

# MONITORIZAREA CALITATII AERULUI – SISTEME AUTOMATE DE MONITORIZARE APARTINAND OPERATORILOR ECONOMICI

## 1. S.C Unilever Romania S.A. (punct monitorizare Scoala Grigore Moisil Ploiesti)

08.10.2019	
Data Ora	Pulberi, µg/m <sup>3</sup>
2019-10-08 00:00:00	12.65
2019-10-08 01:00:00	12.65
2019-10-08 02:00:00	12.65
2019-10-08 03:00:00	12.65
2019-10-08 04:00:00	12.65
2019-10-08 05:00:00	12.30
2019-10-08 06:00:00	7.38
2019-10-08 07:00:00	7.38
2019-10-08 08:00:00	7.38
2019-10-08 09:00:00	7.38
2019-10-08 10:00:00	7.38
2019-10-08 11:00:00	8.00
2019-10-08 12:00:00	14.74
2019-10-08 13:00:00	14.74
2019-10-08 14:00:00	14.74
2019-10-08 15:00:00	17.55
2019-10-08 16:00:00	14.74
2019-10-08 17:00:00	15.02
2019-10-08 18:00:00	17.54
2019-10-08 19:00:00	17.54
2019-10-08 20:00:00	17.54
2019-10-08 21:00:00	17.54
2019-10-08 22:00:00	17.54
2019-10-08 23:00:00	17.98

## 2.SC PETROTEL LUKOIL SA punct monitorizare Club Laguna -

08.10.2019						
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Etilbenzen (ug/m3)	Xileni (ug/m3)	SO2 (ug/m3)	Pulberi (ug/m3)
2019-10-08 00:00:00	0.53	0.34	0.00	0.16	0.78	9.10
2019-10-08 01:00:00	0.52	0.12	0.00	0.09	0.04	9.10
2019-10-08 02:00:00	0.57	0.27	0.00	0.00	0.00	9.10
2019-10-08 03:00:00	0.56	0.42	0.00	0.00	0.00	9.10
2019-10-08 04:00:00	0.37	0.21	0.00	0.00	0.23	8.67
2019-10-08 05:00:00	0.28	0.00	0.00	0.00	0.03	8.42
2019-10-08 06:00:00	0.25	0.02	0.00	0.01	0.12	8.42
2019-10-08 07:00:00	0.80	0.47	0.00	0.08	0.04	8.42
2019-10-08 08:00:00	0.31	0.12	0.00	0.00	0.03	8.42
2019-10-08 09:00:00	0.21	0.00	0.00	0.20	0.13	8.42
2019-10-08 10:00:00	0.44	1.55	0.00	0.24	8.26	10.15
2019-10-08 11:00:00	0.23	0.97	0.00	0.00	2.04	11.06
2019-10-08 12:00:00	0.20	0.85	0.27	0.36	1.75	11.06
2019-10-08 13:00:00	0.35	0.66	0.44	0.52	0.00	11.06
2019-10-08 14:00:00	0.84	1.66	0.00	0.04	0.01	11.06
2019-10-08 15:00:00	0.76	1.36	0.25	0.18	0.55	11.06
2019-10-08 16:00:00	0.41	1.30	2.43	1.83	0.33	10.96
2019-10-08 17:00:00	0.26	0.67	0.00	0.00	2.53	10.90
2019-10-08 18:00:00	0.32	0.73	0.00	0.04	2.31	10.90
2019-10-08 19:00:00	0.70	2.10	0.08	0.52	1.56	10.89
2019-10-08 20:00:00	1.94	3.94	1.56	1.55	0.59	10.89
2019-10-08 21:00:00	2.69	4.05	1.13	1.24	0.30	10.89
2019-10-08 22:00:00	5.70	5.31	1.45	1.42	0.16	22.78
2019-10-08 23:00:00	8.77	6.41	1.90	1.77	0.02	28.01

