

**Attachment 1: Environmental Assessment Requirements  
Aluminium Dross Processing Facility (DA4980/90-Mod-8 and DA391/80-Mod-9)**

- 1. Description of the modification**, including:
  - detailed justification for the proposed modification
  - a detailed description of the proposed modification, including the relationship with and changes to existing operations and any staging
  - identification of conditions to be modified and proposed wording of any new or modified conditions
  - identification of any proposed variations to other licences and approvals.
- 2. Details of the existing operations on site**, including:
  - a description of existing and approved operations/facilities, including licences or statutory approvals that apply to these
  - a summary of the existing conditions of consent that would be relevant to the proposal
  - a summary of the existing environmental management and monitoring regime
  - detailed plans of the existing and proposed site layout and structures
  - a table detailing compliance with existing conditions of consent.
- 3. Assessment of the modification**, including:
  - a detailed assessment of the key issues specified below, the public authority requirements and any other significant issues identified by a risk assessment, which includes:
    - an assessment of all potential impacts of the proposal on the existing environment and measures to avoid, minimise, mitigate and/or manage these potential impacts, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment
    - an assessment of the potential impacts of all stages of the development, including any cumulative impacts of the proposal with the existing operations on site.
- 4. Strategic and statutory context**, including:
  - consideration of all relevant legislation, strategies, environmental planning instruments, including identification for any inconsistencies
  - detailed justification the proposal is substantially the same development as the development to which consent was originally granted, as per s4.55(2) of the EP&A Act.
- 5. Air quality**, including:
  - a quantitative Air Quality Impact Assessment (AQIA) of the potential air quality, dust and odour impacts of all stages of the development (construction and operation) in accordance with the relevant Environment Protection Authority guidelines, including an assessment of cumulative impacts associated with existing emissions sources as well as any currently approved developments within the vicinity of Tomago Aluminium.
  - the details of buildings and air handling systems and strong justification (including quantitative evidence) for any material handling, processing or stockpiling external to a building
  - details of proposed mitigation, management and monitoring measures.
- 6. Waste management**, including:
  - a description of the waste streams that would be accepted at the facility including maximum daily, weekly and annual throughputs and the maximum size for stockpiles
  - a detailed description of waste processing operations (including flow diagrams for each waste stream) including a description of the technology to be installed, resource outputs, and the quality control measures that would be implemented
  - details of how waste would be stored (including the maximum daily waste storage capacity of the site) and handled on site, and transported to and from the site, including details of how the receipt of non-conforming waste would be dealt with
  - details of the dross tracking system for incoming and outgoing waste

- details of the waste management strategy for construction and ongoing operational waste generated
  - the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the NSW Waste and Sustainable Materials Strategy 2041.
- 7. Traffic and access**, including:
- a traffic impact assessment
  - plans of the proposed layout of the internal road and network and parking on site
  - plans demonstrating how all vehicles associated with construction and operation awaiting loading, unloading or servicing can be accommodated on the site to avoid queuing in the street network
  - swept path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site for both heavy and light vehicles.
- 8. Soil and water**, including:
- an assessment of potential surface water impacts including details of existing surface water and stormwater management system(s) and measures to treat, reuse or dispose of water
  - details of proposed mitigation, management and monitoring measures.
- 9. Noise and vibration**, including an assessment of potential construction, operational and transport noise in accordance with relevant Environment Protection Authority guidelines .
- 10. Hazard and risk**, including a preliminary risk screening completed in accordance with State Environmental Planning Policy No. 33 – Hazardous and Offensive Development and Applying SEPP 33 (DoP, 2011),
- 11. Fire and incident management**, including:
- technical information on the environmental protection equipment to be installed on the premises such as air, water and noise controls, spill clean-up equipment and fire management
  - the measures that would be implemented to ensure that the development is consistent with the *Fire Safety Guideline: Fire safety in waste facilities 2020* (FRNSW).
- 12. Consultation** with relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners, particularly the EPA and Council.
- 13.** A table indicating where each element of the SEARs is addressed in the modification application.