

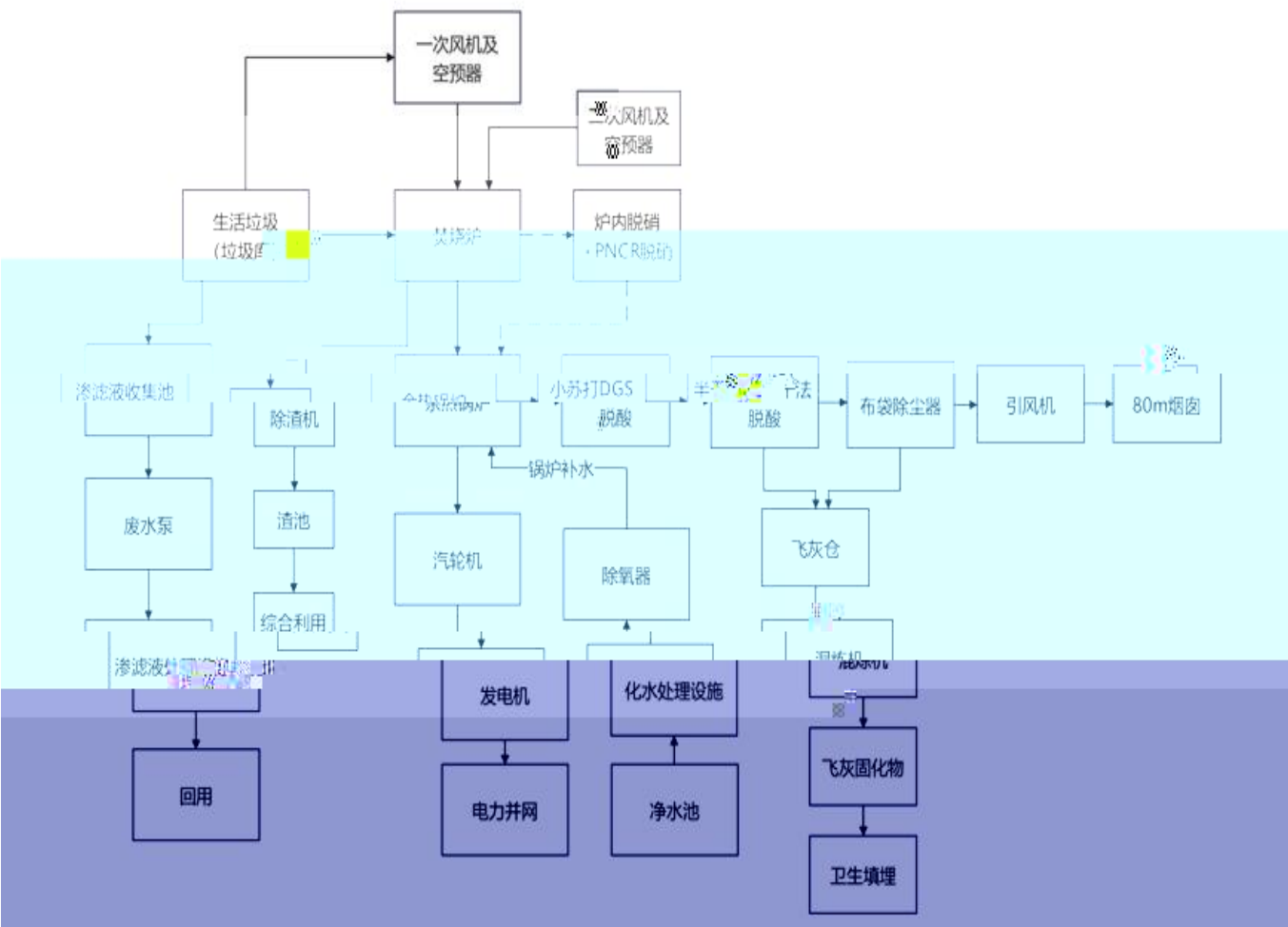


表 2.2-9

回用水水质标准一览表

序号	项目	《城市污水再生利用-工业用水水质》(GB/T19923-2005)		《城市污水再生利用-城市杂用水水质》(GB/T18920-2002) 中道路清扫消防用水
		敞开式循环冷却水补充水	工艺与产品用水	
1	pH值	6.5-8.5	6.5-8.5	6.0-9.0
2	浊度 (NTU) ≤	5	5	10
3	色度≤	30	30	30
4	COD _{Cr} (mg/L) ≤	60	60	-
5	BOD ₅ (mg/L) ≤	10	10	15
6	铁 (mg/L) ≤	0.3	0.3	-
7	锰 (mg/L) ≤	0.1	0.1	-
8	氯离子 (mg/L) ≤	250	250	-

9	总硬度 (以CaCO ₃ 计) (mg/L) ≤	150	150	-
10	硫酸盐 (mg/L) ≤	500	500	-
11	溶解性总固体 (mg/L) ≤	500	500	-

表 2.2-10

本项目水污染物排放标准

泌阳县第二污水处理厂									
序	接管标准			排放标准					
号				泌阳县第二污水处理厂接管标准		城镇污水处理厂污染物排放标准》 (GB18918-2002) 一级A标准			
1	COD	mg/L	355		30				
2	BOD ₅	mg/L	180		10				
3	SS	mg/L	280		10				
4	氨氮	mg/L	28		5				

