	0.0002	1.83	0.0001	1.28	0.00328	41.15	77653.42	0.00013	2.60	58.43	1003.51	6.22
4/22/2018	0.0002	1.82	0.0001	1.26	0.00321	40.22	77687.77	0.00084	2.55	57.95	1003.36	6.17
4/22/2018	0.0002	1.80	0.00011	1.40	0.00322	40.38	77965.95	0.00101	2.27	59.81	1002.97	6.00
4/22/2018	0.00029	1.79	0.00012	1.52	0.00315	39.50	77936.08	0.00095	2.33	59.39	1003.57	5.95

4/22/2018	0.00026	1.79	0.00014	1.70	0.00309	38.76	77989.48	0.00082	2.18	62.26	1003.83	5.88
4/22/2018	0.00023	1.82	0.00013	1.60	0.003	37.56	76688.59	0.00022	3.92	57.82	1004.30	6.17
4/22/2018	0.0002	1.86	0.00012	1.45	0.00279	35.04	75082.44	0.00039	5.89	52.28	1004.30	6.49
4/23/2018	0.00016	1.85	0.0001	1.30	0.00277	34.68	75390.78	0.00036	5.48	53.05	1003.87	6.39
4/23/2018	0.00028	1.83	0.00011	1.40	0.00259	32.46	75193.84	0.001	5.74	52.56	1003.80	6.25
4/23/2018	0.00025	1.84	0.00011	1.34	0.00258	32.34	75009.67	0.0008	6.03	51.37	1003.64	6.34
4/23/2018	0.00024	1.89	0.00011	1.40	0.00245	30.66	73811.16	0.00047	7.46	48.02	1003.49	6.68
4/23/2018	0.00028	1.87	0.00011	1.41	0.00244	30.64	73911.78	0.00067	7.34	48.31	1003.42	6.58
4/23/2018	0.00028	1.80	0.00012	1.56	0.00259	32.48	75495.65	0.00146	5.36	54.09	1002.72	5.97
4/23/2018	0.00025	1.77	0.00016	2.08	0.0026	33.61	74813.08	0.00171	3.22	62.05	1002.85	5.70
4/23/2018	0.00027	1.76	0.00016	2.04	0.00274	34.35	77996.19	0.00112	2.35	66.73	1004.20	5.62
4/23/2018	0.00025	1.77	0.00012	1.46	0.00279	34.94	77346.93	0.00089	3.08	62.06	1005.79	5.73
4/23/2018	0.00027	1.79	0.00009	1.18	0.0028	35.16	76751.73	0.00053	3.75	57.43	1005.89	5.94
4/23/2018	0.00031	1.80	0.00009	1.08	0.0029	36.35	76754.90	0.00022	3.78	56.92	1006.42	5.98
4/23/2018	0.00029	1.78	0.00011	1.32	0.0031	38.81	77902.11	0.00056	2.35	60.95	1006.55	5.83
4/23/2018	0.00026	1.76	0.00012	1.56	0.00333	41.80	78535.99	0.00019	1.50	68.47	1006.32	5.64
4/23/2018	0.00024	1.75	0.00015	1.89	0.00345	43.28	79112.33	0.0001	0.76	73.52	1005.85	5.59
4/23/2018	0.00023	1.76	0.00015	1.84	0.00349	43.80	79147.54	0.00011	0.73	72.73	1005.10	5.63
4/23/2018	0.00017	1.76	0.00013	1.69	0.00353	44.28	79069.08	0.0001	0.82	73.22	1004.87	5.65
4/23/2018	0.0002	1.78	0.00012	1.46	0.00345	43.34	78718.58	0.0001	1.25	69.30	1004.32	5.81
4/23/2018	0.00015	1.82	0.00009	1.14	0.00332	41.63	77795.64	0.00011	2.45	61.75	1004.60	6.15
4/23/2018	0.00025	1.82	0.00008	1.04	0.00329	41.34	77023.34	0.00026	3.27	58.96	1005.03	6.13
4/23/2018	0.00022	1.82	0.00008	1.06	0.00329	41.26	76758.39	0.00029	3.65	57.48	1004.31	6.19
4/23/2018	0.00014	1.83	0.0001	1.22	0.00316	39.70	76067.37	0.00023	4.54	55.69	1004.26	6.26
4/23/2018	0.00029	1.81	0.00011	1.42	0.00296	37.16	75759.59	0.00051	4.95	56.73	1004.30	6.09
4/23/2018	0.00017	1.84	0.00012	1.51	0.00291	36.54	74589.90	0.00017	6.46	52.84	1004.20	6.29
4/23/2018	0.00014	1.85	0.00012	1.52	0.00278	34.89	73988.00	0.00046	7.24	51.14	1003.50	6.37
4/24/2018	0.00014	1.86	0.00012	1.44	0.00269	33.68	73877.86	0.00021	7.40	50.59	1003.51	6.44
4/24/2018	0.0003	1.85	0.00011	1.33	0.00265	33.17	73741.33	0.00012	7.59	49.91	1003.47	6.40
4/24/2018	0.00016	1.87	0.0001	1.23	0.0026	32.56	73412.87	0.00012	7.99	48.40	1002.75	6.59
4/24/2018	0.0003	1.90	0.00011	1.46	0.00228	29.36	69560.28	0.0003	10.21	44.39	1002.03	6.81
4/24/2018	0.0003	1.84	0.00011	1.32	0.00248	31.26	72595.37	0.00119	8.52	49.03	1001.56	6.30
4/24/2018	0.00029	1.81	0.00011	1.33	0.00258	32.37	74351.42	0.0009	6.70	52.44	1001.34	6.07
4/24/2018	0.00028	1.78	0.00011	1.49	0.00259	33.62	73646.74	0.00107	4.23	59.56	1000.67	5.87

4/24/2018	0.00028	1.77	0.00014	1.72	0.00271	33.96	76904.06	0.00145	3.45	62.03	1000.63	5.74
4/24/2018	0.00029	1.77	0.00013	1.62	0.00275	34.48	76946.78	0.00105	3.34	63.94	1002.77	5.74
4/24/2018	0.00026	1.78	0.0001	1.28	0.00275	34.70	76006.03	0.00096	4.28	61.49	1004.78	5.83
4/24/2018	0.00026	1.79	0.0001	1.23	0.0028	36.17	73850.77	0.0003	4.71	59.30	1005.12	5.91
4/24/2018	0.00026	1.78	0.0001	1.30	0.00267	36.24	70249.21	0.00073	4.64	61.09	1005.64	5.81
4/24/2018	0.00023	1.77	0.0001	1.44	0.00266	37.69	67560.84	0.00083	4.14	63.11	1006.35	5.73
4/24/2018	0.00023	1.77	0.0001	1.43	0.00263	37.39	66824.29	0.00086	4.89	61.93	1005.94	5.78
4/24/2018	0.00015	1.79	0.00008	1.21	0.00263	38.63	64516.71	0.00015	5.43	61.05	1005.84	5.94
4/24/2018	0.00019	1.78	0.00008	1.29	0.00256	38.87	62744.39	0.00047	4.74	62.90	1005.41	5.80
4/24/2018	0.00024	1.77	0.00008	1.21	0.00261	39.15	64055.04	0.00051	4.03	65.56	1005.06	5.76
4/24/2018	0.00026	1.79	0.00008	1.22	0.00271	38.96	65721.06	0.00018	5.78	62.37	1004.07	5.93
4/24/2018	0.00026	1.80	0.00011	1.51	0.00251	35.46	64373.38	0.00052	9.19	58.24	1002.44	6.00
4/24/2018	0.00024	1.77	0.0002	2.88	0.00247	35.13	66267.41	0.00144	5.85	62.63	1003.58	5.71
4/24/2018	0.00024	1.76	0.00057	8.11	0.0024	34.34	62670.35	0.00091	10.50	54.76	1004.27	5.62
4/24/2018	0.00022	1.76	0.00074	10.52	0.00234	33.41	66133.24	0.00081	5.51	63.92	1003.95	5.67
4/24/2018	0.00022	1.78	0.00061	8.94	0.00226	33.09	63946.89	0.00071	6.21	61.02	1004.30	5.84
4/24/2018	0.0001	1.85	0.00049	7.47	0.00212	32.40	59705.37	0.00009	8.95	54.02	1004.98	6.41
4/25/2018	0.00008	1.86	0.00043	7.17	0.00191	32.26	53508.02	0.00008	9.88	53.05	1005.10	6.49
4/25/2018	0.00002	1.87	0.00039	7.26	0.00175	32.52	48339.42	0.00006	10.32	51.48	1004.62	6.53
4/25/2018	0.00002	1.87	0.00051	8.96	0.00184	32.38	50843.93	0.00007	10.80	49.61	1004.31	6.56
4/25/2018	0.00002	1.87	0.0003	5.55	0.00173	32.19	47723.45	0.00006	11.06	48.54	1004.32	6.55
4/25/2018	0.00013	1.86	0.00029	7.15	0.0013	31.65	36468.82	0.00012	10.94	49.65	1004.29	6.46
4/25/2018	0.00015	1.79	0.00029	7.34	0.00125	31.94	35548.62	0.00062	9.00	53.05	1004.31	5.94
4/25/2018	0.00013	1.77	0.00025	6.40	0.00124	32.21	36032.41	0.00097	6.52	59.80	1004.63	5.75
4/25/2018	0.00012	1.76	0.00031	8.23	0.00125	32.94	35939.94	0.00086	5.67	61.62	1005.94	5.68
4/25/2018	0.00013	1.76	0.00017	4.61	0.00126	33.51	35686.19	0.00049	5.08	64.98	1007.15	5.67
4/25/2018	0.00013	1.78	0.00007	1.85	0.00126	33.38	35582.74	0.00044	5.88	62.13	1006.65	5.81
4/25/2018	0.00014	1.79	0.00006	1.40	0.00136	34.63	36544.19	0.00018	6.97	58.58	1007.38	5.94
4/25/2018	0.00008	1.81	0.00004	1.39	0.00104	36.65	26388.12	0.00005	7.11	58.54	1007.39	6.10
4/25/2018	0.00004	1.82	0.00003	1.49	0.00088	38.92	20899.25	0.00003	7.17	56.45	1007.01	6.13
4/25/2018	0.00009	1.81	0.00004	1.62	0.00087	38.66	20924.03	0.00006	6.85	57.58	1006.67	6.09
4/25/2018	0.00008	1.80	0.00004	1.64	0.00087	38.78	21008.88	0.00012	6.37	59.09	1005.92	5.99

