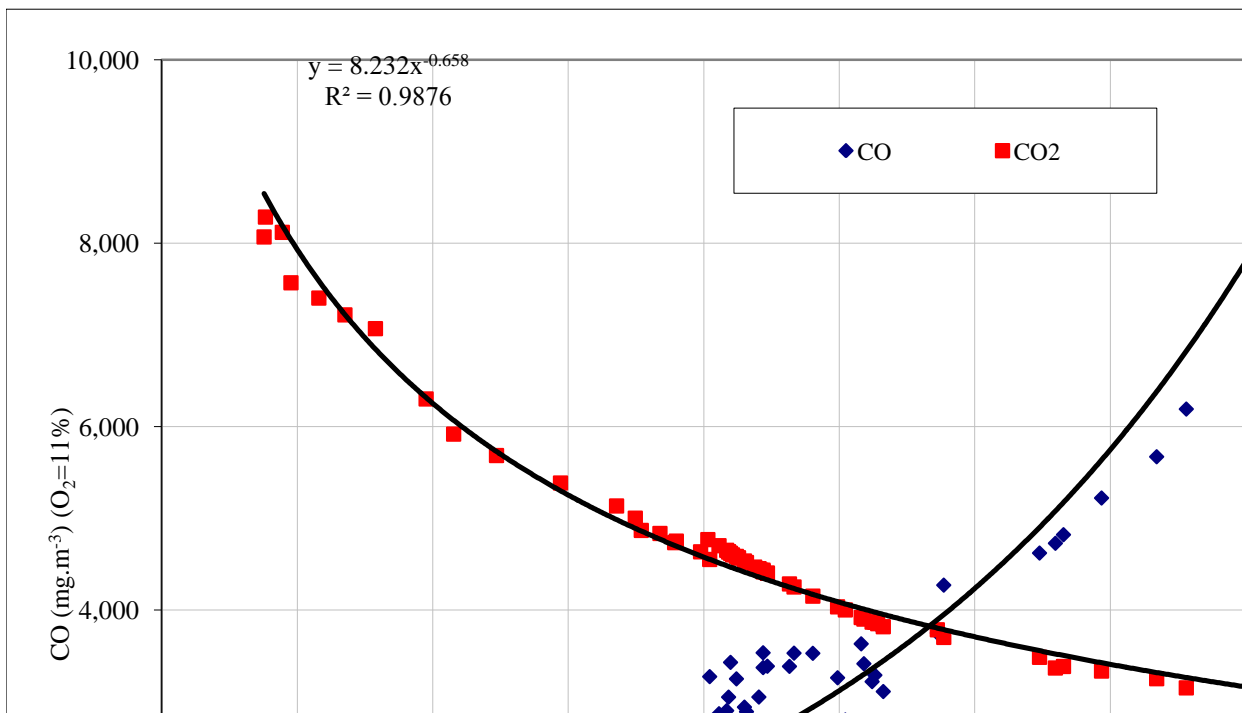


$CO_{2max}$	Theoretical volume	20.1					
$V^s_{smin}$	Theoretical volume	6.89					
$L_{min}$	The theoretical volume	7.05					
Number of measurements	Time	Date	T_ok °C	$(x_i-x)^2$	T_pl °C	$(x_i-x)^2$	O <sub>2</sub> %
1	10:13:14		44	0.81581686	226.6	88.1478694	10.83
2	10:14:14		44	0.81581686	224.8	125.187224	10.78
3	10:15:14		44	0.81581686	224.7	127.434966	11.41
4	10:16:14		44	0.81581686	226.6	88.1478694	11.68
5	10:17:14		44	0.81581686	226.8	84.4323855	12.46
6	10:18:14		44	0.81581686	226.2	95.8188371	13.08
7	10:19:14		44	0.81581686	228.5	56.0807726	13.7
8	10:20:14		44	0.81581686	229.1	47.454321	14.54
9	10:21:14		44	0.81581686	229	48.842063	14.92
10	10:22:14		44	0.81581686	231.4	21.0562565	15.43
11	10:23:14		44	0.81581686	231.7	18.3930307	16.05
12	10:24:14		44	0.81581686	233.1	8.3446436	16.49
13	10:25:14		44	0.81581686	232.4	12.8788371	17.12
14	10:26:14		44	0.81581686	233.5	6.19367586	17.36
15	10:27:14		42	1.20291363	240	16.0904501	17.69
16	10:28:14		42	1.20291363	241	25.1130307	17.83
17	10:29:14		42	1.20291363	243	49.158192	18.36
18	10:30:14		42	1.20291363	235	0.97754683	16.78
19	10:31:14		42	1.20291363	233.7	5.23819199	16.62
20	10:55:14		42	1.20291363	234.9	1.18528876	16.88
21	10:56:14		42	1.20291363	233.3	7.22915973	16.66
22	10:57:14		43	0.00936524	237	1.02270812	16.87
23	10:58:14		43	0.00936524	238	4.04528876	17.02
24	10:59:14		43	0.00936524	240	16.0904501	17.22
25	11:00:14		43	0.00936524	240	16.0904501	17.06
26	11:01:14		43	0.00936524	234.7	1.66077263	17.19
27	11:02:14		43	0.00936524	236.9	0.83045005	17.3
28	11:03:14		43	0.00936524	238	4.04528876	17.32
29	11:04:14		43	0.00936524	235.7	0.08335328	17.22
30	11:05:14		43	0.00936524	235.9	0.00786941	17.17
31	11:06:14		43	0.00936524	237.2	1.46722425	17.33
32	11:07:14		43	0.00936524	235.4	0.34657908	17.16
33	11:08:14		43	0.00936524	237.4	1.99174037	17.25
34	11:09:14		43	0.00936524	240.1	16.9027081	17.21
35	11:10:14		43	0.00936524	235.7	0.08335328	17.18
36	11:11:14		43	0.00936524	235.7	0.08335328	17.07
37	11:12:14		43	0.00936524	236.7	0.50593392	17.17
38	11:13:14		43	0.00936524	238.8	7.90335328	17.32
39	11:14:14		43	0.00936524	240	16.0904501	17.34
40	11:15:14		43	0.00936524	239	9.06786941	17.26
41	11:17:14		43	0.00936524	239	9.06786941	17.36
42	11:18:14		43	0.00936524	239	9.06786941	17.34
43	12:18:14		43	0.00936524	240.3	18.5872242	18.34
44	13:18:14		43	0.00936524	235	0.97754683	17.34
45	11:19:14		43	0.00936524	235	0.97754683	17.46
46	11:20:14		43	0.00936524	237	1.02270812	17.48
47	11:21:14		43	0.00936524	235	0.97754683	17.56
48	11:22:14		43	0.00936524	236.5	0.26141779	17.81

