

固定污染源烟气排放连续监测系统 168小时试运行报告

企业单位：信宜粤丰环保电力有限公司

调试单位：中山喜粤环保科技有限公司

检测排口：2#烟气排放口（DA002）

报告日期：2025年01月23日

中山喜粤环保科技有限公司
(加盖公章)



1、前言

信宜粤丰环保电力有限公司2#烟气排放口（DA002） 安装了颗粒物、二氧化硫、氮氧化物、一氧化碳、氯化氢、烟气流速、烟气温度和烟气湿度CEMS在线监控设备各一套。为确保该固定污染源烟气排放连续监测系统能实时、准确反映排气筒排放的烟气排放量，于2025年01月06日至2025年01月12日对在线监测设备进行为期168小时的试运行。

2、在线连续监测设备信息

CEMS主要仪器型号			
仪器名称	设备型号	制造商	测量方法
颗粒物分析仪	Synspec PM	荷兰Synspec b. v.	激光前向散射法
皮托管流速计	PT-1	北京银谷亿达科技有限公司	流速：皮托管法 温度：铂电阻法
烟气在线监测分析仪	MBGAS-3000	重庆川仪分析仪器有限公司	傅里叶红外法

3、安装调试运行数据

时间	氮氧化 物实测 (mg/m³)	一氧化 碳实测 (mg/m³)	氯化氢 实测 (mg/m³)	二氧化 硫实测 (mg/m³)	颗粒物 实测 (mg/m³)	流量 (xm³/h)	烟气 流速 (m/s	烟气 温度 (℃)	烟气 压力 (kPa)	烟气 湿度 (%)	数据 标记
2025/1/60:00	203.812	8.030	45.672	14.027	4.437	64853	15.121	147.688	-0.631	27.251	N
2025/1/61:00	209.723	6.560	50.251	17.721	4.584	68126	15.899	147.830	-0.635	27.307	N
2025/1/62:00	209.047	4.806	49.326	18.509	4.507	67185	15.624	147.676	-0.636	27.074	N
2025/1/63:00	214.046	2.520	46.067	19.524	4.455	65426	15.246	147.470	-0.636	27.265	N
2025/1/64:00	211.366	28.364	52.180	22.539	4.467	64114	14.879	147.456	-0.634	26.896	N
2025/1/65:00	198.659	2.568	47.075	13.960	4.465	70339	16.174	149.404	-0.646	25.922	N
2025/1/66:00	196.187	3.458	46.671	15.788	4.403	68710	15.636	147.896	-0.636	25.423	N
2025/1/67:00	198.094	2.246	47.483	10.935	4.303	64014	14.636	147.615	-0.634	25.850	N
2025/1/68:00	213.329	3.720	51.753	17.756	4.427	68063	15.843	148.765	-0.653	26.953	N
2025/1/69:00	201.113	1.444	43.269	9.627	4.413	62922	14.334	146.952	-0.626	25.631	N
2025/1/610:00	198.908	8.713	44.941	10.349	4.469	67467	15.484	148.072	-0.630	26.017	N
2025/1/611:00	207.890	2.105	48.402	14.455	4.441	68833	16.077	148.645	-0.633	27.224	N
2025/1/612:00	204.064	5.983	47.120	16.918	4.453	70191	16.152	148.937	-0.627	26.075	N
2025/1/613:00	199.704	27.767	41.047	16.226	4.418	65028	14.826	147.428	-0.607	25.719	N
2025/1/614:00	209.486	1.751	48.277	16.670	4.370	67751	15.494	148.000	-0.615	25.779	N
2025/1/615:00	195.047	3.343	55.481	25.966	4.310	61815	14.113	146.472	-0.599	25.955	N