4/25/2018	0.00008	1.80	0.00003	1.54	0.00089	39.57	21185.50	0.00011	6.01	59.07	1005.22	5.98
4/25/2018	0.00008	1.76	0.00004	1.60	0.00092	40.88	21706.78	0.00022	3.82	65.74	1004.11	5.63
4/25/2018	0.00008	1.76	0.00004	1.60	0.00093	41.26	21791.74	0.00011	3.53	64.76	1003.22	5.69
4/25/2018	0.00008	1.76	0.00004	1.69	0.00091	40.29	21787.53	0.00016	3.59	65.26	1002.43	5.69
4/25/2018	0.00008	1.77	0.00004	1.72	0.00089	39.51	21563.33	0.00017	4.70	62.81	1001.60	5.79
4/25/2018	0.00008	1.75	0.00004	1.99	0.00009	39.58	21706.71	0.00036	4.04	65.49	1001.14	5.58
4/25/2018	0.00008	1.75	0.00005	2.16	0.00087	38.50	21789.14	0.00039	3.67	66.95	1001.18	5.57
4/25/2018	0.00008	1.77	0.00005	2.17	0.00084	37.05	21616.88	0.00037	4.41	65.36	1000.64	5.71
4/25/2018	0.00005	1.83	0.00004	1.89	0.00081	35.67	21102.53	0.00004	6.73	57.47	1000.78	6.22
4/26/2018	0.00002	1.86	0.00004	1.74	0.00079	35.14	20635.03	0.00003	8.72	53.29	1001.15	6.47
4/26/2018	0.00002	1.86	0.00003	1.55	0.00078	34.59	20447.27	0.00003	9.64	51.59	1001.17	6.51
4/26/2018	0.00002	1.85	0.00004	1.58	0.00077	33.91	20455.97	0.00003	9.55	52.19	1001.16	6.44
4/26/2018	0.00002	1.86	0.00004	1.67	0.00074	32.92	20182.81	0.00004	10.23	50.02	1001.15	6.47
4/26/2018	0.00002	1.85	0.00004	1.72	0.00071	31.63	19962.03	0.00018	11.19	48.48	1001.14	6.39
4/26/2018	0.00002	1.79	0.00004	1.78	0.00071	31.78	20494.43	0.00043	8.81	53.38	1001.17	5.93
4/26/2018	0.00002	1.78	0.00004	1.84	0.00077	32.74	21871.71	0.00053	6.97	57.74	1001.25	5.82
4/26/2018	0.00008	1.77	0.00004	1.76	0.00074	32.89	21151.93	0.00006	5.93	61.20	1002.56	5.72
4/26/2018	0.00008	1.76	0.00004	1.68	0.00074	32.97	21285.42	0.00006	5.35	62.73	1004.01	5.66
4/26/2018	0.00008	1.77	0.00003	1.42	0.00078	34.92	21272.17	0.00027	5.31	63.79	1004.31	5.71
4/26/2018	0.00008	1.77	0.00003	1.28	0.00083	37.11	21268.16	0.00014	5.20	62.51	1004.29	5.77
4/26/2018	0.00008	1.79	0.00003	1.30	0.00087	38.96	21148.83	0.00004	5.23	61.21	1004.29	5.90
4/26/2018	0.00002	1.81	0.00003	1.52	0.00088	39.44	21173.81	0.00004	5.33	60.12	1004.11	6.05
4/26/2018	0.00002	1.77	0.00004	1.78	0.00092	40.86	21595.96	0.00013	4.02	64.77	1003.49	5.76
4/26/2018	0.00002	1.78	0.00004	1.69	0.00094	41.71	21765.92	0.00006	3.63	65.32	1003.07	5.85
4/26/2018	0.00002	1.80	0.00004	1.59	0.00093	41.16	21547.13	0.00005	4.54	62.51	1001.66	6.00
4/26/2018	0.00008	1.80	0.00003	1.46	0.00092	40.95	21588.70	0.00008	4.39	62.68	1001.16	5.98
4/26/2018	0.00008	1.79	0.00003	1.42	0.00093	41.34	21643.69	0.00004	4.08	63.39	1000.60	5.92
4/26/2018	0.00008	1.78	0.00003	1.54	0.00091	40.37	21667.52	0.00023	3.75	64.37	1000.24	5.81
4/26/2018	0.00008	1.77	0.00004	1.76	0.00091	40.63	21708.90	0.00026	3.27	67.09	999.60	5.73
4/26/2018	0.00008	1.79	0.00004	1.94	0.00008	35.78	20428.53	0.00047	9.27	62.84	998.29	5.91
4/26/2018	0.00008	1.76	0.00005	2.07	0.00083	36.87	21483.59	0.00048	4.44	64.73	1000.06	5.67