49	11:23:14	43	0.00936524	236.2	0.0446436	17.79
50	11:24:14	43	0.00936524	239	9.06786941	17.8
51	11:25:14	43	0.00936524	238	4.04528876	17.8
52	11:26:14	42	1.20291363	239	9.06786941	18.01
53	11:27:14	42	1.20291363	239	9.06786941	18.3
54	11:28:14	42	1.20291363	241.5	30.374321	18.45
55	11:29:14	43	0.00936524	241.9	34.9433533	18.63
56	11:30:14	43	0.00936524	242.5	42.3969017	18.57
57	11:31:14	43	0.00936524	245.1	83.0156113	18.87
58	11:32:14	43	0.00936524	245.8	96.2614178	18.91
59	11:33:14	43	0.00936524	239	9.06786941	18.03
60	11:34:14	43	0.00936524	237	1.02270812	17.76
61	11:35:14	44	0.81581686	236	0.00012747	17.75
62	11:36:14	44	0.81581686	237	1.02270812	17.66

Number of measurements	Time	Date	T_ok °C	T_pl °C	O <sub>2</sub> %
Average			43.09677419	235.98871	16.7475806
s <sup>2</sup>			0.416710735	22.9846245	3.65358258
Sum			25.41935484	1402.0621	222.868537
s			0.645531359	4.79422825	1.91143469
V			0.014978647	0.0203155	0.11413199
Confident interval +/-			0.163965129	1.21773519	0.4855049
2			44	245.8	18.91
			42	224.7	10.78

	T_ok °C	T_pl °C	O <sub>2</sub> %	n z O <sub>2</sub> 0.000	CO <sub>2</sub> %	n z CO <sub>2</sub> 0.000
Average	43.097	235.989	16.748	5.625	2.825	7.383
s <sup>2</sup>	0.417	22.985	3.654	3.032	0.565	2.676
s	0.646	4.794	1.911	1.741	0.752	1.636
V	0.015	0.020	0.114	0.310	0.266	0.222
Max.	44.000	245.800	18.910	10.048	4.970	11.248
Min.	42.000	224.700	10.780	2.055	1.750	3.975



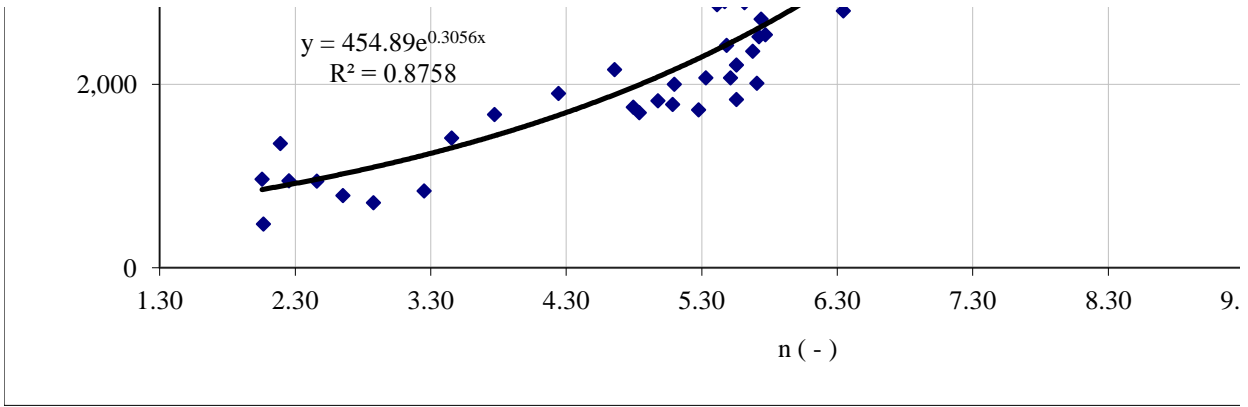


Figure 1. Emission concentration of CO and CO<sub>2</sub> depending on the Excess air ratio during Jatropha pellet