**08.10.2019**

<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-08 00:00:00	0.40
2019-10-08 00:30:00	0.20
2019-10-08 01:00:00	0.02
2019-10-08 01:30:00	0.00
2019-10-08 02:00:00	0.01
2019-10-08 02:30:00	0.02
2019-10-08 03:00:00	0.04
2019-10-08 03:30:00	0.01
2019-10-08 04:00:00	0.00
2019-10-08 04:30:00	0.00
2019-10-08 05:00:00	0.00
2019-10-08 05:30:00	0.00
2019-10-08 06:00:00	0.00
2019-10-08 06:30:00	0.00
2019-10-08 07:00:00	0.00
2019-10-08 07:30:00	0.00
2019-10-08 08:00:00	0.02
2019-10-08 08:30:00	0.00
2019-10-08 09:00:00	0.00
2019-10-08 09:30:00	0.00
2019-10-08 10:00:00	0.02
2019-10-08 10:30:00	0.01
2019-10-08 11:00:00	0.01
2019-10-08 11:30:00	0.02
2019-10-08 12:00:00	0.17
2019-10-08 12:30:00	0.01
2019-10-08 13:00:00	0.00
2019-10-08 13:30:00	0.00
2019-10-08 14:00:00	0.00
2019-10-08 14:30:00	0.00
2019-10-08 15:00:00	0.00
2019-10-08 15:30:00	0.00
2019-10-08 16:00:00	0.00
2019-10-08 16:30:00	0.00
2019-10-08 17:00:00	0.00
2019-10-08 17:30:00	0.00
2019-10-08 18:00:00	0.00
2019-10-08 18:30:00	0.00
2019-10-08 19:00:00	0.00
2019-10-08 19:30:00	0.00
2019-10-08 20:00:00	0.01
2019-10-08 20:30:00	0.05
2019-10-08 21:00:00	0.05
2019-10-08 21:30:00	0.11
2019-10-08 22:00:00	0.30
2019-10-08 22:30:00	0.05
2019-10-08 23:00:00	0.04
2019-10-08 23:30:00	0.03

**3.SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti  
(punct monitorizare SC ATM CONSTRCT SRL)**

<b>08.10.2019</b>	
<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-08 00:30	2.196
2019-10-08 01:00	2.269
2019-10-08 01:30	2.010
2019-10-08 02:00	2.477
2019-10-08 02:30	2.000
2019-10-08 03:00	2.089
2019-10-08 03:30	2.726
2019-10-08 04:00	1.926
2019-10-08 04:30	2.167
2019-10-08 05:00	2.123
2019-10-08 05:30	2.185
2019-10-08 06:00	2.135
2019-10-08 06:30	2.404
2019-10-08 07:00	2.183
2019-10-08 07:30	2.386
2019-10-08 08:00	1.898
2019-10-08 08:30	2.118
2019-10-08 09:00	2.412
2019-10-08 09:30	2.295
2019-10-08 10:00	2.171
2019-10-08 10:30	2.453
2019-10-08 11:00	2.713
2019-10-08 11:30	2.881
2019-10-08 12:00	2.663
2019-10-08 12:30	2.859
2019-10-08 13:00	2.385
2019-10-08 13:30	2.210
2019-10-08 14:00	2.533
2019-10-08 14:30	2.347
2019-10-08 15:00	2.225
2019-10-08 15:30	1.916
2019-10-08 16:00	2.163
2019-10-08 16:30	2.064
2019-10-08 17:00	2.500
2019-10-08 17:30	2.445
2019-10-08 18:00	2.300
2019-10-08 18:30	2.252
2019-10-08 19:00	2.262
2019-10-08 19:30	2.748
2019-10-08 20:00	2.769
2019-10-08 20:30	2.789
2019-10-08 21:00	2.819
2019-10-08 21:30	2.965
2019-10-08 22:00	2.869
2019-10-08 22:30	2.845
2019-10-08 23:00	3.112
2019-10-08 23:30	2.995
2019-10-08 24:00	3.670

<b>08.10.2019</b>				
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Bioxid de sulf (ug/m3)	Pulberi (ug/m3)
2019-10-08 01	2.068	1.162	4.772	14.838
2019-10-08 02	0.919	0.856	4.533	11.745
2019-10-08 03	0.962	1.565	4.750	12.073
2019-10-08 04	1.012	1.007	4.566	11.867
2019-10-08 05	1.334	1.658	4.375	11.970
2019-10-08 06	1.047	1.940	4.347	11.128
2019-10-08 07	1.524	0.976	4.132	11.874
2019-10-08 08	0.884	0.964	4.336	12.074
2019-10-08 09	0.603	0.929	4.376	12.397
2019-10-08 10	0.838	1.202	4.456	13.540
2019-10-08 11	0.999	1.129	12.278	13.326
2019-10-08 12	0.699	3.322	14.362	14.328
2019-10-08 13	0.747	1.239	12.643	14.786
2019-10-08 14	0.764	0.848	5.280	14.904
2019-10-08 15	1.254	0.930	5.952	14.269
2019-10-08 16	0.894	2.768	6.080	13.963
2019-10-08 17	0.654	0.923	6.555	14.836
2019-10-08 18	1.036	0.725	8.141	18.074
2019-10-08 19	1.305	1.019	7.962	26.039
2019-10-08 20	1.116	1.712	6.889	27.642
2019-10-08 21	1.538	1.678	6.721	38.964
2019-10-08 22	2.989	3.351	6.781	40.018
2019-10-08 23	3.640	5.197	6.776	40.662
2019-10-08 24	2.657	4.411	6.110	39.307

**SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti**  
**(punct monitorizare sat Tintareni )**

<b>08.10.2019</b>	
<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-08 00:30	1.858
2019-10-08 01:00	1.190
2019-10-08 01:30	1.107
2019-10-08 02:00	1.886
2019-10-08 02:30	1.523
2019-10-08 03:00	1.512
2019-10-08 03:30	1.684
2019-10-08 04:00	1.929
2019-10-08 04:30	1.560
2019-10-08 05:00	1.701
2019-10-08 05:30	1.240
2019-10-08 06:00	1.618
2019-10-08 06:30	1.112
2019-10-08 07:00	1.190
2019-10-08 07:30	0.964
2019-10-08 08:00	1.511
2019-10-08 08:30	1.612
2019-10-08 09:00	1.486
2019-10-08 09:30	1.271
2019-10-08 10:00	1.602
2019-10-08 10:30	1.105
2019-10-08 11:00	1.397
2019-10-08 11:30	1.330
2019-10-08 12:00	1.503
2019-10-08 12:30	2.251
2019-10-08 13:00	1.861
2019-10-08 13:30	1.097
2019-10-08 14:00	1.635
2019-10-08 14:30	1.256
2019-10-08 15:00	1.306
2019-10-08 15:30	1.082
2019-10-08 16:00	1.130
2019-10-08 16:30	1.477
2019-10-08 17:00	1.829
2019-10-08 17:30	1.378
2019-10-08 18:00	1.718
2019-10-08 18:30	1.383
2019-10-08 19:00	1.562
2019-10-08 19:30	1.680
2019-10-08 20:00	1.786
2019-10-08 20:30	1.676
2019-10-08 21:00	1.679
2019-10-08 21:30	1.589
2019-10-08 22:00	1.258
2019-10-08 22:30	1.787
2019-10-08 23:00	1.841
2019-10-08 23:30	3.458
2019-10-08 24:00	3.183

<b>08.10.2019</b>				
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Bioxid de sulf (ug/m3)	Pulberi (ug/m3)
2019-10-08 01	1.004	0.839	1.705	11.001
2019-10-08 02	3.437	2.989	1.475	11.488
2019-10-08 03	1.565	1.016	0.949	12.465
2019-10-08 04	1.004	0.794	1.122	11.221
2019-10-08 05	0.904	0.940	1.169	11.087
2019-10-08 06	0.840	0.558	1.161	11.201
2019-10-08 07	0.752	0.808	1.131	10.574
2019-10-08 08	1.037	0.732	1.219	12.053
2019-10-08 09	1.512	0.764	1.805	17.901
2019-10-08 10	1.671	0.829	1.789	16.992
2019-10-08 11	0.880	0.769	3.365	12.731
2019-10-08 12	0.857	0.948	2.955	15.442
2019-10-08 13	1.048	1.534	8.615	15.465
2019-10-08 14	0.976	1.323	3.831	15.523
2019-10-08 15	1.436	0.884	3.004	13.662
2019-10-08 16	1.077	0.843	2.247	11.621
2019-10-08 17	0.792	0.852	3.165	12.613
2019-10-08 18	0.699	0.473	6.085	15.557
2019-10-08 19	0.700	0.741	4.227	20.607
2019-10-08 20	1.456	8.687	3.179	29.326
2019-10-08 21	1.120	1.808	2.906	31.706
2019-10-08 22	1.611	2.578	3.042	39.888
2019-10-08 23	2.022	3.686	3.021	39.793
2019-10-08 24	3.157	2.994	2.899	59.115