4/26/2018	0.00008	1.79	0.00005	2.00	0.00078	34.70	21423.59	0.00023	4.82	62.27	1000.38	5.88
4/26/2018	0.00006	1.83	0.00004	1.86	0.00073	32.40	21080.87	0.00006	6.35	56.60	1000.60	6.24
4/27/2018	0.00005	1.88	0.00005	2.02	0.00068	30.33	20673.54	0.0001	8.15	51.57	1000.39	6.62
4/27/2018	0.00005	1.90	0.00005	2.11	0.0006	26.81	20376.97	0.00018	9.40	48.18	1000.89	6.79
4/27/2018	0.00005	1.90	0.00004	2.01	0.00059	26.32	20193.35	0.00017	9.72	47.53	1000.49	6.77
4/27/2018	0.00005	1.88	0.00005	2.29	0.0006	26.68	19904.90	0.00034	11.19	46.42	1001.16	6.66
4/27/2018	0.00005	1.87	0.00014	2.18	0.0006	26.73	19494.06	0.00037	12.89	47.13	1000.97	6.55
4/27/2018	0.00005	1.81	0.00013	1.84	0.00065	28.90	20209.33	0.00066	10.14	51.25	1000.60	6.08
4/27/2018	0.00005	1.79	0.00016	1.75	0.00071	29.93	21667.33	0.00053	7.95	54.98	1001.84	5.88
4/27/2018	0.00005	1.78	0.00013	1.57	0.00069	30.81	21050.50	0.00059	6.32	59.41	1002.99	5.80
4/27/2018	0.00005	1.77	0.00009	1.85	0.0007	31.12	21104.91	0.00046	5.86	60.31	1004.31	5.78
4/27/2018	0.00005	1.77	0.00013	1.64	0.0007	31.08	20936.30	0.0006	6.49	60.34	1004.87	5.76
4/27/2018	0.00005	1.79	0.0002	1.97	0.0007	31.26	20536.63	0.00024	8.19	57.38	1005.05	5.91
4/27/2018	0.00005	1.80	0.00014	1.34	0.0007	31.18	20665.29	0.0002	7.64	57.01	1006.07	5.97
4/27/2018	0.00005	1.80	0.00007	1.34	0.00071	31.54	20848.83	0.00014	6.83	55.92	1006.69	6.04
4/27/2018	0.00005	1.80	0.00005	1.20	0.00073	32.70	21067.60	0.00011	5.78	56.50	1007.36	6.03
4/27/2018	0.00005	1.81	0.00004	2.00	0.00076	34.14	21361.41	0.00008	4.54	56.44	1008.16	6.04
4/27/2018	0.00008	1.80	0.00004	1.84	0.00076	34.06	21447.83	0.00009	4.12	57.93	1007.67	6.00
4/27/2018	0.00008	1.80	0.00004	1.62	0.00076	34.02	21312.97	0.0001	4.72	58.15	1008.17	5.98
4/27/2018	0.00008	1.80	0.00003	1.56	0.00076	34.00	21396.69	0.00011	4.30	58.91	1008.19	5.96
4/27/2018	0.00008	1.79	0.00003	1.48	0.00076	33.98	21491.76	0.00013	3.89	59.46	1008.18	5.92
4/27/2018	0.00008	1.78	0.00004	1.68	0.00075	33.44	21597.15	0.00043	3.42	61.57	1008.29	5.79
4/27/2018	0.00008	1.77	0.00004	1.90	0.00074	32.97	21648.55	0.00064	2.97	62.69	1008.62	5.77
4/27/2018	0.00008	1.79	0.00004	1.99	0.00072	32.29	21405.61	0.00032	4.08	58.97	1009.28	5.94
4/27/2018	0.00008	1.82	0.00004	1.97	0.00071	31.65	20939.32	0.00013	6.13	54.42	1010.29	6.15
4/27/2018	0.00008	1.88	0.00004	1.99	0.00067	30.21	20362.78	0.00009	8.74	48.26	1010.53	6.62
4/28/2018	0.00008	1.90	0.00005	2.05	0.00064	28.51	20088.73	0.00012	9.98	45.53	1010.52	6.77
4/28/2018	0.00008	1.91	0.00004	1.93	0.00064	28.59	19788.38	0.00008	11.27	42.65	1010.55	6.84
4/28/2018	0.00008	1.90	0.00005	2.39	0.00064	28.92	19797.90	0.00008	11.22	42.88	1010.54	6.81
4/28/2018	0.00008	1.90	0.00006	2.85	0.00064	28.45	19804.26	0.00011	11.50	41.94	1010.55	6.80
4/28/2018	0.00008	1.87	0.00013	1.84	0.00062	27.72	19891.36	0.00032	10.99	43.04	1009.94	6.58
4/28/2018	0.00016	1.82	0.00019	1.44	0.00135	29.01	41976.46	0.00183	9.00	47.23	1008.81	6.14
4/28/2018	0.00029	1.79	0.00026	1.23	0.0024	30.06	74375.33	0.003	6.83	51.52	1008.23	5.94
4/28/2018	0.00027	1.77	0.00015	1.90	0.00249	31.18	75363.88	0.00355	5.54	56.52	1010.15	5.78

4/28/2018	0.00027	1.77	0.00013	1.66	0.00259	32.47	76240.78	0.00178	4.44	60.87	1012.26	5.72
4/28/2018	0.00028	1.77	0.00011	1.34	0.00267	33.43	76895.69	0.00096	3.69	62.94	1012.11	5.71
4/28/2018	0.00028	1.77	0.00013	1.67	0.00269	33.77	77221.18	0.00057	3.22	63.15	1012.42	5.78
4/28/2018	0.00029	1.79	0.00013	1.65	0.0027	33.85	76527.67	0.00041	4.11	59.42	1012.18	5.95
4/28/2018	0.00028	1.81	0.00014	1.80	0.0027	33.88	76020.94	0.00022	4.80	59.27	1012.10	6.05
4/28/2018	0.0003	1.81	0.00015	1.90	0.00273	34.16	75775.11	0.00013	5.06	58.95	1011.68	6.04
4/28/2018	0.00028	1.80	0.00014	1.74	0.00273	34.15	75377.53	0.0001	5.58	58.92	1011.32	6.03
4/28/2018	0.00028	1.80	0.00013	1.61	0.00265	33.26	75386.77	0.00019	5.49	59.99	1010.95	6.00
4/28/2018	0.00028	1.79	0.00012	1.46	0.00268	33.62	75204.37	0.00025	5.70	61.00	1010.37	5.89
4/28/2018	0.00028	1.79	0.00012	1.50	0.00268	33.65	75580.46	0.00033	5.23	61.78	1009.77	5.88
4/28/2018	0.00027	1.77	0.00013	1.64	0.00265	33.20	75901.33	0.00119	4.88	63.27	1009.37	5.75
4/28/2018	0.00028	1.76	0.00014	1.79	0.00262	32.88	76287.97	0.00184	4.35	65.32	1008.97	5.70
4/28/2018	0.00027	1.77	0.00016	2.03	0.00259	32.47	76351.37	0.00191	4.30	65.68	1008.96	5.73
4/28/2018	0.00027	1.77	0.00016	2.05	0.00254	31.88	76194.80	0.002	4.57	64.67	1008.97	5.76
4/28/2018	0.00027	1.80	0.00016	1.99	0.00256	32.02	75452.58	0.00077	5.48	61.32	1008.89	5.98
4/28/2018	0.00033	1.86	0.00015	1.90	0.0025	31.33	73331.88	0.00016	8.13	54.32	1008.23	6.45
4/29/2018	0.00033	1.89	0.00017	2.16	0.0023	28.75	71816.62	0.00067	10.10	50.31	1008.37	6.71
4/29/2018	0.00033	1.88	0.00017	2.16	0.00216	27.05	71258.06	0.00117	10.70	49.05	1008.37	6.66
4/29/2018	0.00027	1.88	0.00017	2.09	0.0022	27.55	71218.88	0.00104	10.78	48.35	1007.73	6.66
4/29/2018	0.0003	1.88	0.00016	2.01	0.00219	27.50	71179.17	0.00113	10.83	47.23	1007.62	6.67
4/29/2018	0.00028	1.89	0.00015	1.94	0.00215	26.95	71183.38	0.00118	10.82	46.19	1007.53	6.68
4/29/2018	0.00026	1.84	0.00013	1.65	0.00224	29.01	69629.42	0.00187	9.71	48.32	1007.22	6.32
4/29/2018	0.00028	1.81	0.00013	1.57	0.0024	30.07	73762.23	0.00197	7.55	53.03	1007.19	6.08
4/29/2018	0.00028	1.79	0.0001	1.28	0.00247	30.90	74544.17	0.00176	6.57	56.19	1008.88	5.92
4/29/2018	0.00027	1.76	0.0001	1.23	0.00258	32.36	76038.51	0.0022	4.73	61.53	1010.12	5.69
4/29/2018	0.00026	1.76	0.0001	1.20	0.00264	33.10	76674.49	0.00135	3.97	65.18	1010.61	5.64
4/29/2018	0.00027	1.76	0.0001	1.24	0.00271	33.96	76799.69	0.00079	3.78	66.15	1010.91	5.68
4/29/2018	0.00029	1.79	0.0001	1.25	0.00271	33.90	76098.35	0.0003	4.68	62.41	1011.82	5.92
4/29/2018	0.00033	1.81	0.00011	1.41	0.00273	34.14	75713.42	0.00012	5.16	60.23	1011.38	6.06
4/29/2018	0.0003	1.81	0.00012	1.52	0.00271	34.00	75506.32	0.00032	5.30	59.90	1011.33	6.12
4/29/2018	0.00028	1.81	0.00012	1.54	0.00268	33.62	75293.01	0.00032	5.64	59.98	1011.26	6.12
4/29/2018	0.00028	1.82	0.00011	1.41	0.00267	33.52	74847.23	0.00038	6.15	58.64	1010.54	6.19
4/29/2018	0.00028	1.83	0.0001	1.27	0.00267	33.47	74813.29	0.00045	6.33	58.06	1009.88	6.22
4/29/2018	0.00032	1.83	0.0001	1.26	0.00278	34.82	74821.37	0.00026	6.20	57.57	1009.36	6.24
4/29/2018	0.00028	1.81	0.0001	1.24	0.00272	34.06	75082.67	0.00072	5.87	57.96	1008.92	6.12

