

Permit requirement - IC10

Requirement:

The Operator shall carry out emissions monitoring for hydrogen chloride and hydrogen fluoride (as F) at air emission points A8/1 and A8/2 when the plant is in full production to measure the emissions to air from the zinc-nickel plating process. Based on the results of the monitoring the Operator shall assess the need for, and develop an on-going monitoring program for the zinc-nickel plating process as necessary. The Operator shall provide a report to Natural Resources Wales with proposals for a monitoring program or provide full justification as to why a monitoring program may not be necessary.

Emissions Monitoring Results:

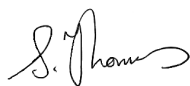
Emissions monitoring was carried out for the zinc nickel process on the 29th of April 2015. The results of the monitoring are shown below in Table 1.

Table 1	Emission point A8/1	Emission point A8/2	Emission Limit – Process Guidance Note 4/01(13)
Hydrogen Chloride (HCl)	0.77 mg/m ³	1.22 mg/m ³	-
Hydrogen Fluoride (HF)	<0.05 mg/m ³	<0.05 mg/m ³	5 mg/m ³

The measured emissions from the Zinc Nickel process are low and below the emission limits stated in the Process Guidance Note 4/01(13). There are also no Air Quality Strategy Objectives or European limit values for HCl or HF.

Therefore, based on the results of the monitoring it is planned to conduct emissions monitoring on a three yearly basis.

The next emission monitoring for the plant will be planned for 2018



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