

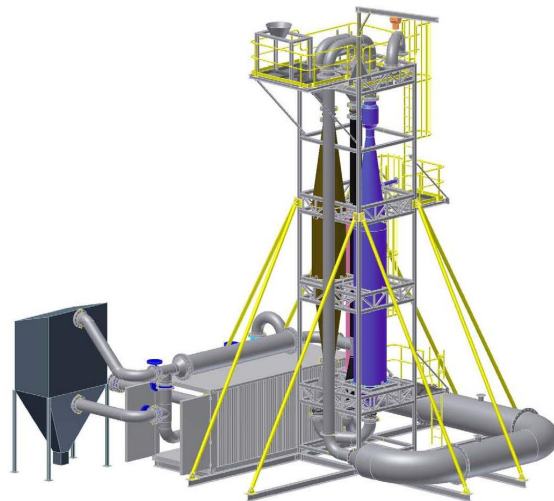


Technology Solution for Management of Mercury Emissions When Utilising Biosolids in Cement Kilns

Update 1

This technology demonstration project currently being conducted in Australia as part of the Asia Pacific Partnership on Clean Development and Climate (APP) is well underway.

Indigo Technologies involvement is the supply and operation of a commercial scale pilot MAPSystem (Multi Air Pollutant System). Subject to the success of the pilot project, this device will be used to manage mercury discharge requirements from the process when biosolids are introduced to the process as a supplementary fuel source. The process, structural and mechanical design engineering phases are nearing completion and a third party HAZOP study has been completed with no major operational hazards identified. Indigo Technologies is aiming to start manufacture early in the New Year with delivery on site expected by May 2010. The first set of test results are expected in July 2010.



Concept drawing only

This project is just one of several projects currently being conducted by the APP. The desired outcomes for this group of projects is the increased awareness of options for the responsible use of alternate fuels; reduced fossil fuel-derived CO₂ emissions from cement production and waste incineration; and reduced emission intensities for SO₂, NO_x, particulate matter and other pollutants of interest.

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¹ The views expressed herein are not necessarily the views of the Commonwealth, and the Commonwealth does not accept responsibility for any information or advice contained herein.

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