4/29/2018	0.00027	1.80	0.00011	1.39	0.00265	33.20	75716.90	0.0012	5.08	60.23	1008.31	6.00
4/29/2018	0.00032	1.80	0.00012	1.55	0.00263	32.90	76097.64	0.00091	4.59	60.07	1007.52	5.99
4/29/2018	0.00029	1.80	0.00014	1.71	0.00266	33.32	76657.55	0.00121	3.94	59.02	1007.43	6.01
4/29/2018	0.00029	1.82	0.00014	1.72	0.00267	33.50	76202.90	0.00076	4.47	56.20	1006.85	6.15
4/29/2018	0.00028	1.87	0.00015	1.87	0.00252	31.59	75251.66	0.00057	5.72	51.59	1006.80	6.59
4/30/2018	0.00032	1.91	0.00018	2.21	0.00209	26.24	74101.55	0.00123	7.15	48.31	1006.65	6.83
4/30/2018	0.00027	1.90	0.00017	2.15	0.00212	26.55	73538.12	0.00136	7.93	47.87	1006.64	6.76
4/30/2018	0.00028	1.90	0.00017	2.07	0.00211	26.48	72750.93	0.00123	8.88	46.01	1006.08	6.76
4/30/2018	0.00032	1.89	0.00015	1.92	0.00218	27.32	72702.31	0.0013	8.89	44.99	1005.62	6.68
4/30/2018	0.00029	1.88	0.00016	2.03	0.00213	26.66	72842.94	0.00177	8.76	45.69	1004.06	6.68
4/30/2018	0.00027	1.82	0.00012	1.61	0.00233	30.32	71674.71	0.00227	6.89	50.86	1003.09	6.14
4/30/2018	0.00027	1.79	0.00012	1.52	0.00253	31.72	75832.54	0.00193	5.05	56.27	1003.46	5.93
4/30/2018	0.00027	1.77	0.0001	1.26	0.00257	32.24	76399.12	0.00287	4.27	59.80	1005.66	5.72
4/30/2018	0.00027	1.77	0.00009	1.15	0.00261	32.73	76975.35	0.002	3.57	62.07	1007.54	5.74
4/30/2018	0.00027	1.77	0.00011	1.39	0.00274	34.40	77939.15	0.00141	2.34	63.21	1007.21	5.72
4/30/2018	0.00027	1.78	0.00012	1.52	0.00283	35.44	78073.42	0.00086	2.28	63.03	1007.37	5.79
4/30/2018	0.00027	1.79	0.00013	1.63	0.00273	34.23	77442.41	0.0007	2.98	61.26	1006.98	5.91
4/30/2018	0.00028	1.81	0.00013	1.68	0.00277	34.76	77016.80	0.00015	3.48	60.36	1006.66	6.09
4/30/2018	0.00028	1.81	0.00014	1.82	0.00276	34.58	76926.51	0.0002	3.70	59.47	1006.15	6.12
4/30/2018	0.00028	1.82	0.00014	1.73	0.00277	34.77	76654.01	0.00019	3.96	59.67	1005.83	6.18
4/30/2018	0.00028	1.83	0.00012	1.55	0.00276	34.61	76238.06	0.0002	4.62	59.00	1005.13	6.23
4/30/2018	0.00028	1.83	0.00011	1.40	0.00279	35.02	76128.90	0.00017	4.58	58.24	1004.66	6.24
4/30/2018	0.00028	1.83	0.00011	1.42	0.0028	35.03	76224.93	0.0002	4.61	58.03	1004.20	6.25
4/30/2018	0.00028	1.80	0.00011	1.41	0.00281	35.23	76427.30	0.00057	4.22	59.89	1003.72	6.03
4/30/2018	0.00027	1.79	0.00012	1.50	0.00274	34.39	76564.39	0.00094	4.01	61.56	1003.21	5.87
4/30/2018	0.00027	1.78	0.00014	1.70	0.00271	33.92	76983.89	0.00099	3.59	62.42	1002.70	5.86
4/30/2018	0.00028	1.79	0.00014	1.69	0.00265	33.19	76778.77	0.00126	3.85	62.00	1002.64	5.90
4/30/2018	0.00028	1.81	0.00014	1.77	0.00257	32.25	75865.83	0.00085	4.96	59.17	1002.70	6.11
4/30/2018	0.00028	1.88	0.00016	1.98	0.00233	29.22	73606.38	0.00073	7.81	51.50	1002.71	6.63
5/1/2018	0.00028	1.89	0.00017	2.08	0.00206	25.85	72362.52	0.00112	9.29	48.94	1002.54	6.71
	0.0002499	1.82	0.000145	1.91	0.00270907	35.31	71258.91		5.56	58.25	1007.19	6.16

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Data/Ora	Debit_uscat	NOx_cor	Pulberi_co r	SO2_cor	NOx_masa	Pulberi_ma sa	SO2_masa	Tempera tura	Presiune	Umiditate
	Nm3/h	mg/Nm3	mg/Nm3	mg/Nm3	tone/h	tone/h	tone/h	oC	mBar	%
5/1/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/2/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/3/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/4/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/5/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/6/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/7/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/8/2018 0:00	0	0	0	0	0	0	0	0	0	0
5/9/2018 0:00	282131	18.387	1.063	1.002	0.001	0	0	21.592	391.232	2.914
5/10/2018 0:00	249658	37.898	3.522	2.279	0.001	0	0	54.781	1001.43	8.934
5/11/2018 0:00	20926.5	31.37	2.068	1.819	0.001	0	0	53.022	1005.82	7.192
5/12/2018 0:00	21380.5	31.218	1.561	1.816	0.001	0	0	53.532	1006.41	5.066
5/13/2018 0:00	20585.2	29.043	3.069	1.813	0.001	0	0	51.764	1001.02	7.703
5/14/2018 0:00	20696.1	29.855	4.589	1.812	0.001	0	0	52.521	1004.6	7.87
5/15/2018 0:00	20404.1	29.665	1.967	1.807	0.001	0	0	53.936	1006.45	8.674
5/16/2018 0:00	20709.6	29.825	1.95	1.813	0.001	0	0	54.781	1001.61	8.101
5/17/2018 0:00	21031.6	29.916	1.469	1.814	0.001	0	0	53.019	1003.79	7.077
5/18/2018 0:00	20755.7	29.715	1.348	1.807	0.001	0	0	53.611	1001.36	7.944
5/19/2018 0:00	20761.9	29.606	1.626	1.803	0.001	0	0	54.806	1004.11	8.069
5/20/2018 0:00	20431	29.041	2.241	1.811	0.001	0	0	52.961	1007.5	9.444
5/21/2018 0:00	20847.1	30.289	2.795	1.813	0.001	0	0	53.333	1011.64	7.637
5/22/2018 0:00	21144.5	30.726	1.774	1.809	0.001	0	0	55.327	1010.62	6.011
5/23/2018 0:00	20567.7	30.811	1.722	1.806	0.001	0	0	55.792	1010.75	6.511
5/24/2018 0:00	20314.3	30.123	1.748	1.802	0.001	0	0	55.82	1007.35	7.329
5/25/2018 0:00	20128.5	29.535	1.734	1.806	0.001	0	0	54.957	1007.08	8.198
5/26/2018 0:00	20004.4	28.446	1.624	1.808	0.001	0	0	53.909	1011.25	8.937
5/27/2018 0:00	20149.5	28.172	1.458	1.815	0.001	0	0	52.406	1013.12	8.236
5/28/2018 0:00	20766.6	30.732	1.433	1.803	0.001	0	0	55.051	1013.19	5.883
5/29/2018 0:00	20990.8	31.409	1.453	1.793	0.001	0	0	57.666	1012.78	5.601
5/30/2018 0:00	21001.8	31.513	1.44	1.789	0.001	0	0	57.668	1009.84	5.857
5/31/2018 0:00	21071.2	31.693	1.445	1.799	0.001	0	0	56.102	1006.13	6.196
luna mai	31176.05161	22.2254194	1.4548065	1.3302903	0.001	0	0	39.30184	727.389742	5.33496774

