

Dust Management –Whyalla Shared Facility

What are our significant dust sources & associated controls?

Dust Source	Controls
Process dust emissions	- procedures / specific documented process controls - Environment Management Plans (EMP's)
Stack Emissions	- cleaning plants / wet scrubbers / precipitators - process control
Loading	- minimise drop height - consider weather conditions
Roads	- water carts - dust binding chemicals - road sweepers (on sealed roads)
Stockpiles	- water cannon - surface crusting agent
Transfer points	- enclosures - baghouse - atomising sprays
Open Areas	- open areas closure / minimisation - reduced traffic / disturbance - water carts - surface crusting agent
Screening	- atomising sprays - hoods and covers - procedures

Whose responsibility is it?

EVERYONE is responsible for dust management

Each plant area is responsible for:

- determining sources of fugitive dust emissions
- implementing control measures
- checking & ensuring dust control measures are effective

What are the impacts of fugitive dust?

- Reduced visual amenity due to dust staining
- Regulatory attention (Licence non-compliance)
- Complaints
- OH&S issues
- Increased maintenance & running costs for some equipment
- Impacts to neighbouring community & third-party property damage



What are the regulatory requirements?

- To comply with our **EPA Licence Conditions (Indenture Licence for the Shared Whyalla Facility)** & Environment Protection Legislation
- To take all reasonable & practicable measures to prevent or minimise the generation of dust from all handling operations, stockpiles, open areas & transport activities
- To take all reasonable & practicable measures to maintain & operate all fuel burning equipment in a proper & efficient manner
- To ensure that nuisance dust levels experienced by the wider community are monitored & actions undertaken to minimise the effect

Fugitive Dust Ranking Standard-

A simple standard that utilises an illustrated table that all personnel can use to rank dust emission levels & provides clear instruction for corrective action

What can you do?

- Carry-out regular FDR observations
- Immediately respond with EMP controls
- Report incidents as required

Elevated dust levels can be a source of environmental, safety & health hazards.

