

Fugitive Dust Management Operations

1 PURPOSE

- To ensure that fugitive dust is kept to a minimum and is consistently controlled by best practice at IOC Labrador City.

2 SCOPE

- This procedure applies to all operations at IOC Labrador City.

3 DEFINITIONS

Fugitive Dust is dust that is not emitted from definable point sources such as industrial smokestacks. Sources include open fields, roadways, storage piles, etc.

4 PROCESS

4.1 – GENERAL REDUCTION / PREVENTION

4.1.1 – IOC will minimize the emission of fugitive dust from our mining, transport, stockpile and tailings operations through the use of dust control systems and procedures. Contact area management for details.

4.1.2 - IOC will ensure where practicable, that dust control systems and procedures are efficient through regular reviews of ambient air monitor measurements located throughout the community. Contact an Advisor – Environment for details.

4.2 – DUST MANAGEMENT MINING OPERATIONS

4.2.1 – The Mine Operations department will develop and maintain a standard operating procedure to support best practise in dust management in the mining operations. See HSE Advisor – Mining Operations for details.

4.3 – DUST MANAGEMENT LOADOUT OPERATIONS

4.3.1 – The Pellet Plant Loadout department will develop and maintain a standard operating procedure to support best practise in dust management for boom stacker and stockpile operations. See area management for details.

4.4 – DUST MANAGEMENT TAILINGS

4.4.1 – The IOC Environment Department will ensure that tailings re-vegetation is carried out on an annual basis as per the rolling 5-year plan to minimize wind-blown fugitive dust. See an Advisor - Environment for plan details.

4.5 – DUST SUPPRESSION ON ROADS

4.5.1 – Report dusty conditions to a Supervisor and take interim measures to mitigate the issues. This may require reducing speeds, or during very poor conditions, temporarily modifying or stopping operations.

4.5.2 – Water trucks, managed through Mine Operations, are to be used to ensure that all roads are kept in a condition that will minimise the generation of fugitive dust.

5 ACCOUNTABILITIES

5.1 Accountability

Superintendent Mine Operations, Superintendent Load out, Environment personnel, Area Supervisors & All Personnel

5.2 Responsibility

Role	Responsibility
Superintendent Mine Operations	<ul style="list-style-type: none"> Minimise emissions through dust control systems & practice dust management in mining operations.
Superintendent Product Handling	<ul style="list-style-type: none"> Minimise emission through dust control systems & practice dust management for boom stacker and stockpile operations.
Environment personnel	<ul style="list-style-type: none"> Reviews ambient air monitor measurements throughout community & reviews tailings re-vegetation.
Mine Operations Supervisor	<ul style="list-style-type: none"> Use of water truck to maintain fugitive dust.
All Personnel	<ul style="list-style-type: none"> Report dusty conditions to Supervisors.

6 REFERENCES

- [RT HSE Definitions](#)

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