Monitorizare iunie valori compensate validate

Data/Ora	Pulberi_cor mg/Nm3	SO2_cor mg/Nm3	Debit_uscat Nm3/h	NOx_cor mg/Nm3	CO_cor mg/Nm3
6/1/2018 0:00	1.644	1.809	20889.4	28.404	71.965
6/2/2018 0:00	1.796	1.811	20822.3	27.39	199.393
6/3/2018 0:00	1.797	1.804	19827	25.342	207.4
6/4/2018 0:00	1.816	1.803	20122.9	28.446	95.818
6/5/2018 0:00	1.283	1.809	20402.1	29.706	94.425
6/6/2018 0:00	1.46	1.819	20594.5	29.191	94.658
6/7/2018 0:00	1.306	1.821	20958.8	30.752	83.255
6/8/2018 0:00	1.599	1.819	20318	29.584	99.841
6/9/2018 0:00	0.855	1.787	20482.7	31.13	96.03
6/10/2018 0:00	1.079	1.817	19824.5	27.867	94.257
6/11/2018 0:00	1.177	1.809	19900.3	27.167	94.821
6/12/2018 0:00	1.519	1.806	19748.1	29.352	92.039
6/13/2018 0:00	1.156	1.808	19787.7	28.793	92.681
6/14/2018 0:00	1.014	1.805	17451.5	27.129	91.621
6/15/2018 0:00	1.543	1.791	19944.8	29.929	53.414
6/16/2018 0:00	1.134	1.792	18950.8	28.375	66.272
6/17/2018 0:00	9.89	1.801	19150.9	27.705	72.155
6/18/2018 0:00	5.187	1.795	19564.4	29.132	62.922
6/19/2018 0:00	1.669	1.801	20299.8	30.344	55.782
6/20/2018 0:00	0.858	1.799	20049.4	30.016	57.702
6/21/2018 0:00	0.477	1.801	20221.6	30.806	57.147
6/22/2018 0:00	0.265	1.833	19677.4	28.207	69.013
6/23/2018 0:00	1.498	1.826	20269	28.956	80.615
6/24/2018 0:00	1.854	1.822	20784.7	30.499	76.31
6/25/2018 0:00	1.227	1.82	20697.4	30.739	76.244
6/26/2018 0:00	1.194	1.819	20674.6	30.905	72.556
6/27/2018 0:00	1.556	1.816	19911.6	29.546	83.316
6/28/2018 0:00	1.603	1.793	16111.2	29.105	80.044
6/29/2018 0:00	1.471	1.801	17847.6	29.006	83.486
6/30/2018 0:00	1.749	1.808	19094.9	28.198	106.056
media lunara	1.755866667	1.808167	19812.66333	29.05737	88.707933

Iulie 2018 CET Iasi 1 date din monitorizare, compensate la conditiile standard

Data/Ora	Pulberi_cor mg/Nm3	SO2_cor mg/Nm3	Debit_uscat Nm3/h	NOx_cor mg/Nm3	CO_cor mg/Nm3
01.07.2018 00:00	1,936	1,814	19719,7	29,983	90,759
02.07.2018 00:00	1,151	1,817	20266	30,878	46,145
03.07.2018 00:00	0,11	0,156	1609,6	1,902	7,735
04.07.2018 00:00	0,208	1,28	51576,4	23,029	27,46
05.07.2018 00:00	0,446	1,849	71473,4	33,209	71,728
06.07.2018 00:00	0,196	1,833	72321,4	35,933	42,266
07.07.2018 00:00	0,597	1,815	70051,9	30,747	85,969
08.07.2018 00:00	1,3	1,801	68261,6	29,602	93,184
09.07.2018 00:00	1,298	1,801	68907,3	30,508	63,978
10.07.2018 00:00	1,978	1,798	68122,3	30,402	72,903
11.07.2018 00:00	1,564	1,794	69036,8	29,895	96,747
12.07.2018 00:00	1,63	1,836	59178,5	33,028	75,911
13.07.2018 00:00	1,701	1,856	8701,94	34,174	83,667
14.07.2018 00:00	0,685	1,858	3844,46	33,179	90,678
15.07.2018 00:00	1,144	1,863	7556,12	32,837	69,416
16.07.2018 00:00	2,197	1,89	9245,47	31,38	50,644
17.07.2018 00:00	1,288	1,992	10601,9	23,206	31,325
18.07.2018 00:00	0,711	1,843	60501,7	33,178	67,858
19.07.2018 00:00	1,949	1,847	65597,1	31,784	63,356
20.07.2018 00:00	1,177	1,868	66834,5	32,614	59,413
21.07.2018 00:00	1,78	1,862	67912	31,984	79,86
22.07.2018 00:00	0,71	1,858	65607,3	34,026	47,133
23.07.2018 00:00	0,674	1,851	34810,8	31,855	58,949
24.07.2018 00:00	0	1,796	17009,4	32,667	57,813
26.07.2018 00:00	1,439	1,829	15967,5	30,705	76,731
27.07.2018 00:00	1,108	1,81	17825,2	30,28	78,69
28.07.2018 00:00	2,748	1,798	17612,3	30,125	71,725
29.07.2018 00:00	2,527	1,789	15284,4	30,531	62,945
30.07.2018 00:00	2,472	1,795	15473,9	29,937	81,727
31.07.2018 00:00	1,534	1,781	14634,9	30,809	61,309
Media lunara	1,275266667	1,75933333	38518,193	30,146233	

august 2018 monitorizare CET 1

Data/Ora	NOx_cor mg/Nm3	Pulberi_cor mg/Nm3	SO2_cor mg/Nm3	CO2_cor %	Debit_uscat Nm3/h
01.08.2018 00:00	31,277	1,055	1,793	4,553	18537,9
02.08.2018 00:00	29,768	0,924	1,822	4,288	18883,7
03.08.2018 00:00	30,862	1,041	1,825	4,31	55825,2
04.08.2018 00:00	30,474	0,539	1,81	4,37	54641,6
05.08.2018 00:00	29,94	0,795	1,815	4,342	68554,2
06.08.2018 00:00	29,891	0,269	1,826	4,339	67632,6
07.08.2018 00:00	29,923	0,729	1,817	4,326	68408,4
08.08.2018 00:00	30,171	0,46	1,809	4,493	48381,5
09.08.2018 00:00	29,036	0,008	1,856	4,226	19101,1
10.08.2018 00:00	32,423	0	1,849	4,44	19671,2
11.08.2018 00:00	32,425	0,001	1,872	4,477	19640,8
12.08.2018 00:00	30,708	0,001	1,889	4,461	57309,5
13.08.2018 00:00	33,335	0,366	1,884	4,505	69010,6
14.08.2018 00:00	33,263	0,013	1,896	4,413	71398,1
15.08.2018 00:00	30,075	0,013	1,896	4,413	70298,1
16.08.2018 00:00	29,75	0,013	1,896	4,413	69275
17.08.2018 00:00	31,23	0,013	1,896	4,413	68356
18.08.2018 00:00	33,23	0,013	1,896	4,413	70290
19.08.2018 00:00	28,161	0,012	1,88	4,163	18364,1
20.08.2018 00:00	23,015	0,271	1,908	3,847	17277,4
21.08.2018 00:00	22,594	0,043	1,9	3,925	17339,6
22.08.2018 00:00	24,34	0,015	1,898	3,948	17654,7
23.08.2018 00:00	28,558	0,015	1,879	4,117	18881,5
24.08.2018 00:00	32,949	0,022	1,824	4,592	19867
25.08.2018 00:00	33,141	0,022	1,833	4,497	19971,9
26.08.2018 00:00	32,692	0,022	1,84	4,418	19444,2
27.08.2018 00:00	30,109	0,517	1,841	4,402	19033,2
28.08.2018 00:00	29,145	1,141	1,857	4,26	18990,5
29.08.2018 00:00	30,594	1,592	1,846	4,354	19430,4
30.08.2018 00:00	28,14	0,638	1,875	4,092	19301,7
MEDIE AUGUST EMISII COMPENSATE LA	30,04063333	0,3521	1,8576	4,327	38692,39
TONE AUGUST	1,162343901	0	0	0	

