

NPI Reporting

Case Study: Coal and Metalliferous Mining

Client: Various

Project Summary

Advitech has assisted companies in preparing National Pollutant Inventory (NPI) returns since the NPI's inception in 1998. Our existing NPI clients are from a diverse range of industry sectors including steel making and steel products manufacturing, food and beverage, mining, chemical and petrochemical industries.

Advitech have a detailed knowledge of the mining industry. We understand that the focus of emissions reporting shifts over the life of the mine, as rates of active mining, waste emplacement and production levels change. Advitech has developed a series of robust and user friendly emission calculation tools that are flexible enough to accommodate the dynamic nature of the mining industry. The calculation tools simplify NPI reporting while maintaining accuracy and transparency.

Each process is visually documented within the calculation tool, allowing for specific emission sources to be turned on or off depending on the operations for that year. This simple and transparent method ensures a consistent approach for each and every reporting period, enabling meaningful comparisons of results to assess environmental performance and trends.

Advitech has extensive experience in NPI reporting. We take pride in assisting clients to use the emission data collected during the NPI process in a meaningful way, in addition to meeting reporting requirements. Quality emission data can be a valuable management tool, reducing environmental liabilities and licensing fees.

Advitech is a member of the Department of Environment, Water, Heritage and the Arts (DEWHA) Consultancy Panel.

Additional information is available on the Advitech's website (www.advitech.com.au), including an example NPI calculation spreadsheet.

Example Project

- In 2007/08 Advitech assisted Port Waratah Coal Services (PWCS) to reduce reportable emissions by distinguishing between particulate emissions from washed and unwashed coal. Discussions with the NPI Unit and development of a more favourable emission factor for washed coal allowed PWCS to report a lower emission in the NPI.



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