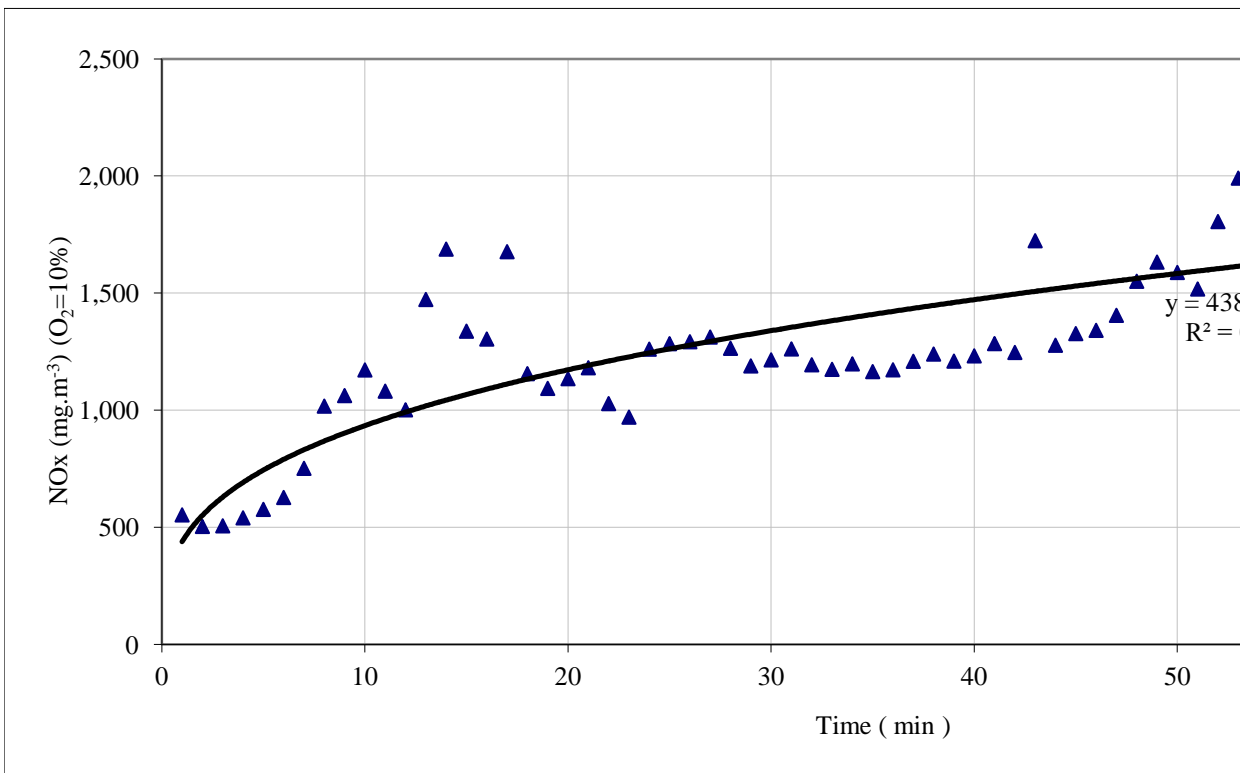


Figure 3. Concentration of Nox depending on time

$(x_i - \bar{x})^2$	n z O <sub>2</sub>	$(x_i - \bar{x})^2$	CO <sub>2</sub>	$(x_i - \bar{x})^2$	n z CO <sub>2</sub>	$(x_i - \bar{x})^2$	CO
			%				ppm
35.01776069	2.06	12.67652743	4.97	4.603101041	3.975175878	11.61498246	352
35.61201876	2.05	12.7485657	4.84	4.062175234	4.081337553	10.90263863	717
28.48976714	2.19	11.80284484	4.87	4.184004266	4.056335649	11.06837202	944
25.6803736	2.25	11.37098424	4.54	2.942884912	4.34952979	9.203470096	642
18.38334779	2.46	10.02540182	4.44	2.609788137	4.446981024	8.621686909	586
13.45114779	2.65	8.843443234	4.33	2.266481686	4.55937628	7.974273759	453
9.287747789	2.88	7.554777543	4.24	2.003594589	4.655673759	7.439682748	376
4.873412305	3.25	5.63841121	3.78	0.912949428	5.219475402	4.681928915	393
3.340051015	3.45	4.714806502	3.55	0.526326847	5.556168215	3.338234947	625
1.736018757	3.77	3.441434598	3.41	0.342791363	5.783348932	2.559689643	1326
0.486618757	4.24	1.912367175	3.23	0.16441717	6.104376084	1.635523461	1815
0.066347789	4.66	0.9389389	3.08	0.065272008	6.400561849	0.965679819	1047
0.138696176	5.41	0.045342061	2.82	2.03954E-05	6.988592123	0.155756373	809
0.375057466	5.77	0.020713796	2.64	0.034046202	7.463539652	0.006446116	457
0.88815424	6.34	0.517109109	2.4	0.180213944	8.207624113	0.679589476	466
1.17163166	6.62	0.998596075	2.29	0.285707492	8.600786646	1.482390753	346
2.599896176	7.95	5.425347646	2.03	0.631255879	9.699458477	5.364812712	373
0.001051015	4.98	0.421206931	2.9	0.005697815	6.796429445	0.344360644	242
0.016276821	4.79	0.690207603	3	0.030794589	6.570638298	0.660340935	357
0.017534886	5.10	0.279016906	2.85	0.000649428	6.915266891	0.219010009	410
0.007670369	4.84	0.618736743	2.92	0.00911717	6.750034004	0.400964958	356
0.014986498	5.08	0.29220741	2.84	0.00023975	6.93953651	0.196883385	427
0.074212305	5.28	0.121749338	2.78	0.001981686	7.088820858	0.086689663	498
0.223180047	5.56	0.004865388	2.74	0.007142976	7.19197598	0.036586494	407
0.097605853	5.33	0.087236731	2.86	0.001259105	6.891166989	0.242147601	312
0.195734886	5.51	0.012881538	2.76	0.004162331	7.140024669	0.059159507	330
0.305167144	5.68	0.002536914	2.68	0.020884912	7.35248227	0.000946773	383
0.327663918	5.71	0.00659569	2.67	0.023875234	7.379934656	1.10044E-05	538
0.223180047	5.56	0.004865388	2.74	0.007142976	7.19197598	0.036586494	504
0.178438111	5.48	0.020243361	2.78	0.001981686	7.088820858	0.086689663	675
0.339212305	5.72	0.00936307	2.66	0.027065557	7.407593452	0.000592509	672
0.170089724	5.47	0.024510372	2.79	0.001191363	7.063494242	0.102244987	810
0.252425208	5.60	0.000640489	2.72	0.010923621	7.244691281	0.019199057	1027
0.21383166	5.54	0.007125181	2.75	0.005552653	7.165905867	0.047239316	895
0.186986498	5.50	0.016364982	2.77	0.002972008	7.114330338	0.07231883	952
0.10395424	5.34	0.079409232	2.73	0.008933299	7.218237082	0.027229904	935
0.178438111	5.48	0.020243361	2.78	0.001981686	7.088820858	0.086689663	849
0.327663918	5.71	0.00659569	2.67	0.023875234	7.379934656	1.10044E-05	816
0.350960692	5.74	0.012633093	2.65	0.030455879	7.435460993	0.002725785	1087
0.262573595	5.61	0.000106804	2.71	0.013113944	7.271340713	0.012524123	1011
0.375057466	5.77	0.020713796	2.64	0.034046202	7.463539652	0.006446116	896
0.350960692	5.74	0.012633093	2.65	0.030455879	7.435460993	0.002725785	940
2.535799402	7.89	5.150307782	2.02	0.647246202	9.747363247	5.58902226	914
0.350960692	5.74	0.012633093	2.66	0.027065557	7.407593452	0.000592509	897
0.507541337	5.93	0.09418485	2.57	0.06477846	7.666208571	0.080064454	871
0.536438111	5.97	0.11600918	2.55	0.075359105	7.726157697	0.117584357	903
0.660025208	6.10	0.229769976	2.49	0.111901041	7.911783303	0.279345399	882
1.128734886	6.58	0.917312288	2.31	0.264726847	8.526517454	1.30705603	995

1.086638111	6.54	0.84042724	2.32	0.254536524	8.489863047	1.224588137	751
1.107586498	6.56	0.878329056	2.32	0.254536524	8.489863047	1.224588137	765
1.107586498	6.56	0.878329056	2.32	0.254536524	8.489863047	1.224588137	901
1.593702627	7.02	1.954693352	2.27	0.307488137	8.676364545	1.672140203	815
2.410005853	7.78	4.63312663	2.09	0.539513944	9.421656656	4.155093777	685
2.89823166	8.24	6.812028124	2	0.679826847	9.844609929	6.058283138	808
3.543502627	8.86	10.4681471	1.89	0.873320395	10.41625577	9.199112214	940
3.321212305	8.64	9.100282332	1.95	0.76477846	10.0964539	7.361464866	784
4.504663918	9.86	17.92546078	1.75	1.154584912	11.24774063	14.9342728	801
4.676057466	10.05	19.55885123	1.78	1.091013944	11.05855447	13.50784864	1017
1.644599402	7.07	2.0891788	2.22	0.36543975	8.871267012	2.214188846	922
1.02499295	6.48	0.733033224	2.34	0.234755879	8.41749409	1.069656819	804
1.004844563	6.46	0.699281574	2.35	0.225165557	8.381771541	0.997041388	1082
0.832509079	6.29	0.438399269	2.42	0.163633299	8.139980072	0.572637461	1199
	n z O <sub>2</sub>		CO <sub>2</sub>		n z CO <sub>2</sub>		CO
			%				ppm