2025/1/616:00	210.189	13.127	47.927	30.660	4.443	66336	15.356	146.981	-0.612	26.855	N
2025/1/617:00	213.122	10.848	56.298	34.997	4.524	70611	16.379	147.759	-0.623	26.876	N
2025/1/618:00	208.453	4.144	50.121	28.574	4.479	69988	16.126	147.567	-0.623	26.420	N
2025/1/619:00	200.751	1.716	51.248	29.339	4.414	62343	14.131	144.729	-0.601	25.715	N
2025/1/620:00	196.470	1.780	43.822	15.924	4.456	65245	14.752	144.720	-0.618	25.524	N
2025/1/621:00	206.707	2.214	46.683	15.631	4.507	68072	15.796	147.600	-0.628	26.935	N
2025/1/622:00	202.756	1.415	49.398	16.011	4.437	66680	15.239	147.248	-0.618	25.875	N
2025/1/623:00	203.041	3.238	49.067	16.617	4.444	68137	15.678	147.721	-0.629	26.274	N
2025/1/70:00	199.857	3.774	46.784	9.641	4.566	69090	15.908	148.811	-0.633	26.137	N
2025/1/71:00	210.090	6.010	53.669	17.173	4.626	73418	17.118	150.105	-0.650	26.837	N
2025/1/72:00	194.915	11.224	38.782	9.835	4.506	70190	15.898	147.913	-0.630	25.106	N
2025/1/73:00	202.110	1.867	48.394	15.280	4.395	65916	14.930	147.040	-0.623	25.242	N
2025/1/74:00	204.534	6.470	44.593	9.281	4.482	67869	15.631	147.935	-0.635	26.323	N
2025/1/75:00	203.303	5.700	45.809	10.532	4.545	73327	16.960	149.451	-0.646	26.347	N
2025/1/76:00	198.365	3.879	45.845	14.269	4.540	72077	16.558	149.150	-0.641	25.930	N
2025/1/77:00	201.012	1.399	37.165	7.801	4.441	66943	15.222	147.547	-0.630	25.417	N
2025/1/78:00	206.053	5.692	30.695	10.260	4.499	73977	17.085	148.277	-0.659	26.450	N
2025/1/79:00	189.559	1.352	24.429	4.937	5.460	72854	16.657	147.884	-0.646	25.764	N
2025/1/710:00	181.541	2.257	20.310	3.744	8.898	74376	17.161	149.913	-0.655	26.082	N
2025/1/711:00	203.577	1.881	51.415	15.360	1.683	73231	16.928	150.237	-0.636	26.133	N
2025/1/712:00	197.989	2.157	43.441	16.538	1.563	70779	16.139	147.660	-0.619	25.628	N
2025/1/713:00	199.172	1.683	46.855	16.308	1.561	68877	15.581	146.855	-0.609	25.176	N
2025/1/714:00	208.732	11.273	43.849	16.092	1.527	73365	16.835	147.767	-0.624	26.080	N

