

Project Approval

Section 75J of the *Environmental Planning and Assessment Act 1979*

I approve the project application referred to in Schedule 1, subject to the conditions in Schedule 2.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.



The Hon Kristina Keneally MP
Minister for Planning

Sydney

15 Dec

2008

SCHEDULE 1

Application No:	08_0132
Proponent:	BlueScope Steel (AIS) Pty Ltd
Approval Authority:	Minister for Planning
Land:	Lot 1 DP 606434, Port Kembla Steelworks
Project:	Steel Injection Station Project

DEFINITIONS

BCA	Building Code of Australia
Construction	Construction of the new plant and demolition of the existing pilot plant
Council	Wollongong City Council
Department	Department of Planning
Director-General	Director-General of the Department (or delegate)
DWE	Department of Water and Energy
EA	Environmental Assessment named " <i>Steel Injection Station Project, Environmental Assessment</i> ", prepared by CH2MHill Australia Pty Ltd for BlueScope Steel (AIS) Pty Ltd, and dated October 2008
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EP&A Regulation	<i>Environmental Planning & Assessment Regulation 2000</i>
Minister	Minister for Planning
Project	Steel Injection Station Project (as described in the EA)
Proponent	BlueScope Steel (AIS) Pty Ltd
Reasonable and Feasible	Reasonable relates to the application of judgement in arriving at a decision taking into account the development as approved, mitigation benefits, costs of mitigation versus benefits provided, community views and the nature and extent of potential improvements. Feasible relates to engineering considerations on what is practical to build.
Site	Land to which the project application applies
Statement of Commitments	BlueScope Steel (AIS) Pty Ltd's Statement of Commitments prepared by CH2MHill Australia Pty Ltd, and dated 3 October 2008

SCHEDULE 2 ADMINISTRATIVE CONDITIONS

Obligation to Minimise Harm to the Environment

1. The Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or decommissioning of the project.

Terms of Approval

2. The Proponent shall carry out the project generally in accordance with the:
 - a) EA;
 - b) site plans (see Appendix A);
 - c) statement of commitments (see Appendix B); and
 - d) conditions of this approval.

If there is any inconsistency between the documents referred to above, the latter document shall prevail to the extent of any inconsistency.

3. The Proponent shall comply with any reasonable requirement/s of the Director-General arising from the Department's assessment of:
 - a) any reports, plans, strategies, programs or correspondence that are submitted in accordance with this approval; and
 - b) the implementation of any actions or measures contained in these reports, plans, strategies, programs or correspondence.

Structural Adequacy

4. The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.

Notes:

- Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works.
- Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.

Demolition

5. The Proponent shall ensure that all demolition work is carried out in accordance with *Australian Standard AS 2601-2001: The Demolition of Structures*, or its latest version.

Operation of Plant and Equipment

6. The Proponent shall ensure that all plant and equipment used on the site is maintained and operated in an efficient manner.

SPECIFIC ENVIRONMENTAL CONDITIONS

AIR

7. The Proponent shall carry out all reasonable and feasible measures to minimise the dust generated by the project, including wind-blown and traffic generated dust.
8. The Proponent shall ensure that the duration of any temporary stockpiling is minimised. In the event that temporary stockpiling of the excavated material is required, the Proponent shall cover or spray over the stockpiles with water to minimise the potential for dust generation.
9. The Proponent shall prepare an Air Quality Emissions Verification Report for the project to the satisfaction of the Director-General. This plan must:
 - a) be submitted to the Director-General for approval within 4 months of the commencement of operation;
 - b) be prepared in consultation with DECC; and
 - c) include:
 - post commissioning stack testing results from the Number 2 BOS Secondary Dedusting Stack;
 - comparison of the measured emissions against the predictions made in the EA and relevant DECC criteria;
 - comparison of pre and post commissioning pollutant emissions (concentration and mass load) from the Number 2 BOS Secondary Dedusting Stack;

- assessment of the dust removed by the dust extraction system cyclone; and
- contingency measures in case of exceedances of the relevant DECC air quality emissions criteria in the surrounding area to ensure compliance with the criteria.

SOIL AND WATER

- The Proponent shall ensure that section 120 of the *Protection of the Environment Operations Act 1997* (prohibition of pollution of waters) is complied with in and in connection with the carrying out of the project.
- The Proponent shall not intercept the groundwater without obtaining prior approval from the Department of Water and Energy.
- Prior to commencement of construction works, the Proponent shall implement erosion and sediment controls in accordance with the Department of Housing and Landcom's *Managing Urban Stormwater: Soils and Construction*.
- All temporary stockpiles must be stored away from stormwater lines and any natural runoff flows.
- Contaminated soil disturbed during construction is to be managed and disposed of at an appropriately licensed facility.

NOISE

- Unless it has obtained prior written consent from DECC, the Proponent shall comply with the restrictions in Table 1.