执行《地下水质量标准》(GB/T 14848-2017)Ⅲ类标准，见表 2.2-11。

表 2.2-11 项目区域地下水环境质量标准 单位：mg/L

序号	评价因子	单位	Ⅲ类标准值
1	pH	-	6.5~8.5
2	氨氮	mg/L	≤0.5
3	总硬度	mg/L	≤450
4	氯化物	mg/L	≤1.0 ≤1.0
5	硫酸盐	mg/L	≤50
6	硝酸盐	mg/L	≤20
7	亚硝酸盐	mg/L	≤0.1
8	高锰酸盐指数	mg/L	≤3.0
9	化学需氧量	mg/L	≤3.0
10	溶解性总固体	mg/L	≤500
11	铁	mg/L	≤0.3
12	锰	mg/L	≤0.1
13	铜	mg/L	≤0.01
14	锌	mg/L	≤0.05
15	镍	mg/L	≤0.02
16	铬(六价)	mg/L	≤0.05
17	铬(三价)	mg/L	≤0.5
18	砷	mg/L	≤0.05
19	汞	mg/L	≤0.001
20	镉	mg/L	≤0.01
21	铅	mg/L	≤0.01
22	铊	mg/L	≤0.001
23	钼	mg/L	≤0.07
24	钴	mg/L	≤0.01
25	银	mg/L	≤0.01
26	铍	mg/L	≤0.001
27	硼	mg/L	≤0.01
28	钨	mg/L	≤0.01
29	铋	mg/L	≤0.001
30	钒	mg/L	≤0.01
31	硒	mg/L	≤0.01
32	氟	mg/L	≤1.0
33	溴	mg/L	≤0.01
34	碘	mg/L	≤0.01
35	铀	mg/L	≤0.001
36	钍	mg/L	≤0.001
37	镭	mg/L	≤0.001
38	锶	mg/L	≤0.01
39	钇	mg/L	≤0.01
40	锆	mg/L	≤0.01
41	铪	mg/L	≤0.01
42	铌	mg/L	≤0.01
43	钽	mg/L	≤0.01
44	钨	mg/L	≤0.01
45	铋	mg/L	≤0.001
46	钼	mg/L	≤0.07
47	钴	mg/L	≤0.01
48	银	mg/L	≤0.01
49	铍	mg/L	≤0.001
50	硼	mg/L	≤0.01
51	钨	mg/L	≤0.01
52	铋	mg/L	≤0.001
53	钒	mg/L	≤0.01
54	硒	mg/L	≤0.01
55	氟	mg/L	≤1.0
56	溴	mg/L	≤0.01
57	碘	mg/L	≤0.01
58	铀	mg/L	≤0.001
59	钍	mg/L	≤0.001
60	镭	mg/L	≤0.001
61	锶	mg/L	≤0.01
62	钇	mg/L	≤0.01
63	锆	mg/L	≤0.01
64	铪	mg/L	≤0.01
65	铌	mg/L	≤0.01
66	钽	mg/L	≤0.01
67	钨	mg/L	≤0.01
68	铋	mg/L	≤0.001
69	钼	mg/L	≤0.07
70	钴	mg/L	≤0.01
71	银	mg/L	≤0.01
72	铍	mg/L	≤0.001
73	硼	mg/L	≤0.01
74	钨	mg/L	≤0.01
75	铋	mg/L	≤0.001
76	钼	mg/L	≤0.07
77	钴	mg/L	≤0.01
78	银	mg/L	≤0.01
79	铍	mg/L	≤0.001
80	硼	mg/L	≤0.01
81	钨	mg/L	≤0.01
82	铋	mg/L	≤0.001
83	钼	mg/L	≤0.07
84	钴	mg/L	≤0.01
85	银	mg/L	≤0.01
86	铍	mg/L	≤0.001
87	硼	mg/L	≤0.01
88	钨	mg/L	≤0.01
89	铋	mg/L	≤0.001
90	钼	mg/L	≤0.07
91	钴	mg/L	≤0.01
92	银	mg/L	≤0.01
93	铍	mg/L	≤0.001
94	硼	mg/L	≤0.01
95	钨	mg/L	≤0.01
96	铋	mg/L	≤0.001
97	钼	mg/L	≤0.07
98	钴	mg/L	≤0.01
99	银	mg/L	≤0.01
100	铍	mg/L	≤0.001
101	硼	mg/L	≤0.01
102	钨	mg/L	≤0.01
103	铋	mg/L	≤0.001
104	钼	mg/L	≤0.07
105	钴	mg/L	≤0.01
106	银	mg/L	≤0.01
107	铍	mg/L	≤0.001
108	硼	mg/L	≤0.01
