



To Wollongong City Council

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From David De Santi, BlueScope Steel, Industrial Markets  
Port Kembla Steelworks

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Date 6 September 2010

## ***Statement of Environmental Effects***

### ***BlueScope Steel , Port Kembla Steelworks Removal and Replacement of No.2 and No.3 BOS Flare Stacks***

#### **Purpose**

The purpose of the project is to remove the two remaining BOS Flare Stacks in the Port Kembla Steelworks.

#### **Current Situation**

There are 3 BOS Flare Stacks. No.1 Flare Stack was replaced in June this year.

The two remaining stacks are approximately 30 years old, are surrounded by a lattice style cage and require constant maintenance.

The new standard design stacks will be the same height as the existing, self supporting and constructed in 3-4 sections. The overall height of a stack is 85.6m.

#### **Description**

The development involves:

- Dismantling of the existing stacks
- Installation of new stacks.

#### **Construction Drawings**

Deposited Plan Number - DP 606434

417944/12 - Site Location

398748 – Photographs

86293, 86294 – Existing Stacks

398759 – Site Plan

##### **No 2 Stack, New**

521136 – General Arrangement

521137, 521138 – Platform Sections and Details

##### **No 3 Stack, New**

522975 – General Arrangement

522976, 522977 – Platform Sections and Details

## **Environmental Impact**

### **Traffic**

There will be no additional impact on traffic volumes.

### **Water Consumption**

There will be no change in water consumption.

### **Stormwater**

The current area is drained to an on-site stormwater collection basin. There will be no changes to the amount of run-off collected and the catchment size.

### **Noise**

There will be no change in traffic movements on the Steelworks road system and therefore noise levels for the adjacent community will not be affected. The demolition and construction process will generally be carried out during daylight hours, and is not expected to generate noise audible beyond the Steelworks boundary.

### **Air**

There are no new production facilities producing air quality impacts. Samples of air quality are currently taken at level 5 for the stacks and will remain the same as existing. Platforms will be provided at this level on the new stacks and sampling equipment kept at this level. This project will not change the quality or quantity of air emissions from this facility. The demolition and construction process will be carried out in a manner designed to minimise the potential for dust emissions.

### **Waste**

All waste material generated during the demolition process will be recycled where possible. Wastes that cannot be recycled will be disposed of via appropriately licensed facilities.

### **Direct Project Contact**

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