Table 1: Hours of Operation

Activity	Day	Time
Construction	Monday – Friday	7:00am to 6:00pm
	Saturday	8:00am to 1:00pm
	Sunday and Public Holidays	Nil
Commissioning & Operation	Monday - Sunday	Anytime

- During construction, the Applicant shall take all reasonable and feasible measures to minimise the noise impacts of the development to the satisfaction of the Director-General.

HAZARDS

Construction

- The Proponent shall prepare and implement a Construction Hazard Plan for the project to the satisfaction of the Director-General. This plan must:
 - be approved prior to the commencement of construction of the project, or as otherwise agreed by the Director-General; and
 - include a:
 - **Hazard and Operability Study** for the project that has been prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 8 – HAZOP Guidelines* by a suitably independent and qualified expert whose appointment has been approved by the Director-General, and includes a program for the implementation of all the recommendations made in the study, including justification for the delayed implementation of any recommendations; and
 - **Construction Safety Study** for the project that has been prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 7 – Construction Safety Study Guidelines*.

Operation

- The Proponent shall prepare and implement an updated Safety Management System for the project to the satisfaction of the Director-General. This system must:
 - be approved prior to the commencement of commissioning of the project, or as otherwise agreed by the Director-General;
 - be prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No.9 'Safety Management'*;
 - cover all on-site operations and associated transport activities involving hazardous materials; and

- d) specify all safety related procedures, responsibilities and policies, along with mechanisms for ensuring adherence to the procedures.

Records shall be kept on-site and be available for inspection by the Director-General upon request.

Incident Reporting

19. The Proponent shall notify the Director-General of incidents causing or threatening material harm to the environment as soon as practicable after the Proponent becomes aware of the incident. Within 7 days of the date of the incident, the Proponent shall provide the Director-General with a written report on the incident.

WASTE

20. The Proponent shall ensure that all waste generated on the site during the project is classified in accordance with the DECC's Environmental Guidelines: *Waste Classification Guidelines* and disposed of to a facility that may lawfully accept the waste.
21. The Proponent shall implement all reasonable and feasible measures to minimise the waste generated by the project to the satisfaction of the Director-General.

