



SONADEZI CORPORATION

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ALLOWABLE LIMITS OF PARAMETERS AND CONCENTRATION OF WASTEWATER TO BE ACCEPTED TO WASTEWATER TREATMENT CENTER IN LONGTHANH INDUSTRIAL ZONE

1. Maximum allowable limits to wastewater treatment factory

No.	Parameters	Unit	Input Limit
1	Temperature	°C	35
2	pH	-	5 -10
3	Color (pH=7)	Pt/Co	100
4	BOD ₅	mg /l	100
5	COD	mg /l	300
6	Total Suspended Solid	mg/l	100
7	As	mg/l	0.041
8	Hg	mg/l	0.004
9	Pb	mg/l	0.081
10	Cd	mg/l	0.041
11	Cr ⁶⁺	mg/l	0.041
12	Cr ³⁺	mg/l	0.162
13	Cu	mg/l	1.62
14	Zn	mg/l	1.00
15	Ni	mg/l	0.162
16	Mn	mg/l	0.405
17	Fe	mg/l	0.81
18	CN ⁻ (Cyanide)	mg/l	0.057
19	Phenol	mg/l	0.081
20	Mineral oil and fat	mg/l	20
21	Cl ₂	mg/l	0.81
22	Total PCBs	mg/l	0.00243
23	Total organic phosphorus	mg/l	0.243
24	Total organic chlorine	mg/l	0.0405
25	S ²⁻	mg/l	2
26	F ⁻	mg/l	4.05
27	Cl ⁻	mg/l	405
28	N-NH ₃	mg/l	20
29	Total Nitrogen	mg/l	40
30	Total phosphorus	mg/l	10
31	Coli form	MPN/100 ml	Not specified
32	Gross α activity	Bq/l	0.10
33	Gross β activity	Bq/l	1.0



2. Wastewater standard after treatment of the wastewater treatment system

Outflow of Long Thanh wastewater treatment plant follow the standard to the current national technical regulations of industrial wastewater.

When Vietnamese government establishes new standards, this annex should be adjusted in order to follow new standards.