时间	氮氧化物实测 (mg/m³)	一氧化碳实测 (mg/m³)	氯化氢实测 (mg/m³)	二氧化硫实测 (mg/m³)	颗粒物实测 (mg/m³)	流量 (xm³/h)	烟气流速 (m/s)	烟气温度 ℃	烟气压力 (kPa)	烟气湿度 (%)	数据标记
2025/1/715:00	174.559	1.964	15.751	2.102	1.640	69300	15.547	144.975	-0.603	24.911	N
2025/1/716:00	203.463	1.245	49.698	19.774	1889	69774	15.781	146.363	-0.607	25.247	N
2025/1/717:00	213.388	2.461	43.401	14.176	1.866	68242	15.642	147.833	-0.607	25.956	N
2025/1/718:00	208.317	4.551	49.577	14.724	1.796	73366	16.848	148.619	-0.626	25.976	N
2025/1/719:00	202.204	2.183	48.716	12.857	1.801	74525	16.981	148.737	-0.624	25.355	N
2025/1/720:00	196.965	1.882	44.183	10.208	1.752	68392	15.479	147.204	-0.605	25.203	N
2025/1/721:00	200.760	10.163	47.615	12.947	1.763	64144	14.510	146.036	-0.599	25.349	N
2025/1/722:00	201.641	11.906	48.861	15.337	1.683	70326	16.090	146.770	-0.624	26.018	N
2025/1/723:00	202.861	5.410	45.728	13.331	1.789	71394	16.261	147.583	-0.625	25.562	N
2025/1/80:00	203.208	1.641	50.497	10.619	1.819	73397	16.884	148.643	-0.636	26.095	N
2025/1/81:00	193.850	1.825	46.409	7.776	1.844	73496	16.693	148.599	-0.634	25.157	N
2025/1/82:00	199.571	4.828	46.868	11.144	1820	73213	16.627	148.460	-0.637	25.172	N
2025/1/83:00	195.546	2.404	46.561	13.360	1.801	67792	15.271	146.815	-0.622	24.878	N
2025/1/84:00	200.261	1.945	49.190	15.923	1.824	72036	16.291	146.707	-0.637	25.161	N
2025/1/85:00	198.201	2.195	47.418	16.360	1.874	75093	17.065	148.146	-0.648	25.272	N
2025/1/86:00	201.076	2.617	46.808	12.323	1.978	74175	17.069	148.425	-0.647	26.152	N
2025/1/87:00	202.816	1.581	45.244	6.974	2.015	75466	17.441	149.762	-0.649	26.245	N
2025/1/88:00	205.221	4.553	51.217	12.884	2.061	70902	16.336	148.823	-0.632	26.176	N
2025/1/89:00	206.674	5.671	42.884	5.898	2.038	70721	16.107	148.107	-0.632	25.460	N
2025/1/810:00	205.128	4.984	47.037	7.073	2.082	71898	16.552	147.902	-0.634	26.279	N
2025/1/811:00	197.443	4.537	45.643	7.330	2.122	67968	15.578	148.240	-0.622	25.870	N
2025/1/812:00	205.659	23.213	45.449	16.002	2.135	69746	16.045	147.824	-0.623	26.257	N
2025/1/813:00	208.115	12.293	47.952	17.874	2.172	69501	16.084	147.917	-0.621	26.678	N
2025/1/814:00	215.401	11.711	51.261	19.564	2.040	70375	16.268	148.480	-0.619	26.484	N
2025/1/815:00	203.683	4.809	48.325	14.544	1.999	71068	16.174	147.698	-0.615	25.466	N
2025/1/816:00	204.381	13.319	47.976	15.141	1.994	69638	16.047	148.073	-0.616	26.341	N
2025/1/817:00	203.339	3.345	50.545	16.490	1.910	74096	17.055	148.231	-0.622	26.216	N
2025/1/818:00	200.982	4.968	50.824	16.671	1.835	76235	17.352	147.822	-0.628	25.444	N
2025/1/819:00	201.117	2.332	43.064	8.103	1.850	75311	17.305	148.708	-0.639	26.010	N
2025/1/820:00	202.161	2.935	45.764	8.492	1.874	66819	15.450	148.322	-0.624	26.549	N
2025/1/821:00	209.475	3.073	47.286	11.652	1.937	71495	16.643	148.308	-0.641	27.034	N
2025/1/822:00	199.641	17.215	45.214	10.112	1.921	69544	16.144	148.263	-0.639	26.810	N
2025/1/823:00	211.553	10.293	51.661	12.610	1.957	70224	16.318	148.135	-0.644	26.913	N
2025/1/90:00	199.314	2.228	49.165	6.217	1.915	76785	17.713	149.362	-0.661	26.124	N
2025/1/91:00	195.938	2.342	43.725	3.258	1.938	77753	17.858	150.227	-0.654	25.700	N
2025/1/92:00	199.688	2.224	45.277	4.311	2.001	80943	18.943	151.823	-0.668	26.795	N
2025/1/93:00	206.720	2.940	46.603	7.302	2.011	72918	17.174	150.685	-0.651	27.441	N
2025/1/94:00	211.599	1.478	47.388	12.252	2.202	70392	16.398	149.444	-0.639	26.882	N
2025/1/95:00	203.757	3.867	43.062	6.909	2.230	67995	15.782	148.527	-0.636	26.780	N
2025/1/96:00	201.973	4.397	48.823	11.486	2.278	72369	16.921	149.223	-0.657	27.162	N
2025/1/97:00	211.924	4.049	43.730	8.553	2.391	72650	17.085	149.390	-0.651	27.559	N