5.625307887

2.82451613

7.383251943

738.580645

3.032427638

0.5651596

2.675977912

86904.9032

184.9780859

34.4747355

163.2346526

5301199.1

1.7413867

0.75177097

1.635841653

294.796376

0.309562914

0.26615921

0.221561131

0.39913905

0.442312664

0.19095002

0.415504195

74.8783543

10.04784689

4.97

11.24774063

1815

2.054794521

1.75

3.975175878

242

CO

CO

CO (O<sub>2</sub>=10%)

NO

NO

NO (O<sub>2</sub>=10%)NO<sub>2</sub>NO<sub>2</sub>

ppm

mg.m-3

mg.m-3

ppm

mg.m-3

mg.m-3

ppm

mg.m-3

738.581

923.556

2923.314

216.677

290.160

847.899

2.113

5.162

86904.903

135885.921

2287845.229

551.632

989.231

69269.073

0.266

46.313

294.796

368.627

1512.562

23.487

31.452

263.190

0.515

6.805

0.399

0.399

0.517

0.108

0.108

0.310

0.244

1.318

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385.671

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4.000

57.274

242.000

302.608

476.080

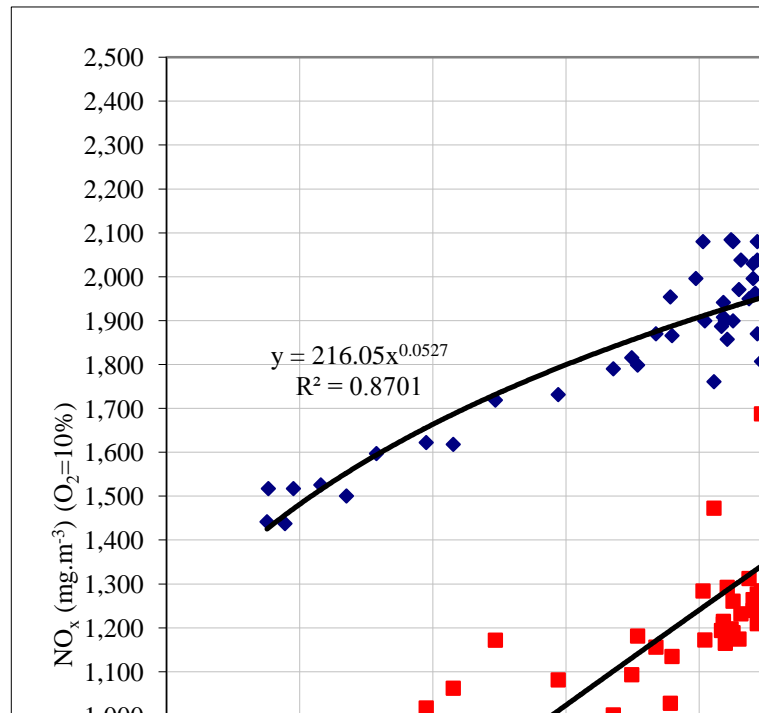
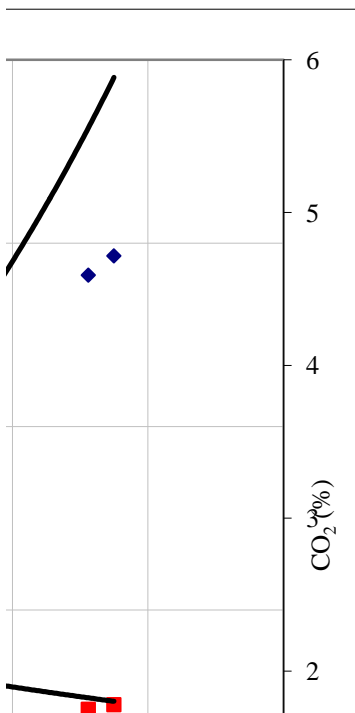
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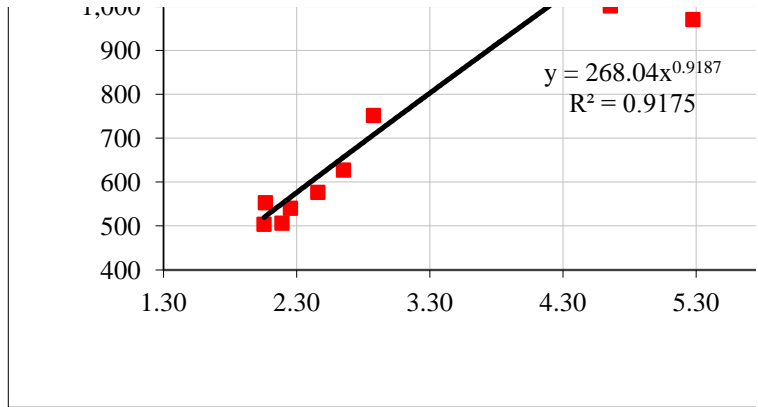
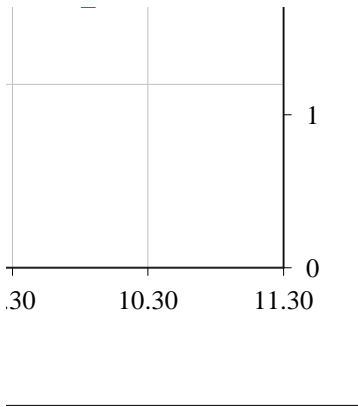
227.653

324.301

1.000

2.053





ts combustion

Figure 2. Emission concentration of  $\text{No}_x$  and the flue gas temperature during combustion