MONITORIZARE LUNA SEPTEMBRIE 2018, EMISII COMPENSATE

Data/Ora	Pulberi_cor mg/Nm3	SO2_cor mg/Nm3	Debit_uscat Nm3/h	NOx_cor mg/Nm3	Pulberi_masa tone/h	SO2_masa tone/h	NOx_masa tone/h	Umiditate %	Temperat oC	Presiune mBar
9/2/2018 0:00										
9/3/2018 0:00										
9/4/2018 0:00	0.01	1.811	73100.4	35.111	0	0	0.003	8.093	54.386	1001.62
9/5/2018 0:00	1.162	1.825	68236	30.505	0	0	0.002	14.089	49.833	1000.53
9/6/2018 0:00	2.02	1.821	58903.6	30.964	0	0	0.002	13.427	49.734	999.201
9/7/2018 0:00	2.263	1.815	27885.7	32.599	0	0	0.001	11.191	50.605	1000.39
9/8/2018 0:00	1.024	1.82	19836.6	32.05	0	0	0.001	10.764	49.461	1004.59
9/9/2018 0:00	1.188	1.819	19741.4	31.335	0	0	0.001	11.373	49.219	1006.27
9/10/2018 0:00	1.284	1.818	19464.9	32.802	0	0	0.001	12.478	49.899	1005.73
9/11/2018 0:00	4.163	1.814	19319.5	32.082	0	0	0.001	13.145	50.519	1007.68
9/12/2018 0:00	1.004	1.813	19667.3	33.041	0	0	0.001	11.847	51.867	1012.83
9/13/2018 0:00	0.418	1.819	19741.4	32.982	0	0	0.001	11.476	51.65	1009.47
9/14/2018 0:00	0.181	1.814	20132.1	33.267	0	0	0.001	10.383	52.643	1006.23
9/15/2018 0:00	0.142	1.807	20175.8	33.14	0	0	0.001	10.52	53.16	1005.7
9/16/2018 0:00	0.648	1.826	19931.1	32.552	0	0	0.001	11.589	50.05	1010.77
9/17/2018 0:00	0.261	1.851	20386.8	31.812	0	0	0.001	9.919	48.194	1015.46
9/18/2018 0:00	0.271	1.884	19768.7	28.132	0	0	0.001	12.471	45.368	1014.04
9/19/2018 0:00	0.105	1.884	19783.1	26.915	0	0	0.001	12.263	46.012	1013.06
9/20/2018 0:00	0.053	1.896	19882.9	26.855	0	0	0.001	11.803	45.623	1011.62
9/21/2018 0:00	0.148	1.899	19905.9	27.496	0	0	0.001	11.292	45.829	1009.56
9/22/2018 0:00	0.023	1.897	19693.2	26.113	0	0	0.001	12.144	45.428	1005.98
9/23/2018 0:00	0.38	1.899	19819.1	27.187	0	0	0.001	11.534	43.853	1008.65
9/24/2018 0:00	2.578	1.872	19063.6	27.383	0	0	0.001	14.364	44.283	1001.53
9/25/2018 0:00	scoasa din functie, infundata	1.887	19632.3	25.238	0	0	0.001	11.685	41.399	1013.33
9/26/2018 0:00		1.872	20374.3	26.88	0	0	0.001	8.347	43.177	1023.37
9/27/2018 0:00		1.857	20634	29.324	0	0	0.001	7.249	45.224	1018.92
9/28/2018 0:00		1.873	20001	29.967	0	0	0.001	10.555	46.811	1011.58
9/29/2018 0:00		1.86	20099.4	28.672	0	0	0.001	11.304	46.222	1007.68
9/30/2018 0:00		1.837	21046.5	31.908	0	0	0.001	6.924	48.678	1015.35
		1.847777778	25415.8	30.2337778	0	0	0.76841565			

MONITORIZARE LUNA octombrie 2018, EMISII COMPENSATE

Data/Ora	Pulberi_cor	SO2_cor	Debit_uscat	NOx_cor	Pulberi_masa	SC2_masa	NOx_masa	Umiditate	Temperatu	Presiune
	mg/Nm3	mg/Nm3	Nm3/h	mg/Nm3	tone/h	tone/h	tone/h	%	oC	mBar
10/1/2018 0:00	1.162	1.825	68236	30.505	0	0	0.002	14.089	49.833	1000.53
10/2/2018 0:00	1.02	1.821	58903.6	30.964	0	0	0.002	13.427	49.734	999.201
10/3/2018 0:00	1	1.815	27885.7	32.599	0	0	0.001	11.191	50.605	1000.39
10/4/2018 0:00	1.024	1.82	19836.6	32.05	0	0	0.001	10.764	49.461	1004.59
10/5/2018 0:00	1.188	1.819	19741.4	31.335	0	0	0.001	11.373	49.219	1006.27
10/6/2018 0:00	1.284	1.818	19464.9	32.802	0	0	0.001	12.478	49.899	1005.73
10/7/2018 0:00	1.023	1.814	19319.5	32.082	0	0	0.001	13.145	50.519	1007.68
10/8/2018 0:00	1.004	1.813	19667.3	33.041	0	0	0.001	11.847	51.857	1012.83
10/9/2018 0:00	0.418	1.819	19741.4	32.982	0	0	0.001	11.476	51.65	1009.47
media lunara	1.013666667	1.818222222	30310.71111	32.04	0	0	0.209			

Rezultate monitorizare ape

APA NOVA
BUCUREȘTI

Directia Managementul Calitatii si Mediului
Serviciul Control Calitate Ape Uzate
Laborator Control Calitate Ape Uzate
Str. Drumetului nr. 19, sector 3
Tel: 0374398850

acreditat pentru
INCERCARE

SR EN ISO/CEI 17025:2005
CERTIFICAT DE ACREDITARE
LI 300

Raport de incercare nr 22400 din 13/07/2018

Nume/adresa client: Veolia Energie Iasi S.A, Municipiul Iasi, Sos. Nationala nr. 43, Et.1, cam 19

Raportul de incercare a fost intocmit ca urmare a comenzii nr. 96/2018 din 02/07/2018

Natura probei: Apa uzata

1. Data si locul recoltarii: 29/06/2018, Gura de deversare din CET 1
2. Conditii meteorologice: uscat
3. Proba a fost recoltata de: Client
4. Data receptiei in laborator: 30/06/2018 12:00

Determinari organoleptice

- 1.*Culoare: incolor
- 2.*Miros: nedefinit
- 3.*Transparența: transparenta

DETERMINARI FIZICO-CHIMICE - Conform HGR 362/2005 // Acord de Preluare

Nr. crt.	Indicator de calitate	UM	Valori obtinute	Incertitudine extinsa relativa(=2)	Valori limite admise	Metoda de analiza
1*	Temperatura	°C	19	±10%	40.0	
2	Concentratia ionilor de hidrogen (pH) /temperatura(°C)	pH/Temp. (°C)	7.7/19.2	±10%	6.5-8.5	SR EN ISO 10623:2012
3	Materii in suspensie	mg/l	3	±15%	350.0	SR EN 872:2006
4	Consum biologic de oxigen la 5 zile	mg/l	(2.4) <3.0	±20%	300.0	SR EN 1899-1:2003; SR EN ISO 5814:2013
5	Consum chimic de oxigen - metoda cu dicromat de potasiu [CCO(Cr)]	mg/l	18	±10%	500.0	ISO 15705:2002
6	Amoniu	mg/l	(0.09) <0.1	±15%	30.0	SR ISO 7150-1:2001
7	Fosfor total (P)	mg/l	0.11	±10%	6.0	SR EN ISO 6878:2005
8	Substante extractibile cu solventi organici	mg/l	absent	±25%	30.0	SR 7587-96
9	Agentii de suprafata anionici	mg/l	0.18	±15%	25.0	SR EN 903:2003

* Indicatorii notati cu * NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam solicitati Certificatul de acreditare la iasu@apanovabucuresti.ro

• Rezultatele inregistrate in raportul de incercare se refera doar la proba supusa analizei.

• Rezultatele raportate in paranteze sunt sub limita de cuantificare a laboratorului si sunt estimative.

Alte observatii:

DETERMINARI FIZICO-CHIMICE efectuate de catre un laborator acreditat RENAR, extern ANB.

Valori inregistrate pentru indicatorii analizati sunt conform RI nr 2928 / data 13/07/2018, emisa de catre laboratorul GIVAROLI.

Nr. crt.	Indicator de calitate	UM	Valori obtinute	Incertitudine extinsa relativa(=2)	Valori limite admise	Metoda de analiza
1	Produse petroliere (Total hidrocarburi de petrol/indice de hidrocarburi)	mg/l	< 0.05	±15%	-	SR EN ISO 9377-2:2002
2	Sulfuri si hidrogen sulfurat	mg/l	< 0.02	±20%	1.0	SR ISO 10530:1997
3	Indice de fenol	mg/l	< 0.01	±15%	30.0	SR ISO 8439 : 2001

* Indicatorii notati cu * NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam solicitati Certificatul de acreditare la iasu@apanovabucuresti.ro

• Rezultatele inregistrate in raportul de incercare se refera doar la proba supusa analizei.

Alte observatii:

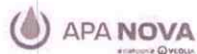
Sef laborator

APA NOVA
S.C. APA NOVA BUCUREȘTI S.A.
Laborator Control Calitate Ape Uzate

Intocmit
Raluca Huti


Formular cod LAU-F-PG-21-R1, Editia 5, Rev.1
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Exemplar.....12.....