时间	氮氧化物实测 (mg/m³)	一氧化碳实测 (mg/m³)	氯化氢实测 (mg/m³)	二氧化硫实测 (mg/m³)	颗粒物实测 (mg/m³)	流量 (m³/h)	烟气流速 (m/s)	烟气温度 ℃	烟气压力 (kPa)	烟气湿度 (%)	数据 标记
2025/1/98:00	205.950	7.197	48.125	6.769	2.355	75768	17.571	150.329	-0.661	26.388	N
2025/1/99:00	200.049	2.798	36.349	3.721	2.353	73335	17.187	150.837	-0.645	27.090	N
2025/1/910:00	195.407	1.625	49.587	6.810	2.289	70617	16.493	150.927	-0.640	26.813	N
2025/1/911:00	206.983	2.216	49.733	10.495	2.251	72639	16.965	150.924	-0.642	26.812	N
2025/1/912:00	201.427	2.124	46.593	9.998	2.110	62134	14.240	148.609	-0.612	25.843	N
2025/1/913:00	210.507	13.720	50.921	12.225	2.061	63155	14.722	148.033	-0.619	27.186	N
2025/1/914:00	207.738	10.448	46.875	9.105	2.078	68680	15.979	147.802	-0.631	27.055	N
2025/1/915:00	206.752	3.829	45.091	5.825	2.086	72402	16.831	148.805	-0.643	26.852	N
2025/1/916:00	207.284	8.613	46.176	6.651	2.122	69530	16.186	149.236	-0.642	26.836	N
2025/1/917:00	199.463	2.931	48.649	8.503	2.127	73242	17.048	151.054	-0.656	26.523	N
2025/1/918:00	216.747	5.849	49.538	20.844	2.106	72456	16.815	148.698	-0.657	26.718	N
2025/1/919:00	199.723	2.601	45.254	11.409	2.090	68805	15.712	148.159	-0.643	25.638	N
2025/1/920:00	205.393	4.031	47.954	15.584	2.007	61562	14.273	146.868	-0.630	26.975	N
2025/1/921:00	207.840	5.982	51.634	16.199	2.170	70472	16.348	148.029	-0.657	26.806	N
2025/1/922:00	200.345	22.524	45.287	14.626	1.997	66340	15.356	147.198	-0.647	26.790	N
2025/1/923:00	215.280	5.668	50.744	21.474	2.093	70745	16.680	148.397	-0.658	27.913	N
2025/1/100:00	209.268	3.625	46.038	18.174	2.143	71114	16.369	148.030	-0.649	26.226	N
2025/1/101:00	199.073	41.962	48.252	17.434	2.257	71646	16.589	148.558	-0.662	26.539	N
2025/1/102:00	203.551	16.776	47.649	15.493	2.308	70892	16.688	148.835	-0.667	27.724	N
2025/1/103:00	209.077	16.884	52.377	18.263	2.173	70307	16.250	147.780	-0.655	26.570	N
2025/1/104:00	197.975	1.968	47.531	11.615	2.074	74166	17.061	148.898	-0.670	26.030	N
2025/1/105:00	191.381	5.087	38.211	9.330	2.074	73679	17.016	148.785	-0.673	26.330	N
2025/1/106:00	207.820	3.759	45.819	11.611	2.011	71459	16.667	149.142	-0.670	26.981	N
2025/1/107:00	196.566	2.635	32.085	3.335	1.929	62938	14.458	147.149	-0.643	26.262	N
2025/1/108:00	205.345	2.991	30.953	6.066	2.068	46660	10.690	144.124	-0.606	26.618	N
2025/1/109:00	192.810	3.341	34.785	5.476	2.181	35907	8.104	141.046	-0.585	26.071	N
2025/1/1010:00	223.897	18.973	52.928	13.140	2.202	61302	14.088	144.016	-0.652	26.808	N
2025/1/1011:00	202.284	8.908	50.617	13.083	2.152	75001	17.652	149.082	-0.689	27.647	N
2025/1/1012:00	204.430	8.835	45.090	10.447	2.396	72451	16.882	149.862	-0.673	26.797	N
2025/1/1013:00	216.895	14.231	52.180	14.560	2.419	75910	17.988	151.117	-0.686	27.813	N
2025/1/1014:00	199.783	2.237	46.619	13.510	2.369	76795	17.947	150.383	-0.680	26.947	N
2025/1/1015:00	202.400	4.368	50.374	20.770	2.230	71162	16.482	149.016	-0.658	26.533	N
2025/1/1016:00	196.438	5.952	43.940	14.587	2.180	69859	16.049	148.047	-0.653	26.110	N
2025/1/1017:00	191.807	6.332	46.033	12.225	2.237	73216	16.677	147.892	-0.659	25.483	N
2025/1/1018:00	197.033	25.842	43.827	12.541	2.229	73201	16.909	148.805	-0.664	26.333	N
2025/1/1019:00	206.004	2.885	48.574	16.516	2.263	75819	17.725	149.582	-0.670	27.103	N
2025/1/1020:00	204.530	6.223	44.016	13.735	2.214	78269	18.344	150.007	-0.673	27.202	N
2025/1/1021:00	202.776	2.752	48.438	19.248	2.202	74955	17.405	149.443	-0.662	26.634	N
2025/1/1022:00	193.302	3.326	39.037	7.458	2.202	75160	17.509	149.888	-0.673	26.799	N
2025/1/1023:00	163.940	14.229	18.711	3.488	2.241	57433	13.582	145.475	-0.633	28.684	N
2025/1/110:00	220.901	17.335	37.937	9.767	2.259	61583	14.718	146.278	-0.653	29.270	N