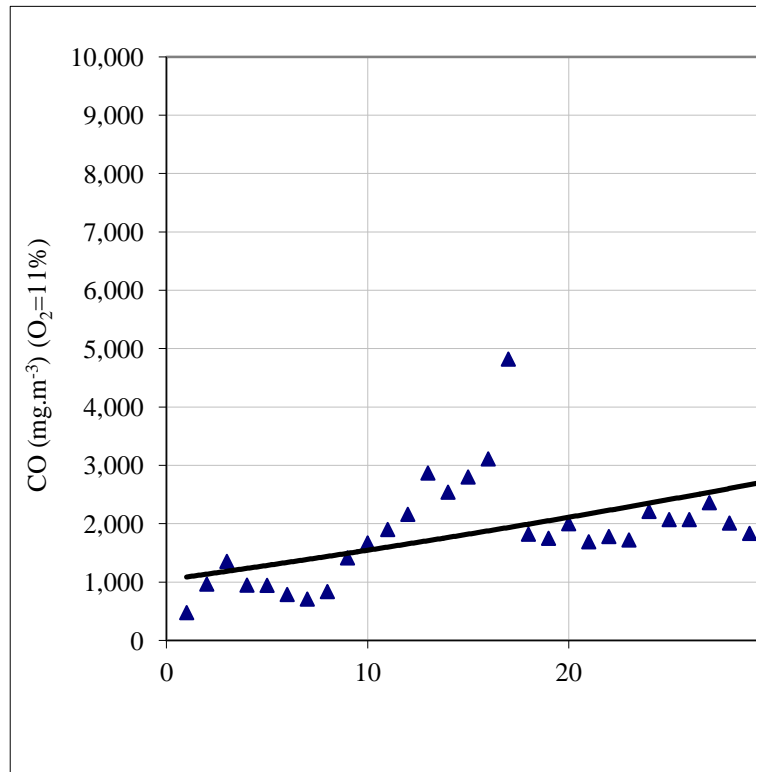
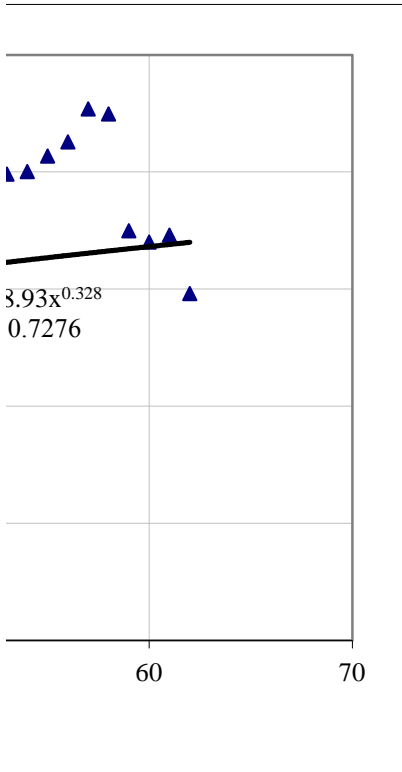
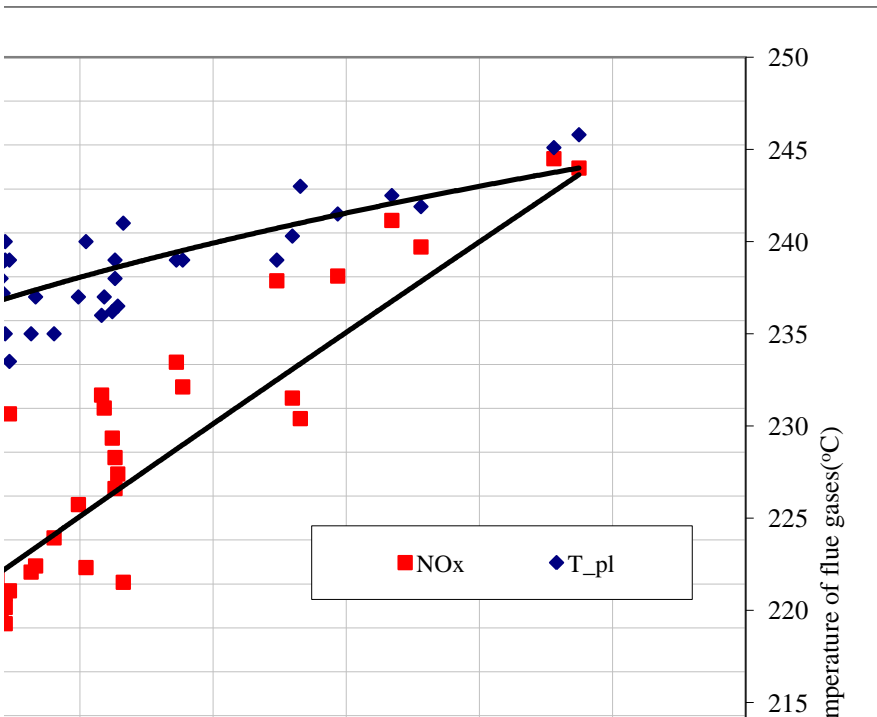


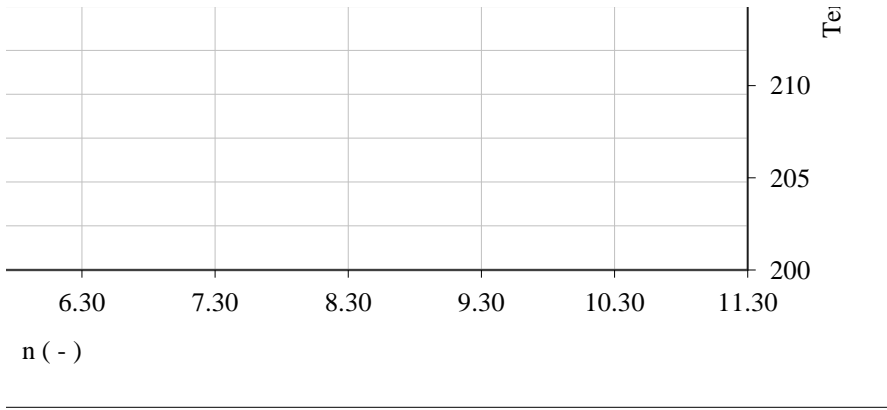
Figure 4. Concentration of CO depending on time

