

Compliance

We have maintained a good record of compliance with environmental, health and safety laws and regulations over the years. In the last 5 years, there has not been any non-compliance that leads to any legal citations for the Company. Regular self-inspections, quality, environmental, health and safety audits are conducted throughout the year to ensure that legal obligations are more than fully met. Routine measurement and monitoring is carried out for emissions and effluents.

Air Emissions

To-date, 95% of our electricity production is by using the clean natural gas. The environmentally cleaner generation is evident from our surrounding Senoko Garden, where flora and fauna are thriving with fruit trees and flowers. The standard of concentration of air impurities is described in Code of Practice on Pollution Control (2000 edition). The applicable air impurities to Senoko operations are:

Item	Substance	Regulatory Limit	2005 Average	Reference
1	NOx	700 mg/Nm ³	237 mg/Nm ³	Chart No. 2
2	Soot	100 mg/Nm ³	<100 mg/Nm ³	Chart No. 3
3	Smoke density	Ringelmann No. 1	Ringelmann No. 1	Monthly chart to NEA
3	SO ₂	500 mg/Nm ³	Negligible	-

With burner retrofit at GT11-22 completed at the Siemens GT life cycle, NOx level currently is at a low 200 for CCP1-2. At CCP3-5, NOx level is always below 100 mg/Nm³. For the whole of 2005, NOx is 237 mg/Nm³. The higher reading was contributed by GT21-22 before their burner retrofit. The Company can look forward to performance at around the 100 level in 2006.

20. The concentration of sulphur in near zero and SO₂ poses no issue to Senoko. NEA has waived the requirement of SO₂ measurement.

Effluent Discharge to waterways

21. The water treatment plants at CCP1-2 & CCP3-5, and the Desalination Plant adjacent to the jetty has received compliance certificate. The Stage II/III lagoon water collected from boiler & EP washing is treated to acceptable pH level before discharging back into the sea. Based on the manual samples collected, Senoko is in full compliance with NEA Pollution Control for effluent discharge into waterway. Refer to independent 3rd party water sample analysis attached.

Sample Reference : Three (03) water samples were received on 09/01/2006 and labelled as follows :

- 1) Drain Near Wastewater Treatment (06/01/06, 16:00hrs)
- 2) Drain Near Jetty (06/01/06, 1500hrs)
- 3) Lagoon 2 (06/01/06, 09:30am)

Results :

Description	Unit	Test Method	Samples			* Water-course
			1	2	3	
pH value	-	APHA : Pt 4500 H ⁺	7.88	7.12	7.14	6-9
Biochemical Oxygen Demand	mg/L	APHA : Pt 5210 B	<2 [†]	<2 [†]	<2 [†]	50
Chemical Oxygen Demand	mgO ₂ /L	APHA : Pt 5220 B	167	<50 [†]	<50 [†]	100
Total Suspended Solids	mg/L	APHA : Pt 2540 D	14.8	<10 [†]	49.2	50
Oil & Grease	mg/L	APHA : Pt 5520 B	<10 [†]	<10 [†]	<10 [†]	10
Oil & Grease (Hydrocarbon)	mg/L	APHA : Pt 5520 F	<10 [†]	<10 [†]	<10 [†]	10
Oil & Grease (Non-hydrocarbon)	mg/L	By Calculation	<10 [†]	<10 [†]	<10 [†]	-
Iron as Fe	mg/L	APHA : Pt 3120 B	0.17	0.47	2.80	10

Remarks:

1. APHA is a Standard Method for the Determination of Water and Waste Water (APHA 20th Edition : 1998)
2. † = Not Detectable (The reported values are less than (<) the detection limits of the test methods)
3. * = Trade Effluent regulations for Watercourse.

Future Performance

The environmental strategy of the Company is focussed on maintaining our excellent track record and building a clear leadership role in the Community.