109	钨	mg/L	≤0.01
110	铋	mg/L	≤0.001
111	钼	mg/L	≤0.07
112	钴	mg/L	≤0.01
113	银	mg/L	≤0.01
114	铍	mg/L	≤0.001
115	硼	mg/L	≤0.01
116	钨	mg/L	≤0.01
117	铋	mg/L	≤0.001
118	钼	mg/L	≤0.07
119	钴	mg/L	≤0.01
120	银	mg/L	≤0.01
121	铍	mg/L	≤0.001
122	硼	mg/L	≤0.01
123	钨	mg/L	≤0.01
124	铋	mg/L	≤0.001
125	钼	mg/L	≤0.07
126	钴	mg/L	≤0.01
127	银	mg/L	≤0.01
128	铍	mg/L	≤0.001
129	硼	mg/L	≤0.01
130	钨	mg/L	≤0.01
131	铋	mg/L	≤0.001
132	钼	mg/L	≤0.07
133	钴	mg/L	≤0.01
134	银	mg/L	≤0.01
135	铍	mg/L	≤0.001
136	硼	mg/L	≤0.01
137	钨	mg/L	≤0.01
138	铋	mg/L	≤0.001
139	钼	mg/L	≤0.07
140	钴	mg/L	≤0.01
141	银	mg/L	≤0.01
142	铍	mg/L	≤0.001
143	硼	mg/L	≤0.01
144	钨	mg/L	≤0.01
145	铋	mg/L	≤0.001
146	钼	mg/L	≤0.07
147	钴	mg/L	≤0.01
148	银	mg/L	≤0.01
149	铍	mg/L	≤0.001
150	硼	mg/L	≤0.01
151	钨	mg/L	≤0.01
152	铋	mg/L	≤0.001
153	钼	mg/L	≤0.07
154	钴	mg/L	≤0.01
155	银	mg/L	≤0.01
156	铍	mg/L	≤0.001
157	硼	mg/L	≤0.01
158	钨	mg/L	≤0.01
159	铋	mg/L	≤0.001
160	钼	mg/L	≤0.07
161	钴	mg/L	≤0.01
162	银	mg/L	≤0.01
163	铍	mg/L	≤0.001
164	硼	mg/L	≤0.01
165	钨	mg/L	≤0.01
166	铋	mg/L	≤0.001
167	钼	mg/L	≤0.07
168	钴	mg/L	≤0.01
169	银	mg/L	≤0.01
170	铍	mg/L	≤0.001
171	硼	mg/L	≤0.01
172	钨	mg/L	≤0.01
173	铋	mg/L	≤0.001
174	钼	mg/L	≤0.07
175	钴	mg/L	≤0.01
176	银	mg/L	≤0.01
177	铍	mg/L	≤0.001
178	硼	mg/L	≤0.01
179	钨	mg/L	≤0.01
180	铋	mg/L	≤0.001
181	钼	mg/L	≤0.07
182	钴	mg/L	≤0.01
183	银	mg/L	≤0.01
184	铍	mg/L	≤0.001
185	硼	mg/L	≤0.01
186	钨	mg/L	≤0.01
187	铋	mg/L	≤0.001
188	钼	mg/L	≤0.07
189	钴	mg/L	≤0.01
190	银	mg/L	≤0.01
191	铍	mg/L	≤0.001
192	硼	mg/L	≤0.01
193	钨	mg/L	≤0.01
194	铋	mg/L	≤0.001
195	钼	mg/L	≤0.07
196	钴	mg/L	≤0.01
197	银	mg/L	≤0.01
198	铍	mg/L	≤0.001
199	硼	mg/L	≤0.01
200	钨	mg/L	≤0.01
201	铋	mg/L	≤0.001
202	钼	mg/L	≤0.07
203	钴	mg/L	≤0.01
204	银	mg/L	≤0.01
205	铍	mg/L	≤0.001
206	硼	mg/L	≤0.01
207	钨	mg/L	≤0.01
208	铋	mg/L	≤0.001
209	钼	mg/L	≤0.07
210	钴	mg/L	≤0.01
211	银	mg/L	≤0.01
212	铍	mg/L	≤0.001
213	硼	mg/L	≤0.01
214	钨	mg/L	≤0.01
215	铋	mg/L	≤0.001