$(x_i-x)^2$	CO	$(x_i-x)^2$	CO	$(x_i-x)^2$	NO	$(x_i-x)^2$	NO	$(x_i-x)^2$
	mg.m-3		mg.m-3		ppm		mg.m-3	
149444.5952	440.157143	233674.001	476.0795055	5988954.4	246	859.813736	329.427041	1541.88739
465.7242456	896.570089	728.214008	964.9971607	3835003.03	225	69.2653486	301.305221	124.212214
42197.11134	1180.42143	65980.0899	1353.976613	2462818.38	213	13.5234131	285.235609	24.2512759
9327.82102	802.786607	14585.1327	947.4949226	3903859.19	221	18.6847034	295.948684	33.5069183
23280.85328	732.761607	36402.321	943.8381357	3918322.86	216	0.45889698	289.253012	0.82293111
81556.30489	566.452232	127522.765	786.7392113	4564949.85	218	1.74921956	291.931281	3.13684171
131464.7242	470.167857	205560.382	708.4721135	4905522.53	241	591.587929	322.73137	1060.88322
119425.9823	491.425446	186736.409	836.7925558	4353569.8	288	5086.91051	385.670683	9122.25851
12900.56296	781.529018	20171.5301	1413.950526	2278176.7	282	4267.03954	377.635877	7651.99972
345061.4984	1658.09196	539543.773	1670	1570794.82	285	4667.97503	381.65328	8370.98959
1158678.627	2269.56027	1811728.75	1900	1047170.59	234	300.0718	313.35743	538.112972
95122.49844	1309.21741	148735.086	2160	582647.554	198	348.845994	265.148594	625.578793
4958.885536	1011.61116	7753.79411	2867.969786	3062.93072	250	1110.39438	334.783579	1991.24883
79287.65973	571.454018	123975.475	2540	146929.267	269	2737.65245	360.227131	4909.37933
74300.20812	582.708036	116177.014	2800	15206.2282	194	514.265349	259.792057	922.222131
154119.563	432.654464	240983.856	3110	34851.8358	182	1202.52341	243.722445	2156.46204
133649.2081	466.416518	208976.076	4820	3597419.54	194	514.265349	259.792057	922.222131
246592.3371	302.608036	385575.791	1820	1217300.76	214	7.1685744	286.574743	12.8552662
145603.7888	446.409375	227668.453	1750	1376664.65	210	44.5879292	281.218206	79.9586736
107965.2404	512.683036	168816.207	2000	852507.886	205	136.362123	274.522535	244.535565
146367.9501	445.158929	228863.308	1690	1521062.28	225	69.2653486	301.305221	124.212214
97082.49844	533.940625	151799.774	1780	1307165.84	187	880.74922	250.418117	1579.43059
57879.04683	622.722321	90500.6194	1721.091843	1445337	170	2178.78148	227.652834	3907.1668
109945.7242	508.931696	171912.923	2210	508816.201	209	58.942768	279.879072	105.700929
181971.0468	390.139286	284532.89	2070	728143.991	222	28.3298647	297.287818	50.8034
166938.1436	412.647321	261027.198	2070	728143.991	216	0.45889698	289.253012	0.82293111
126437.5952	478.920982	197699.881	2360	317322.14	213	13.5234131	285.235609	24.2512759
40232.59521	672.740179	62908.3405	2010.908142	832483.602	204	160.716961	273.1834	288.210627
55028.07908	630.225	86042.7998	1833.988095	1186629.92	197	387.200832	263.80946	694.359785
4042.498439	844.051339	6320.91633	2424.168337	249145.929	204	160.716961	273.1834	288.210627
4432.98231	840.3	6931.48327	2518.610354	163784.665	203	187.0718	271.844266	335.472251
5100.724246	1012.86161	7975.57542	2901.426479	479.043275	201	245.781478	269.165997	440.755184
83185.72425	1284.20848	130070.552	2940	278.438079	193	560.620187	258.452923	1005.34937
24467.01457	1119.14955	38257.0221	3248.191316	105545.572	199	312.491155	266.487729	560.384362
45547.82102	1190.425	71219.314	3427.925393	254633.126	195	469.91051	261.131191	842.681455
38580.56296	1169.16741	60325.196	3272.478758	121916.352	202	215.426639	270.505132	386.320437
12192.43392	1061.62902	19064.2881	3049.065064	15813.4469	203	187.0718	271.844266	335.472251
5993.756504	1020.36429	9371.93519	3050.001941	16049.9519	200	278.136316	267.826863	498.776492
121396.0468	1359.23527	189816.834	2710	45502.6647	194	514.265349	259.792057	922.222131
74212.30489	1264.20134	116039.567	2890	1109.79168	202	215.426639	270.505132	386.320437
24780.85328	1120.4	38747.7454	3385.824176	213916.092	205	136.362123	274.522535	244.535565
40569.7565	1175.41964	63435.5314	3532.681987	371329.909	200	278.136316	267.826863	498.776492
30771.95005	1142.90804	48115.5218	4726.311426	3250801.39	201	245.781478	269.165997	440.755184
25096.69199	1121.65045	39241.5959	3371.080577	200495.323	205	136.362123	274.522535	244.535565
17534.88554	1089.13884	27417.8323	3384.329727	212535.928	206	114.007284	275.861669	204.447064
27033.72425	1129.15313	42270.3711	3528.603516	366375.959	207	93.6524454	277.200803	167.945124
20569.11134	1102.89375	32162.1972	3526.695131	364069.349	212	21.8782518	283.896475	39.233847
65750.88554	1244.1942	102809.154	3830	822080.344	217	0.10405827	290.592146	0.18660569