Directia Managementul Calitatii si Mediului
Serviciul Control Calitatea Ape Uzate
Laborator Control Calitatea Ape Uzate
Str. Drumetului nr. 19, sector 3
Tel: 0374788950



Raport de incercare nr 28318 din 18/12/2018

Nume/adresa client: Veolia Energie Iasi S.A, Calea Chisinau 25, Etaj 2, Ap.1

Raportul de incercare a fost intocmit ca urmare a comenzii nr. 90/2018 din 02/07/2018

- Natura probei: Apa uzata
1. Data si locul recoltarii: 27/11/2018, Gura de deversare din CET 1
2. Conditii meteorologice: uscat
3. Proba a fost recoltata de:
4. Data inceperii in laborator: 12/12/2018 16:00

Determinat organoleptic
1.*Culoare: slab bej 2.*Miros: nedefinit 3.*Transparența: slab opalescenta

DETERMINARI FIZICO-CHEMICE - Conform HGR 352/2005 // Acord de Preluare

Nr. crt.	Indicator de calitate	UM	Valori obtinute	incertitudine extrinsa (relativ \times 2)	valori limita admise	Metoda de analiza
1*	Temperatura	°C	18	$\pm 10\%$	46.0	
2	pH	pHTemp. (°C)	7.7/16.3	$\pm 10\%$	0.5-8.5	SR EN ISO 10523:2012
3	Materii in suspensie	mg/l	6	$\pm 15\%$	350.0	SR EN 872: 2005
4	Consum biologic de oxigen la 5 zile	mg/l	20	$\pm 20\%$	300.0	SR EN 1899-1:2003; SR EN ISO 5814:2013
5	Consumul chimic de oxigen- Metoda tuburilor inchise	mg/l	78	$\pm 10\%$	500.0	ISO 15705:2002
6	Amoniu	mg/l	0.65	$\pm 15\%$	30.0	SR EN 1150-1:2001
7	Fosfor total (P)	mg/l	0.18	$\pm 10\%$	5.0	SR EN ISO 6676:2005
8	Substante extractibile cu solventi organici	mg/l	absent	$\pm 25\%$	30.0	SR 7587-96
9	Agenti de suprafata anionici	mg/l	(0.88) < 0.12	$\pm 15\%$	25.0	SR EN 903:2003

- * Indicatorii notati cu * NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam solicitati Certificatul de acreditare la relatii.clienti@apanovabucuresti.ro sau il puteti descarca de pe site-ul RENAR.
- * Rezultatele inscrise in raportul de incercare se refera doar la proba supusa analizei.
- * Rezultatele raportate in paranteze sunt sub limita de cuantificare a laboratorului si sunt estimative.

Alte observatii: Comanda VEI Nr. 18003837

DETERMINARI FIZICO-CHEMICE efectuate de catre un laborator acreditat RENAR, extern ANS.

Valorile inscrise pentru indicatorii analizati sunt conform RI nr 7347 / data 14/12/2018, emisa de catre laboratorul GVAROLI.

Nr. crt.	Indicator de calitate	UM	Valori obtinute	incertitudine extrinsa (relativ \times 2)	valori limita admise	Metoda de analiza
1	Probusa petroliera (Total hidrocarbur de petrol/indice de hidrocarburi)	mg/l	< 0.05	$\pm 15\%$	-	SR EN ISO 9377-2:2002
2	Sulfuri si hidrogen sulfurat	mg/l	< 0.02	$\pm 20\%$	1.0	SR ISO 16538:1997
3	Indice de fier	mg/l	< 0.01	$\pm 15\%$	30.0	SR ISO 6439: 2001

- * Indicatorii notati cu * NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam solicitati Certificatul de acreditare la relatii.clienti@apanovabucuresti.ro sau il puteti descarca de pe site-ul RENAR.
- * Rezultatele inscrise in raportul de incercare se refera doar la proba supusa analizei.

Alte observatii: Comanda VEI Nr. 18003837

Sef laborator
Cristina Stoiciu

APA NOVA
BUCURESTI S.A.
Laborator Control Calitatea Ape Uzate

Intocmit
Raluca Hultu

Raport de incercare nr 22393 din 13/07/2018
Numel/adresa client: Veolia Energie Iasi S.A, Municipiul Iasi, Sos. Nationala nr. 43, Et.1, cam 19

Raport de incercare a fost intocmit cu urmatoare comercial nr. 562018 din 02/07/2018
1. Data si locul incobarii: 28/06/2018, R1 - Puz petzinmetit din CET 1
2. Conditii meteorologice: uscat
3. Conditii de incalzire: fara
4. Data receptiei in laborator: 28/06/2018 12:00
Determinati organoleptice
1. -Culoare, sub lin; 2. -Miroz, neindiferent; 3. -Transparenza, sub opalescenta

DETERMINARI FIZICO-CHIMICE - Conform HGR 352/2005 // Acord de Preluare

nr. crt.	Indicador de calitate	Unitate	Rezultat obtinut	Limita maxima admisa (m/m)	Limita minima admisa (m/m)	Metoda de analiza
1	Concentratia oxigen de hidrogen (pH) (temperatura) (°C)	mg/l	7,319	15	20%	SR EN ISO 10333:2012
2	Conținut chimic de oxigen la 3 zile	mg/l	79	10%	20%	SR EN 19894:2002 SR EN ISO 15703:2002
3	Conținut chimic de oxigen - metoda cu seleniu de	mg/l	1,4	±15%	±15%	SR EN 15455:2001
4	Aciditate	mg/l	130	±15%	±15%	SR EN 14571:1993
5	Conductivitate	µS/cm	1634	±15%	±15%	SR EN 57248:1997
6	Conductivitate	µS/cm	1454	±15%	±15%	SR EN 57248:1997
7	Conductivitate	µS/cm	1454	±15%	±15%	SR EN 57248:1997
8	Conductivitate	µS/cm	1454	±15%	±15%	SR EN 57248:1997
9	Conductivitate	µS/cm	1454	±15%	±15%	SR EN 57248:1997

* Incalzirea incalzit cu NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam sa contactati Certificatul de acreditare la www.apanova.ro
* Rezultatele inregistrate in raportul de incercare se refera doar la proba supusa analizei.
Ati observati:

Sef laborator
S.C. APA NOVA BUCURESTI S.A.
Laborator Control Calitate Apa Uzata
Formular cod LAUF-PC-21-R, Editia 4, Rev. 1
Document printat prin sistemul de management al calitatii S.C. Apa Nova Bucuresti S.A.
Proprietarii prezenta data stampata de la incercarea laboratorului.

Intocmit de
Raluca Huber



Directia Managementul Calitatii si Modulului
Serviciul Control Calitate Apa Uzata
Laborator Control Calitate Apa Uzata
Str. Dnurelului nr. 19, sector 3
Tel: 0374398050



Raport de incercare nr 28317 din 18/12/2018

Nume/adresa client: Veolia Energie Iasi S.A, Calea Chisinau 25, Etaj 2, Ap.1

Raportul de incercare a fost intocmit ca urmare a comenzii nr. 96/2018 din 02/07/2018

- Natura probei: Apa uzata
1. Data si locul recoltarii: 27/11/2018, R9- Put piezometric din CET 1
2. Conditii meteorologice: uscat
3. Proba a fost recoltata de:
4. Data receptiei in laborator: 12/12/2018 16:00

Determinari organoleptice

- 1.*Culoare: slab bej 2.*Miro: nedefinit 3.*Transparenta: slab opalescenta

DETERMINARI FIZICO-CHIMICE - Conform HGR 362/2005 // Acord de Pretuare

Nr. crt.	Indicator de calitate	UM	Valori obtinute	Incertitudine extinsa relativa(%)	Valori limite admise	Metoda de analiza
1	pH	pH/Temp. (°C)	7.7/18.2	±10%	6.5-8.5	SR EN ISO 10523:2012
2	Consum biologic de oxigen la 5 zile	mg/l	18	±20%	25.0	SR EN 1898-1:2003; SR EN ISO 5814:2013
3	Consumul chimic de oxigen- Metoda tuburilor inchise	mg/l	69	±10%	125.0	ISO 15705:2002
4	Amoniu	mg/l	(0.01) <0.1	±15%	2.0	SR ISO 7150-1:2001
5	Sulfati	mg/l	151	±10%	600.0	MSZ 448/13-1983
6	Substante extractibile cu solventi organici	mg/l	absent	±25%	20.0	SR 7587-96
7	Cloruri	mg/l	125	±10%	300.0	SR ISO 9297:2001
8	Conductivitatea electrica	µS /cm	1508	±15%	-	SR EN 27888:1997
9	Reziduu total la 105°C	mg/l	928	±15%	2000.0	STAS 9187-84

- * Indicatorii notati cu * NU sunt acreditati RENAR. Pentru detalii suplimentare va rugam solicitati Certificatul de acreditare la relati-clienti@apanovabucuresti.ro sau il puteti descarca de pe site-ul RENAR.
- * Rezultatele inscise in raportul de incercare se refera doar la proba supusa analizei.
- * Rezultatele raportate in paranteze sunt sub limita de cuantificare a laboratorului si sunt estimative.

