

DEPARTMENT	OPERATING AREA
Environmental	Morenci
BMP NO.	BMP TITLE
103	Excess Air Emissions Reporting



Air Releases



Exposure to
Hazardous
Substances - Chronic

Purpose and Scope:

To provide guidelines for Freeport-McMoRan Morenci Inc. employees in the event of potential excess air emissions. Excess air emissions are exceedances of emission limits, opacity standards, or other air quality conditions in the Freeport-McMoRan Morenci Title V Air Quality Permit.

FMMI's Air Permit limits the amount of emissions allowed for a given source. Some general opacity limits include **20% for point sources** and **40% for non-point sources**; however, other limits or restrictions may exist depending on the equipment. Visual opacity is determined by conducting a Visual Emission Observation (VEO) and requires observers to be certified. Examples of point sources are but not limited to screening and crushing operations, conveyor transfer and stacker discharge points and stack emissions. Examples of non-point sources includes, but is not limited to fugitive sources such as haul roads, heavy equipment operation, drills, shovels, stockpiles, and tailings impoundments. FMMI's Air permit requires the facility to report all excess emissions as specified in Morenci's current Air permit.

Safety: Exposure to Hazardous Substances- Chronic

Responsible Parties:

General Manager	Air quality compliance for the Administration, Processing and Mine Divisions. Supporting appropriate actions to maintain compliance.
Division Manager	Air quality compliance for each Division. Supporting appropriate actions to maintain compliance.
Superintendent	Supporting appropriate actions to maintain compliance. Ensuring supervisors take appropriate actions to maintain compliance.
Supervisor	Recognizing and responding immediately to dust and excess emission concerns. Taking appropriate action to maintain compliance and contacting Environmental Services with any concerns or incidents. Ensuring operators comply with this BMP.
Operators	Follow this BMP at all times. Monitor dust control equipment to ensure compliance to permit. Notify supervisory of air quality concerns.
Environmental Services	Perform required Method 9 visible emission opacity readings. Report any excess emission events to Arizona Department of Environmental Quality.

Specialized Tools/Skills/Training:

All personnel shall receive training or access to this BMP for excess emissions on Morenci property. Training will be provided by Supervisors or Environmental Representatives.

Procedures:

Operations are responsible for notifying Morenci Management and Environmental Services of any air emission concerns.

Records: Environmental Services will maintain records of all Method 9 observation forms and Bi-weekly opacity observations.

QUESTIONS OR NEED HELP?

Contact your Environmental Representative or Environmental Services at (928) 865-6000

Revision Date	Revision Date	Revision Description	Reviewer	Final Approver
0	8/14/18	Existing online format	Environmental Personnel	Environmental Personnel
1	9/8/2022	Update to new BMP format	MC	KRK
2	5/29/2024	Revised BMP	CM	CLW
3	7/24/2025	Reviewed	CM	CLW