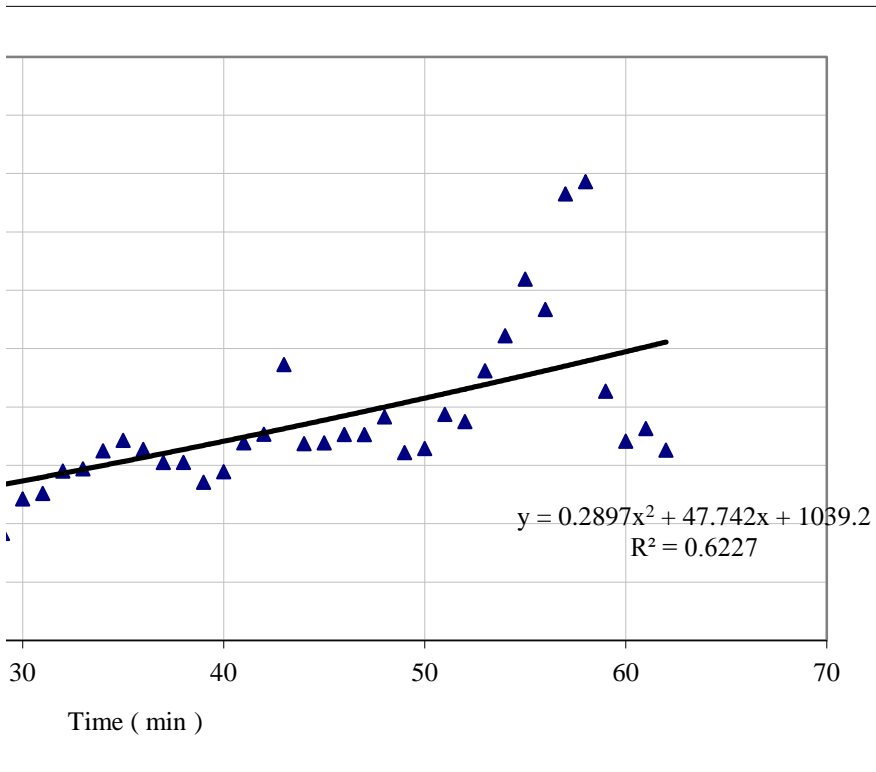
154.2403746	939.085268	241.172759	3218.049204	86869.1143	230	177.491155	308.000892	318.291465
697.9823101	956.591518	1091.3765	3288.283343	133202.96	223	39.975026	298.626952	71.6864432
26380.04683	1126.65223	41248.2704	3872.867048	901651.872	213	13.5234131	285.235609	24.2512759
5839.917794	1019.11384	9131.39048	3749.248238	682168.132	237	413.007284	317.374833	740.637997
2870.885536	856.555804	4488.96334	4620	2878744.96	236	373.362123	316.035698	669.543094
4819.046826	1010.36071	7535.14003	5220	5274768.71	224	53.6201873	299.966087	96.1560478
40569.7565	1175.41964	63435.5314	6190	10671240.5	215	2.81373569	287.913878	5.04581795
2062.917794	980.35	3225.61183	5670	7544286.53	227	106.555671	303.98349	191.08423
3896.175858	1001.60759	6092.12397	7650	22341564.9	212	21.8782518	283.896475	39.233847
77517.33715	1271.70402	121207.37	7860	24370873.2	206	114.007284	275.861669	204.447064
33642.65973	1152.91161	52604.2101	4270.042989	1813680.22	228	128.200832	305.322624	229.90008
4279.691988	1005.35893	6691.79603	3413.255622	240043.247	242	641.233091	324.070504	1149.91093
117936.8533	1352.98304	184407.983	3630	499405.758	247	919.458897	330.766176	1648.84791
211985.9823	1499.28527	331464.731	3260	113357.775	217	0.10405827	290.592146	0.18660569
	CO		CO (O2=10%)		NO		NO	
	mg.m <sup>-3</sup>		mg.m <sup>-3</sup>		ppm		mg.m <sup>-3</sup>	
	923.55553		2923.313536		216.677419		290.160168	
	135885.921		2287845.229		551.631941		989.23092	
	8289041.16		139558558.9		33649.5484		60343.0861	
	368.627075		1512.562471		23.4868461		31.4520416	
	0.39913905		0.517413699		0.10839545		0.10839545	
	93.6313708		384.1912518		5.96566488		7.98882655	
	2269.56027		7860		288		385.670683	
	302.608036		476.0795055		170		227.652834	
NO2 (O2=10%)	NOx	NOx	NOx (O2=10%)					
mg.m-3	ppm	mg.m-3	mg.m-3					
13.338	218.790	449.199	1312.412					
53.422	571.250	2407.949	165651.770					
7.309	23.901	49.071	407.003					
0.548	0.109	0.109	0.310					
61.645	291.000	597.452	2269.014					
4.710	171.000	351.080	503.833					







Temperature depending on the Excess air ratio during Jatropha pellets



NO	$(x_i-x)^2$	NO <sub>2</sub>	$(x_i-x)^2$	NO <sub>2</sub>	$(x_i-x)^2$	NO <sub>2</sub>	$(x_i-x)^2$	NO <sub>x</sub>
mg.m-3		ppm		mg.m-3		mg.m-3		ppm
356.3124343	241657.579	3	0.78694069	6.15930388	0.99375225	6.6619806	44.5694643	249
324.3011184	274154.984	3	0.78694069	57.2738589	2715.60075	61.6450536	2333.56977	228
327.1732743	271155.522	2	0.01274714	4.10620259	1.11562195	4.70992998	74.4438887	215
349.2956566	248605.525	2	0.01274714	4.10620259	1.11562195	4.84637645	72.1079623	223
372.5741373	225933.945	2	0.01274714	4.10620259	1.11562195	5.28901973	64.7863599	218
405.4601121	195752.374	2	0.01274714	4.10620259	1.11562195	5.70305915	58.292584	220
486.3075437	130748.548	2	0.01274714	4.10620259	1.11562195	6.18742856	51.1309176	243
656.7147848	36551.4925	3	0.78694069	6.15930388	0.99375225	10.4879787	8.12271903	291
683.2228035	27118.3258	4	3.56113424	8.21240518	9.30233239	14.8579699	2.31025626	286
753.713838	8870.88828	4	3.56113424	8.21240518	9.30233239	16.2183944	8.2965731	289
696.3498438	22967.2168	3	0.78694069	6.15930388	0.99375225	13.687342	0.12202781	237
646.7038887	40479.5658	2	0.01274714	4.10620259	1.11562195	10.0151283	11.0415907	200
949.1287027	10247.4059	3	0.78694069	6.15930388	0.99375225	17.461944	17.0067724	253
1088.598472	57936.1246	3	0.78694069	6.15930388	0.99375225	18.613281	27.828408	272
863.3572895	238.951568	2	0.01274714	4.10620259	1.11562195	13.6459905	0.09484755	196
845.7245737	4.72913494	1	1.23855359	2.05310129	9.66794151	7.12432626	38.6099548	183
1082.466905	55021.9935	2	0.01274714	4.10620259	1.11562195	17.1091775	14.2216498	196
746.9957767	10181.5071	2	0.01274714	4.10620259	1.11562195	10.7033717	6.9413569	216
706.2557689	20062.8704	2	0.01274714	4.10620259	1.11562195	10.3123809	9.15447468	212
732.9485147	13213.6672	2	0.01274714	4.10620259	1.11562195	10.9631622	5.63993591	207
763.6768271	7093.41334	2	0.01274714	4.10620259	1.11562195	10.4074259	8.58836513	227
666.9731927	32734.2314	1	1.23855359	2.05310129	9.66794151	5.46830853	61.9323141	188
629.1912485	47833.1817	1	1.23855359	2.05310129	9.66794151	5.67440056	58.7310196	171
814.4629075	1117.98774	2	0.01274714	4.10620259	1.11562195	11.9492668	1.92862763	211
829.9913699	320.691495	2	0.01274714	4.10620259	1.11562195	11.4640174	3.51187523	224
835.1136831	163.47024	2	0.01274714	4.10620259	1.11562195	11.8551781	2.19881179	218
847.9977568	0.0097073	2	0.01274714	4.10620259	1.11562195	12.2076293	1.27777671	215
816.580816	980.843127	2	0.01274714	4.10620259	1.11562195	12.2739751	1.13218548	206
767.699487	6431.99897	2	0.01274714	4.10620259	1.11562195	11.9492668	1.92862763	199
784.5998441	4006.8124	2	0.01274714	4.10620259	1.11562195	11.7932711	2.38624031	206
814.7920778	1096.0836	2	0.01274714	4.10620259	1.11562195	12.3074192	1.06213218	205
771.0484298	5906.04566	2	0.01274714	4.10620259	1.11562195	11.7625595	2.48206689	203
758.1285736	8058.77097	2	0.01274714	4.10620259	1.11562195	12.0448609	1.67225308	195
773.4472337	5543.09993	2	0.01274714	4.10620259	1.11562195	11.9177384	2.01719184	201
751.948457	9206.55106	2	0.01274714	4.10620259	1.11562195	11.8241436	2.29181326	197
757.1390453	8237.41134	2	0.01274714	4.10620259	1.11562195	11.4931879	3.40339503	204
780.7537664	4508.51343	2	0.01274714	4.10620259	1.11562195	11.7932711	2.38624031	205
800.5694275	2240.11032	2	0.01274714	4.10620259	1.11562195	12.2739751	1.13218548	202
780.7958001	4502.87046	2	0.01274714	4.10620259	1.11562195	12.341046	0.99395146	196
795.6033283	2734.86145	2	0.01274714	4.10620259	1.11562195	12.0770664	1.58999676	204
829.601066	334.822846	2	0.01274714	4.10620259	1.11562195	12.408854	0.86334425	207
804.9441238	1845.14125	2	0.01274714	4.10620259	1.11562195	12.341046	0.99395146	202
1113.09247	70327.454	2	0.01274714	4.10620259	1.11562195	16.980537	13.2679508	203
825.0677269	521.277587	2	0.01274714	4.10620259	1.11562195	12.341046	0.99395146	207
857.1972762	86.4536424	2	0.01274714	4.10620259	1.11562195	12.7593866	0.33481337	208
866.25251	336.842846	2	0.01274714	4.10620259	1.11562195	12.8318831	0.25617171	209
907.808495	3589.11989	2	0.01274714	4.10620259	1.11562195	13.130299	0.04314685	214
1002.041884	23759.9574	2	0.01274714	4.10620259	1.11562195	14.1593193	0.67453713	219