**APPENDIX A
SITE PLANS**

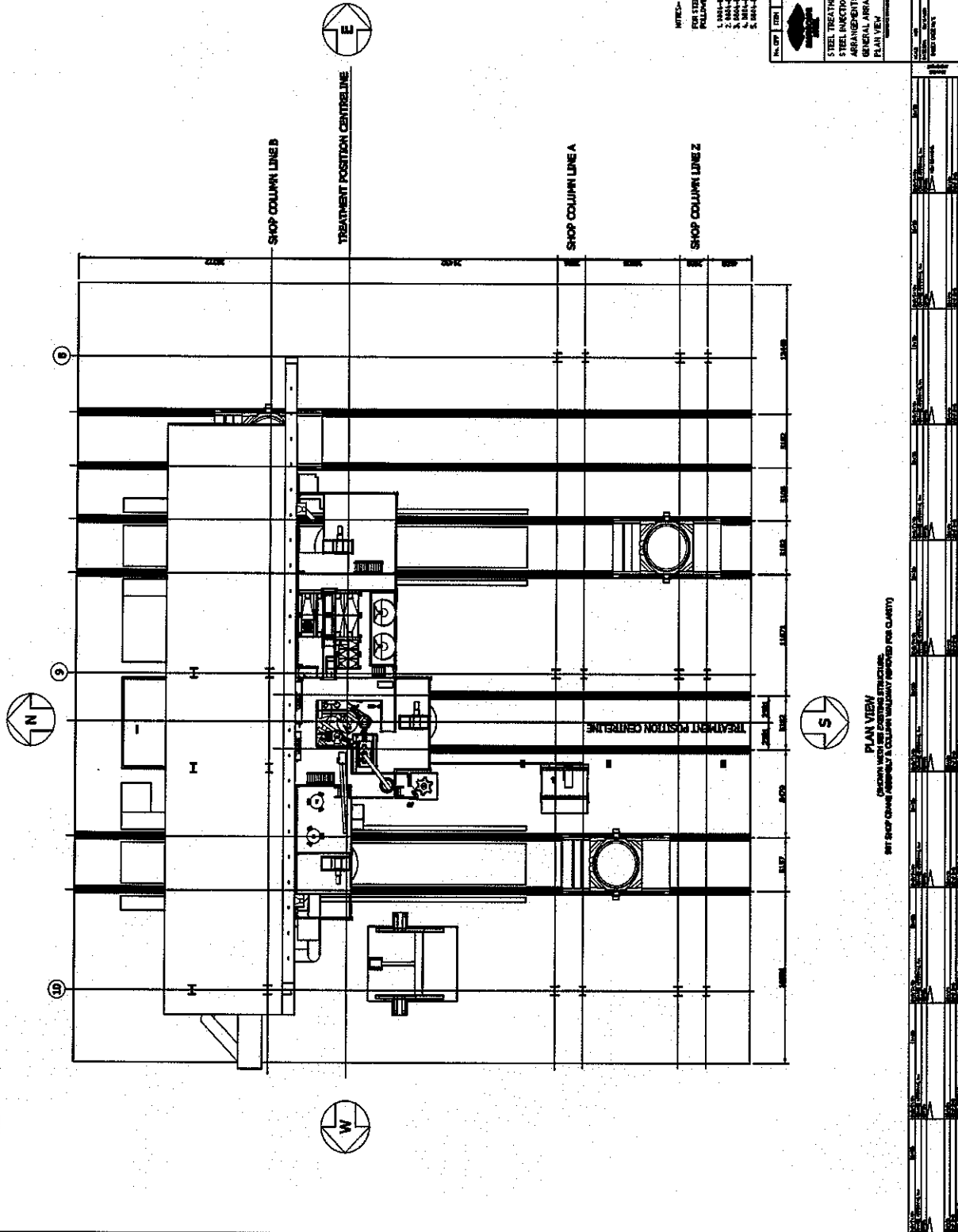


Figure 1: Layout Plan of the Proposed Steel Injection Station



Figure 2: Elevation Plan of the Proposed Steel Injection Station

[illegible]

APPENDIX B
STATEMENT OF COMMITMENTS

13 Statement of Commitments

In accordance with Part 3A of the *Environmental Planning & Assessment Act 1979* and the Department of Planning's Environmental Assessment Requirements, the following chapter outlines BlueScope Steel's commitment of environmental management, mitigation and monitoring measures as part of the Steel Injection Station (SIS) Project.

The Statement of Commitments details the commitments that BlueScope Steel will undertake as well as compliance with any of the Minister for Planning's Project Approval Conditions.

1. Statutory Commitments

- 1.1. BlueScope Steel will ensure that all statutory licenses, permits and approvals are obtained and maintained for the Project. Copies of all relevant licences, permits and environmental approvals will be available within the PKSW site at all times during the Project.

2. Project Compliance

- 2.1. BlueScope Steel will establish a project specific induction program for employees, contractors and sub-contractors which will incorporate responsibilities under relevant statutory licences, permits and environmental approvals.
- 2.2. BlueScope Steel will ensure that employees, contractors and subcontractors are inducted in the project induction program prior to commencing work on the site.

3. Management of Key Modification Issues

3.1. Air Quality Impacts

- 3.1.1. After commissioning of the new SIS, BlueScope Steel will undertake monitoring of stack emissions (from stack Id, 27) within the first three months of operation to validate the air assessment as outlined in this Environmental Assessment. The results of the stack emission monitoring will be submitted to the Department of Environment and Climate Change (DECC).
- 3.1.2. If the stack emission monitoring results from the air assessment as outlined in Section 3.1.1 indicate that the stack emissions are, on average significantly higher than the current stack emissions due to the operation of the SIS, BlueScope Steel will undertake an investigation to determine the source of the increase. In consultation with the DECC, BlueScope will consider whether further action is required based on the results of the investigation.

3.2. Noise

- 3.2.1. Within 6 months of commissioning of the new SIS, BlueScope Steel will undertake a noise assessment to compare the current noise levels in the vicinity of the SIS to the noise levels within the BOS building. The results will be submitted to the DECC.

- 3.2.2. Based on the results from the noise assessment as outlined in Section 3.2.1, BlueScope Steel will determine, in consultation with DECC, whether further noise monitoring or implementation of noise reduction measures is required.

3.3. Hazard and Risk

- 3.3.1. All hazardous goods will be stored and handled in accordance with all relevant Australian Standards, legislation and guidelines.

3.4. Waste

- 3.4.1. During construction and operation of the SIS Project, waste types generated will be identified and classified. Wastes generated will be re-used and/or recycled where possible. If re-use or recycling is not possible, waste will be disposed of at an appropriate site.

4. Environmental Management and Reporting

Construction Environmental Management Plan

- 4.1. BlueScope Steel will implement a SIS Project Construction Environmental Management Plan.

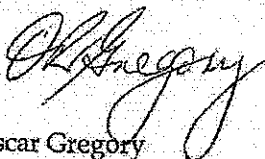
Operational Environmental Management

- 4.2. BlueScope Steel will update and implement the relevant operational, environmental and safety management procedures as a result of the new SIS.

5. Commitment

- 5.1. This commitment is made under authority of the undersigned, who is legally empowered to make this undertaking on behalf of the applicant, BlueScope Steel Limited ABN 19 000 019 625:

Signature:



Name: Oscar Gregory

Position: General Manager - Iron and Slab

Date: 3/10/2008