时间	氮氧化物实测 (mg/m³)	一氧化碳实测 (mg/m³)	氯化氢实测 (mg/m³)	二氧化硫实测 (mg/m³)	颗粒物实测 (mg/m³)	流量 (xm³/h)	烟气 流速 (m/s)	烟气 温度 ℃)	烟气 压力 (kPa)	烟气 湿度 (%)	数据 标记
2025/1/111:00	211.786	82.592	48.825	15.649	2.382	77480	18.482	150.771	-0.694	28.325	N
2025/1/112:00	198.867	2.679	44.609	9.702	2.299	74533	17.303	151.123	-0.674	26.322	N
2025/1/113:00	196.529	2.535	44.601	9.549	2.057	71785	16.755	149.956	-0.669	26.894	N
2025/1/114:00	207.238	6.068	49.692	15.045	2.033	70839	16.657	149.222	-0.672	27.552	N
2025/1/115:00	204.335	3.430	48.936	11.956	2.049	71017	16.753	148.722	-0.676	27.874	N
2025/1/116:00	207.305	5.286	52.961	12.439	2.032	73968	17.243	149.250	-0.678	26.942	N
2025/1/117:00	207.414	2.053	47.860	7.967	1.991	71484	16.341	148.337	-0.668	25.665	N
2025/1/118:00	191.012	4.117	33.918	6.397	1.874	65723	14.924	146.424	-0.651	25.537	N
2025/1/119:00	198.461	2.415	45.959	10.609	1.775	67432	15.433	146.761	-0.659	26.029	N
2025/1/1110:00	208.480	6.698	53.879	14.157	1.770	73020	16.882	148.730	-0.678	26.428	N
2025/1/1111:00	197.686	12.641	45.165	10.874	1.721	76015	17.544	148.922	-0.686	26.258	N
2025/1/1112:00	195.730	4.530	44.693	11.218	1.828	70620	16.511	148.667	-0.665	27.277	N
2025/1/1113:00	196.135	2.855	48.688	10.218	1.731	70677	16.142	146.877	-0.652	25.884	N
2025/1/1114:00	203.612	3.382	47.709	7.497	1.777	72863	17.011	149.237	-0.666	27.069	N
2025/1/1115:00	194.108	8.442	47.365	9.294	1.821	72262	17.102	150.559	-0.669	27.840	N
2025/1/1116:00	207.989	10.122	50.848	12.876	2.058	73933	17.298	150.178	-0.674	27.044	N
2025/1/1117:00	199.798	4.087	39.437	7.936	2.044	76216	17.822	150.273	-0.679	26.975	N
2025/1/1118:00	207.305	6.575	47.261	15.399	2.004	68580	16.213	148.899	-0.661	27.996	N
2025/1/1119:00	209.855	10.237	48.860	19.323	2.066	72462	16.857	148.367	-0.664	26.922	N
2025/1/1120:00	209.074	3.748	48.319	12.785	2.003	75025	17.622	148.255	-0.677	27.648	N
2025/1/1121:00	201.264	6.816	43.982	11.140	1.962	75579	17.631	149.391	-0.672	26.968	N
2025/1/1122:00	200.509	4.469	43.152	10.812	1.946	75307	17.582	150.042	-0.673	26.935	N
2025/1/1123:00	201.146	17.441	45.814	6.975	2.176	76623	18.045	150.210	-0.679	27.523	N
2025/1/120:00	201.000	1.986	41.453	7.025	2.205	74703	17.288	149.959	-0.668	26.298	N
2025/1/121:00	200.428	9.312	46.314	7.916	2.208	74826	17.395	150.186	-0.674	26.587	N
2025/1/122:00	202.366	2.667	49.796	13.262	2.115	75786	17.681	149.940	-0.682	26.876	N
2025/1/123:00	204.311	2.341	48.861	12.513	1.963	75622	17.625	149.953	-0.684	26.810	N
2025/1/124:00	199.744	2.644	44.125	8.672	2.027	74148	17.177	149.625	-0.677	26.426	N
2025/1/125:00	197.995	4.842	45.097	12.373	1.965	75760	17.484	149.675	-0.677	26.126	N
2025/1/126:00	197.611	4.890	42.704	9.304	1.884	73033	16.797	149.020	-0.674	25.991	N
2025/1/127:00	208.375	11.272	50.648	15.516	2.051	71379	16.577	148.640	-0.676	26.770	N
2025/1/128:00	205.720	4.334	48.567	12.293	2.049	69387	16.026	149.149	-0.662	26.298	N
2025/1/129:00	196.228	4.664	35.412	5.793	1.955	63158	14.423	147.774	-0.642	25.767	N
2025/1/1210:00	215.665	4.500	48.663	18.639	2.048	73347	17.214	149.251	-0.678	27.391	N
2025/1/1211:00	193.183	2.078	42.022	8.687	2.040	68733	15.794	148.259	-0.654	26.075	N
2025/1/1212:00	203.072	2.408	35.558	6.398	1.903	74474	17.492	149.345	-0.668	27.487	N
2025/1/1213:00	203.802	3.014	50.364	13.460	1.874	76246	17.707	149.170	-0.665	26.687	N
2025/1/1214:00	201.500	2.557	48.715	12.463	1.924	73777	17.083	149.746	-0.655	26.370	N
2025/1/1215:00	205.060	3.295	43.773	11.986	1.917	76547	17.755	149.964	-0.664	26.454	N
2025/1/1216:00	202.616	5.486	46.705	13.847	2.115	76284	17.805	150.782	-0.664	26.770	N
2025/1/1217:00	205.744	44.809	48.319	28.299	2.147	79995	18.780	152.146	-0.675	26.951	N