$(x_i-x)^2$	NO <sub>x</sub>	$(x_i-x)^2$	NO <sub>x</sub>	$(x_i-x)^2$
	mg.m-3		mg.m-3	
912.62461	511.222222	3846.918	552.94439	576791.256
84.8181582	468.107095	357.527614	503.833468	653799.46
14.3665453	441.416778	60.5582197	506.317472	649788.605
17.721384	457.841589	74.6996194	540.370974	596047.554
0.62460978	447.576082	2.63287072	576.50315	541562.033
1.46331946	451.682285	6.16822065	627.336507	469328.616
586.108481	498.903614	2470.57908	751.77257	314316.722
5214.23751	597.452477	21979.1839	1017.33394	87071.1419
4517.14074	587.18697	19040.7642	1062.34485	62533.6483
4929.3988	593.346274	20778.5247	1171.779	19777.6794
331.592352	486.585007	1397.73635	1081.30001	53412.812
353.076223	410.620259	1488.29569	1001.51283	96658.3799
1170.30203	519.434627	4933.08628	1472.62394	25667.8237
2831.26977	558.443552	11934.4389	1687.60414	140769.041
519.398803	402.407854	2189.38278	1337.30707	619.757625
1280.94719	375.717537	5399.48052	1303.75171	75.0030428
519.398803	402.407854	2189.38278	1676.69939	132705.204
7.7859001	443.46988	32.8193202	1155.96414	24475.9748
46.1084807	435.257474	194.357617	1093.11238	48092.3831
139.011707	424.991968	585.96561	1134.68729	31586.1194
67.3988033	466.053994	284.101116	1181.24284	17205.3835
948.043965	385.983043	3996.21855	1028.042	80866.3713
2283.91493	351.080321	9627.21515	970.322496	117025.321
60.6891259	433.204373	255.818316	1260.64765	2679.56225
27.1407388	459.89469	114.404319	1283.96995	808.958081
0.62460978	447.576082	2.63287072	1292.21441	407.948074
14.3665453	441.416778	60.5582197	1312.32015	0.00846092
163.592352	422.938867	689.578558	1264.21944	2322.53601
391.656868	408.567158	1650.92179	1188.95205	15242.3936
163.592352	422.938867	689.578558	1214.70693	9546.30752
190.172997	420.885765	801.621956	1261.51047	2590.97966
249.334287	416.779563	1051.0001	1193.89979	14045.1761
565.979448	400.354752	2385.73068	1174.37394	19054.5432
316.495578	412.67336	1334.10005	1197.73271	13151.371
474.818158	404.460955	2001.46533	1164.67814	21825.3325
218.753642	418.832664	922.095804	1172.30517	19629.9626
190.172997	420.885765	801.621956	1208.81029	10733.3418
281.914932	414.726461	1188.33485	1239.67149	5291.20171
519.398803	402.407854	2189.38278	1209.42251	10606.8626
218.753642	418.832664	922.095804	1231.86078	6488.52133
139.011707	424.991968	585.96561	1284.31639	789.371074
281.914932	414.726461	1188.33485	1246.44565	4351.57724
249.334287	416.779563	1051.0001	1723.52451	169013.383
139.011707	424.991968	585.96561	1277.29826	1232.98391
116.431061	427.045069	490.783112	1326.9762	212.112102
95.8504162	429.09817	404.031063	1340.93178	813.370319
22.9471904	439.363677	96.727569	1404.94199	8561.77415
0.04396462	449.629183	0.18532076	1550.44546	56659.8639

174.495578	476.3195	735.538107	1632.24751	102294.666
38.5600937	461.947791	162.539468	1587.94553	75918.6531
14.3665453	441.416778	60.5582197	1517.37018	42007.7983
408.431061	490.691209	1721.62879	1805.2185	242858.109
369.011707	488.638108	1555.46734	1990.74785	460139.339
51.9794485	464.000892	219.105067	2001.57248	474941.978
3.20525494	445.522981	13.5108705	2067.82818	570653.403
104.237513	470.160196	439.384563	2128.29719	665668.415
22.9471904	439.363677	96.727569	2269.01429	915087.691
116.431061	427.045069	490.783112	2247.60563	874586.868
125.656868	472.213298	529.671961	1748.93814	190554.953
635.527836	500.956716	2678.89277	1700.77897	150828.801
912.62461	511.222222	3846.918	1730.2906	174622.41
0.04396462	449.629183	0.18532076	1480.81468	28359.4159

	NO <sub>x</sub>		NO <sub>x</sub> (O <sub>2</sub> =10%)	
	mg.m <sup>-3</sup>		mg.m <sup>-3</sup>	

449.198694	1312.41213
2407.94891	165651.774
146884.883	10104758.2
49.070856	407.003408
0.10924087	0.3101186
12.4640099	103.378969
597.452477	2269.01429
351.080321	503.833468