216	钼	mg/L	≤0.07
217	钴	mg/L	≤0.01
218	银	mg/L	≤0.01
219	铍	mg/L	≤0.001
220	硼	mg/L	≤0.01
221	钨	mg/L	≤0.01
222	铋	mg/L	≤0.001
223	钼	mg/L	≤0.07
224	钴	mg/L	≤0.01
225	银	mg/L	≤0.01
226	铍	mg/L	≤0.001
227	硼	mg/L	≤0.01
228	钨	mg/L	≤0.01
229	铋	mg/L	≤0.001
230	钼	mg/L	≤0.07
231	钴	mg/L	≤0.01
232	银	mg/L	≤0.01
233	铍	mg/L	≤0.001
234	硼	mg/L	≤0.01
235	钨	mg/L	≤0.01
236	铋	mg/L	≤0.001
237	钼	mg/L	≤0.07
238	钴	mg/L	≤0.01
239	银	mg/L	≤0.01
240	铍	mg/L	≤0.001
241	硼	mg/L	≤0.01
242	钨	mg/L	≤0.01
243	铋	mg/L	≤0.001
244	钼	mg/L	≤0.07
245	钴	mg/L	≤0.01
246	银	mg/L	≤0.01
247	铍	mg/L	≤0.001
248	硼	mg/L	≤0.01
249	钨	mg/L	≤0.01
250	铋	mg/L	≤0.001
251	钼	mg/L	≤0.07
252	钴	mg/L	≤0.01
253	银	mg/L	≤0.01
254	铍	mg/L	≤0.001
255	硼	mg/L	≤0.01
256	钨	mg/L	≤0.01
257	铋	mg/L	≤0.001
258	钼	mg/L	≤0.07
259	钴	mg/L	≤0.01
260	银	mg/L	≤0.01
261	铍	mg/L	≤0.001
262	硼	mg/L	≤0.01
263	钨	mg/L	≤0.01
264	铋	mg/L	≤0.001
265	钼	mg/L	≤0.07
266	钴	mg/L	≤0.01
267	银	mg/L	≤0.01
268	铍	mg/L	≤0.001
269	硼	mg/L	≤0.01
270	钨	mg/L	≤0.01
271	铋	mg/L	≤0.001
272	钼	mg/L	≤0.07
273	钴	mg/L	≤0.01
274	银	mg/L	≤0.01
275	铍	mg/L	≤0.001
276	硼	mg/L	≤0.01
277	钨	mg/L	≤0.01
278	铋	mg/L	≤0.001
279	钼	mg/L	≤0.07
280	钴	mg/L	≤0.01
281	银	mg/L	≤0.01
282	铍	mg/L	≤0.001
283	硼	mg/L	≤0.01
284	钨	mg/L	≤0.01
285	铋	mg/L	≤0.001
286	钼	mg/L	≤0.07
287	钴	mg/L	≤0.01
288	银	mg/L	≤0.01
289	铍	mg/L	≤0.001
290	硼	mg/L	≤0.01
291	钨	mg/L	≤0.01
292	铋	mg/L	≤0.001
293	钼	mg/L	≤0.07
294	钴	mg/L	≤0.01
295	银	mg/L	≤0.01
296	铍	mg/L	≤0.001
297	硼	mg/L	≤0.01
298	钨	mg/L	≤0.01
299	铋	mg/L	≤0.001
300	钼	mg/L	≤0.07
301	钴	mg/L	≤0.01
302	银	mg/L	≤0.01
303	铍	mg/L	≤0.001
304	硼	mg/L	≤0.01
305	钨	mg/L	≤0.01
306	铋	mg/L	≤0.001
307	钼	mg/L	≤0.07
308	钴	mg/L	≤0.01
309	银	mg/L	≤0.01
310	铍	mg/L	≤0.001
311	硼	mg/L	≤0.01
312	钨	mg/L	≤0.01
313	铋	mg/L	≤0.001
314	钼	mg/L	≤0.07
315	钴	mg/L	≤0.01
316	银	mg/L	≤0.01
317	铍	mg/L	≤0.001
318	硼	mg/L	≤0.01
319	钨	mg/L	≤0.01
320	铋	mg/L	≤0.001
321	钼	mg/L	≤0.07
322	钴	mg/L	≤0.01
323	银	mg/L	≤