时间	氮氧化物实测 (mg/m ³)	一氧化碳实测 (mg/m ³)	氯化氢实测 (mg/m ³)	二氧化硫实测 (mg/m ³)	颗粒物实测 (mg/m ³)	流量 (×m ³ /h)	烟气流速 (m/s)	烟气温度 (℃)	烟气压力 (kPa)	烟气湿度 (%)	数据标记
2025/1/1218:00	200.702	4.870	47.317	13.213	2.069	78873	18.486	151.811	-0.677	26.880	N
2025/1/1219:00	204.142	3.599	47.007	15.421	2.061	79478	18.568	151.344	-0.681	26.687	N
2025/1/1220:00	203.478	2.986	46.958	16.183	2.150	68725	15.824	148.628	-0.642	26.127	N
2025/1/1221:00	212.854	14.127	50.155	18.356	2.260	73097	17.137	148.321	-0.659	27.504	N
2025/1/1222:00	197.264	10.894	44.866	11.353	2.323	74232	17.275	149.151	-0.661	26.821	N
2025/1/1223:00	207.991	16.667	45.755	13.154	2.101	74668	17.644	149.581	-0.668	27.875	N

4、安装调试运行结论

信宜粤丰环保电力有限公司2#烟气排放口(DA002) 固定污染源烟气排放连续监测系统安装调试运行的颗粒物、二氧化硫、氮氧化物、一氧化碳、氯化氢、烟气流速、烟气温度和烟气湿度为期168小时调试数据均合格，CEMS 设备正常运行。

****报告结束****