



NSW GOVERNMENT
Department of Planning

Major Projects Assessment
Major Development Assessment
Phone: (02) 9228 6457
Fax: (02) 9228 6466
Email: georgia.ivancevic@planning.nsw.gov.au
Room 304, Level 3
23-33 Bridge Street
GPO Box 39
SYDNEY NSW 2001

Mr Andrew Schofield
Development Manager
TCG Planning
PO Box 848
WOLLONGONG NSW 2500

Dear Mr Schofield

**Director-General's Requirements
Cookson Plibrico Refractory Project
Project Application MP 09_0045**

The Department has received your application for the Cookson Plibrico Refractory at 10-12 Sylvester Avenue, Unanderra Industrial Estate.

I have attached a copy of the Director-General's requirements for the project. These requirements have been prepared in consultation with the relevant agencies, and are based on the information you have provided to date. I have also attached a copy of the agencies comments for your information.

Please note that the Director-General may alter these requirements at any time.

If your proposal is likely to have a significant impact on matters of National Environmental Significance, it will require an approval under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). This approval is in addition to any approvals required under NSW legislation. It is your responsibility to contact the Department of Environment, Water, Heritage and the Arts in Canberra (6274 1111 or <http://www.environment.gov.au>) to determine if the proposal requires an approval under the EPBC Act. The Commonwealth Government has accredited the NSW environmental assessment process, so if it is determined that an approval is required under the EPBC Act, please contact me immediately as supplementary Director-General's requirements may need to be issued.

I would appreciate it if you would contact the Department at least two weeks before you propose to submit your Environmental Assessment for the project. This will enable the Department to determine the:

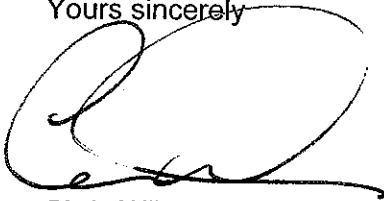
- applicable fee (see Division 1A, Part 15 of the *Environmental Planning and Assessment Regulation 2000*);
- consultation and public exhibition arrangements; and
- number of copies (hard-copy or CD-ROM) of the Environmental Assessment that will be required for exhibition purposes.

Once it receives the Environmental Assessment, the Department will review it in consultation with the relevant agencies to determine if it adequately addresses the Director-General's requirements, and may require you to revise it prior to public exhibition.

The Department is required to make all the relevant information associated with the project publicly available on its website. Consequently, I would appreciate it if you would ensure that all the documents you subsequently submit to the Department are in a suitable format for the web, and arrange for an electronic version of the Environmental Assessment to be hosted on a suitable website during the exhibition period.

If you have any enquiries about these requirements, please contact Georgia Ivancevic on 9228 6457 or Georgia.Ivancevic@planning.nsw.gov.au.

Yours sincerely



9.7.09

Chris Wilson
Executive Director
Major Project Assessment
As delegate for the Director-General

Director-General's Requirements

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

Application number	MP 09_0045
Project	Cookson Plibrico proposes to construct and operate of a new refractory manufacturing plant and associated infrastructure in the Unanderra Industrial Estate to replace its existing plant at Sandon Point.
Location	10-12 Sylvester Avenue, Unanderra, Lots 1 & 2, DP 1064872
Date of Issue	March 2009
Proponent	Cookson Plibrico Pty Ltd
General Requirements	The Environmental Assessment of the project must include: • an executive summary; • a detailed description of the project, including the: – need for the project; – alternatives considered; – likely staging of the project; and – plans of any proposed building works. • a risk assessment of the potential environmental impacts of the project, identifying the key issues for further assessment; • a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment (see above), which includes: – a description of the existing environment, using sufficient baseline data; – an assessment of the potential impacts of all stages of the project, including any cumulative impacts, taking into consideration any relevant statutory provisions and technical or policy guidelines (see below); – a description of the measures that would be implemented to avoid, minimise, mitigate, rehabilitate/remediate, monitor and/or offset the potential impacts of the project, including detailed contingency plans for managing any potential significant risks to the environment; • a statement of commitments, outlining all the proposed environmental management and monitoring measures; • a conclusion justifying the project on economic, social and environmental grounds, taking into consideration whether the project is consistent with the objects of the <i>Environmental Planning and Assessment Act 1979</i>; • a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading.
Key Issues	• Air Quality and Odour – including an air quality assessment on particulate emissions and emissions associated with ceramic works, including fluorine, nitrogen oxides and sulphur dioxide, and details of the pollution control systems for the proposed refractory plant; • Soils & Water– including the proposed erosion and sediment controls (during construction); water quality management; the proposed stormwater management system; water supply including consideration of the potential for rainwater harvesting / recycling; wastewater disposal, including sewage and spill containment and bunding; • Noise & Vibration – including construction, operation and traffic noise and particularly the impact of the proposed development to sensitive receptors; • Traffic – including details of access to the site; details of the traffic volumes likely to be generated during construction and operation; an

	assessment of the predicted impacts of this traffic on the safety and the capacity of the surrounding road network and car parking requirements; • Waste – including the accurate estimates of the quantity and classification of all potential sources of liquid and non-liquid waste to be generated by the project and how this waste would be handled, processed and, if necessary, disposed of; • Visual – assess the visual impact of design and siting of the facilities & buildings, lighting and any signage; • Greenhouse Gas and Energy Efficiency – including an assessment of the energy use on site, and demonstrate what measures would be implemented to ensure that the proposal is energy efficient; and • Hazards and Risk – including a Preliminary Hazard Analysis (PHA) of the refractory plant including a detailed assessment of the potential off-site risks.
References	While not exhaustive, the following attachment contains a list of guidelines, policies, and plans that may be relevant to the project.
Consultation	During the preparation of the Environmental Assessment, you should consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups or affected landowners. In particular you must consult with the: • Department of Environment and Climate Change; • Roads and Traffic Authority; and • Wollongong City Council. The consultation process, and the issues raised during this process, must be described in the Environmental Assessment.
Deemed refusal period	60 days

Technical and Policy Guidelines

Aspect	Policy /Methodology
Risk Assessment	AS/NZS 4360:2004 Risk Management (Standards Australia) HB 203: 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
Air Quality	Protection of the Environment Operations (Clean Air) Regulation 2002 Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW (DEC) Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)
Odour	Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC) Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)
Soil and Water	
<i>Soil</i>	Managing Urban Stormwater: Soils & Construction (Landcom) Managing Urban Stormwater: Harvesting and Reuse (DECC) Managing Urban Stormwater: Treatment Techniques (EPA)
<i>Surface Water</i>	Managing Urban Stormwater: Source Control (EPA) National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ) National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ) National Water Quality Management Strategy: Guidelines for Sewerage Systems - Effluent Management (ARMCANZ/ANZECC) National Water Quality Management Strategy: Guidelines for Sewerage Systems - Use of Reclaimed Water (ARMCANZ/ANZECC) National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMCC & AHMC) Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC) Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC) Floodplain Risk Management Guideline: Practical Consideration of Climate Change (DECC)
Noise and Vibration	NSW Industrial Noise Policy (DECC) Environmental Criteria for Road Traffic Noise (NSW EPA) Environmental Noise Control Manual (DECC) Assessing Vibration: A Technical Guideline (DECC)
Traffic	Guide to Traffic Generating Development (RTA) Road Design Guide (RTA)
Waste	Waste Classification Guidelines (DECC) Resource Recovery Exemptions (Land Application) Guidelines (DECC)
Visual	Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)