附表 1: 执行标准

检测项目	执行标准限值(mg/kg)	检测项目	执行标准限值(mg/kg)
锌	60	三氯乙烯	2.0
镉	65	1,1,1-三氯丙烷	0.5
六价铬	5.7	氯乙烯	0.43
铜	18000	苯	4
铅	800	氯苯	270
汞	20	1,2-二氯苯	560
砷	400	1,2-二氯苯	20
1,1-二氯乙烷	2.8	甲苯	1200
氯仿	0.9	乙苯	28
1,1,1-三氯乙烷	5	苯乙烯	1090
1,1-二氯乙烷	5	邻-1,2-二氯苯	570
1,1-二氯乙烷	5	对-1,2-二氯苯	640
1,1-二氯乙烷	5	对-1,2-二氯苯	76
1,1-二氯乙烷	66	苯胺	26
顺-1,2-二氯乙烷	596	2-氯酚	225
二噁英类 (总毒性当量)			
检测项目	执行标准限值		
二噁英类 (总毒性当量)	4×10 ⁻⁵		

[illegible]

续上表				
检测类别	检测项目	检测标准（方法）名称及编号（含年号）	仪器设备名称及型号	检出限
	砷	土壤和沉积物 汞、砷、硒、铋、锑的测定 微波消解/原子荧光法 HJ 700-2014	原子荧光光度计 PF32	0.01mg/kg
	汞		原子荧光光度计	

BÁ