Alte observatii: Comanda VEI Nr.18003237

Sef laborator
Cristina-Border

APA NOVA
LABORATOR CONTROL CALITATE APA UZATA

APA NOVA BUCURESTI S.A.

Laborator Control Calitate Apa Uzata

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Intocmit
Raluca Hutu

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4. Consum materii prime

Consumul de gaze naturale al S.C. Veolia Energie IASI S.A. in anul 2018

															MII MC	
r. C	Locul de consum	Adresa	Catego	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL 12 luni
1	CET IIAȘI	Calea	B5	0.033	0.000	71.893	762.543	1382.288	1229.925	1182.959	1180.231	1397.137	1140.555	705.090	725.427	9778.081

Bilant ape

Balanta apei 2018

1. Volume de apa prelevate (mii mc)

Unitatea	Profilul activ / Scop utilizare	Sursa de apa		Luna	Luna	Luna	Luna	Luna	Luna	Total	Total	Total	Luna	Luna	Luna	Luna	Luna	Luna	Total	Total	Total	Total	Total		
		fel sursa	nume sursa	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	tr. 1 2018	tr. 2 2018	sem. I 2018	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	tr. 3 2018	tr. 4 2018	sem. I 2018	sem. II 2018	an 2018		
Unitatea CET IAȘII T / PE	potabila	subteran																							
		suprafata																							
		retea	APAVITAL	0.656	0.484	0.485	0.267	0.262	0.273	1.627	0.802	2.429	0.224	0.370	0.336	0.515	0.571	0.714	0.930	1.800	2.429	2.730	5.159		
	industriala	subteran																							
		suprafata																							
		retea	APAVITAL	1.670	0.580	1.120	21.520	36.600	31.030	3.370	89.150	92.520	30.366	27.790	30.653	16.930	10.270	7.977	88.809	35.177	92.520	123.966	216.506		
		recirculare		0.000	0.000	7.391	69.027	129.871	116.844	5.141	315.743	320.884	111.974	105.227	116.318	313.336	262.520	268.773	333.518	844.629	320.884	1178.147	1499.031		
		grad recirculare		0.0%	0.0%	86.8%	76.2%	78.0%	79.0%	60.4%	78.0%	77.6%	78.7%	79.1%	79.1%	94.9%	96.2%	97.1%	79.0%	96.0%	77.6%	90.5%	87.4%		

Bilant ape(2) –ape evacuate

2. Volume de apa evacuate (mii mc)

Unitatea	Profil activ. / Fel apa evac.	Sursa de apa		Luna	Luna	Luna	Luna	Luna	Luna	Total	Total	Total	Luna	Luna	Luna	Luna	Luna	Total	Total	Total	Total	Total		
		fel sursa	nume sursa	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	tr. 1 2018	tr. 2 2018	sem. I 2018	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	tr. 3 2018	tr. 4 2018	sem. I 2018	sem. II 2018	an 2018	
Unitatea CET IAȘI I T / PE	pobilia	subteran																						
		suprafata																						
		retea	APAVITAL	0.658	0.484	0.485	0.267	0.262	0.273	1.627	0.802	2.429	0.224	0.370	0.336	0.515	0.571	0.714	0.930	1.800	2.429	2.730	5.159	
	industriala	subteran																						
		suprafata																						
		retea	APAVITAL	0.851	0.226	0.437	8.393	14.274	12.102	1.314	34.769	36.083	11.843	10.838	11.955	6.603	4.005	3.111	6602.700	4005.300	36.083	48.355	84.437	

Gaze cu efect de sera – CAF-uri

	Vol (Sm.c.) la 15 grd.C	Vol (Nm.c.) la 0 grd.C (transformat la 0 grade)	Densitate (Kg/N m.c.)	Consum gaze (tone combustibil)	NCV (TJ / tone combust)	Factor Emisie (tone CO2 / TJ)	Factor Oxidare	Emisii totale CO2 (Tone CO2)
January	33.00	31	0.7706	0.024	0.0367350000	55.7400	1.000	0.05
February	0.00	0	0.7662	0.000	0.0367350000	55.7400	1.000	0.00
March	71,893.00	68,151	0.7672	52.285	0.0367350000	55.7400	1.000	107.06
April	762,543.00	722,848	0.8114	586.519	0.0367350000	55.7400	1.000	1,200.96
May	1,382,288.00	1,310,331	0.7524	985.893	0.0367350000	55.7400	1.000	2,018.72
June	1,229,925.00	1,165,900	0.8137	948.693	0.0367350000	55.7400	1.000	1,942.55
July	1,182,959.00	1,121,379	0.7673	860.434	0.0367350000	55.7400	1.000	1,761.83
August	1,180,231.00	1,118,793	0.7603	850.618	0.0367350000	55.7400	1.000	1,741.73
September	1,397,137.00	1,324,407	0.7779	1,030.256	0.0367350000	55.7400	1.000	2,109.56
October	1,140,555.00	1,081,182	0.7596	821.266	0.0367350000	55.7400	1.000	1,681.63
November	705,090.00	668,386	0.7617	509.109	0.0367350000	55.7400	1.000	1,042.46
December	725,427.00	687,664	0.7427	510.728	0.0367350000	55.7400	1.000	1,045.77
	9,778,081.00	9,269,071.06		7,155.8255				14,652.33

Gaze cu efect de sera- motor

	Vol (Sm.c.) la 15 grd.C	Vol (Nm.c.) la 0 grd.C (transformat la 0 grade)	Densitate (Kg/N m.c.)	Consum gaze (tone combustibil)	NCV (TJ / tone combust)	Factor Emisie (tone CO2 / TJ)	Factor Oxidare	Emisii totale CO2 (Tone CO2)
January	0.00	0	0.7706	0.000	0.0367350000	55.7400	1.000	0.00
February	0.00	0	0.7662	0.000	0.0367350000	55.7400	1.000	0.00
March	0.00	0	0.7672	0.000	0.0367350000	55.7400	1.000	0.00
April	0.00	0	0.8114	0.000	0.0367350000	55.7400	1.000	0.00
May	0.00	0	0.7524	0.000	0.0367350000	55.7400	1.000	0.00
June	0.00	0	0.8137	0.000	0.0367350000	55.7400	1.000	0.00
July	0.00	0	0.7673	0.000	0.0367350000	55.7400	1.000	0.00
August	141,125.00	133,779	0.7603	101.712	0.0367350000	55.7400	1.000	208.27
September	304,761.00	288,896	0.7779	224.732	0.0367350000	55.7400	1.000	460.16
October	725,180.00	687,430	0.7596	522.172	0.0367350000	55.7400	1.000	1,069.20
November	705,090.00	668,386	0.7617	509.109	0.0367350000	55.7400	1.000	1,042.46
December	725,427.00	687,664	0.7427	510.728	0.0367350000	55.7400	1.000	1,045.77
	2,601,583.00	2,466,154.42		1,868.4534				3,825.86

5. Utilizarea eficienta a energiei

CET Iași I fiind o centrală pe gaze naturale, respecta una din cele mai importante masuri BAT in ceea ce priveste eficienta energetica, deoarece centrala a fost modernizata .

Alimentarea cu energie electrica a CET Iasi 1 se realizeaza din productia proprie, deci din surse proprii. In cazul in care CET Iasi 1 nu functioneaza, alimentarea se face prin transformatoarele TRAFU nr. 1, 2 si 5 de 25 MVA.

Eficienta energetica pentru CET Iasi / 2018-

Combustibil	Consum, mc	Putere calorifica, kcal/mc	Caldura cedata Gcal
Gaz metan	9778081	8207,61	97780.081
TOTAL caldura cedata apei din cazan			97780.081

Energie termica produsa	64727,032 Gcal	64727,032
TOTAL energie produsa		64727,032

Energie livrata / Caldura cedata = $64727,032 \text{ Gcal} / 97780.081 = 0.66$

Eficienta energetica pentru anul 2018 = $0.66 * 100 = 66\%$

Productii energie electrica si termica 2018			
Energie electrica produsa	CET 1	MWh	11163.909
Energie termica produsa	CET 1	Gcal	64727.032