

113年度煙道廢氣委託檢測結果一覽表

採樣日期及爐號		1 號爐				O ₂ 參考基準
		02/15-16				
排放標準	檢驗項目					
	氯化氫(ppm)	60	ND (<3)			11%
	氮氧化物(ppm)	220	66			11%
	硫氧化物(ppm)	150	4			11%
	一氧化碳(ppm)	150	6			11%
	粒狀污染物 (mg/Nm ³)	註三	1			11%
	鉛(mg/Nm ³)	0.2	ND (<0.0126)			11%
	鎘(mg/Nm ³)	0.02	ND (<0.00124)			11%
	汞(mg/Nm ³)	0.050	0.0031			11%
	揮發性有機物 (ppm)	-	2			11%
	採樣單位		台旭環境			
	檢測單位		台旭環境			
	報告簽署人		葉明美			

註一：ND 表示低於方法偵測極限。

註二：依「空氣污染防制法」第 22 條及 92 年 2 月 19 日環保署訂定發布「固定污染源自行或委託檢測及申報管理辦法」第 3 條、第 5 條規定，本廠煙道廢氣每季委託檢測 1 爐 1 次。

註三：粒狀污染物排放標準依環保署公告「一般廢棄物焚化爐空氣污染物排放標準」由檢測時排氣量換算 ($C=1364.2Q^{-0.386}$) 而得。本廠第 113 年第 1 季委託檢測粒狀污染物排放標準經換算為 84mg/Nm³。

The Result of Outsourcing Detection of Stack Emission in ROC 113

Sampling date and incinerator number		No.1				O ₂ Reference standard
Emission Test items	standards	02/15-16				
HCl(ppm)	ND (<3)	3				11%
NO _x (ppm)	66	81				11%
SO _x (ppm)	4	ND (<2)				11%
CO(ppm)	6	13				11%
Particulate matter(mg/Nm ³)	1	2				11%
Pb(mg/Nm ³)	ND (<0.0126)	ND (<0.0131)				11%
Cd(mg/Nm ³)	ND (<0.00124)	ND (<0.00131)				11%
Hg(mg/Nm ³)	0.0031	0.0015				11%
VOC(ppm)	2	4				11%
Sampling institution		Taiwan-Asahi Environmental Technology Co., Ltd				
Detection institution		Taiwan-Asahi Environmental Technology Co., Ltd				
Report undersigned		Ming-Mei Yeh				

Ref 1 : ND represents the result is lower than the detection limit.

Ref 2 : Pursuant to Article 22 of "Air Pollution Act" and 固定污染源自行或委託檢測及申報管理辦法第 3 條、第 5 條, each incinerator should conduct once a year regular tests of stack emissions.

Ref 3 : The emission standard of particulate matter is converted based on emission quantity $C=1364.2Q^{-0.386}$ according to the "Waste Incinerator Air Pollutant Emissions Standards" which is enacted by Environmental Protection Administration Executive Yuan. The emission standard of particulate matter in the 1st season is respectively 84 mg/Nm³.