



**Australian Acoustical Society**

A.C.N. 000 712 658  
NEW SOUTH WALES DIVISION

## **TECHNICAL MEETING**

### **Assessing environmental noise compliance of upgrade projects within long-term existing industrial sites**

- Date:** Tuesday 25<sup>th</sup> September 2012
- Venue:** National Acoustics Laboratories
- Time:** 6:30 pm
- Speakers:** Colin Tickell, Hatch Associates

Many large industrial sites have a long historical presence at the same location and regularly upgrade process plant and equipment to maintain economics of their operation. Such upgrades require development approval supported by an EIS and associated studies. Environmental noise can be a significant aspect of some projects or sites because of the nature of their proposed operation or location. The NSW Industrial Noise Policy is the guiding document for identifying environmental noise objectives and for assessing the proposal.

Post commissioning, compliance is assessed by identifying the noise contribution from the new plant items and comparing this to the objectives. The rest of the plant on site may contribute higher sound levels in receiver areas.

This talk will describe how this has been done for major projects at two sites - BlueScope Steel Port Kembla steelworks, and Boral Berrima Cement Plant. Both companies have operations that have continued at the same sites since the 1930's and have many older items of plant. The talk will describe how noise objectives were established for new projects whilst existing plant on the sites were operating 24-hours / 7-days per week, how objectives for new plant items were set, and how compliance with the contribution objectives was demonstrated.

Colin Tickell is an environmental engineer with Hatch, a consulting engineering company for mining, metals, energy and infrastructure industries. Colin has been working in the area of noise with Hatch for over 30 years and has been working with the BlueScope Steel and Berrima Cement sites for 10 years.

**Members and guests of members are welcome to attend.**

**Refreshments will be provided.**

**RSVP FOR CATERING PURPOSES BY**

Thursday 20<sup>th</sup> September 2012 to Tracy Gowen by email [tgowen@renzotonin.com.au](mailto:tgowen@renzotonin.com.au)