

> INDUSTRIAL AND MINING

PATCHING ASSOCIATES ACOUSTICAL ENGINEERING

➤ INDUSTRIAL AND MINING NOISE IMPACTS

Noise resulting from the operation of industrial and mining facilities can result in noise complaints and expensive retrofits. Patching Associates has effectively assessed and managed noise emissions from a variety of mining, manufacturing and water treatment facilities.

A Noise Impact Assessment (NIA) is an effective tool for controlling noise during the design phase of the project. Patching Associates has significant experience completing accurate and reliable NIAs for industrial and mining facilities. Our level of detail is high and we receive few supplementary information requests, expediting the approval process. If an NIA is not completed, a facility application could be delayed or rejected, and enforcement action may be taken during operations.

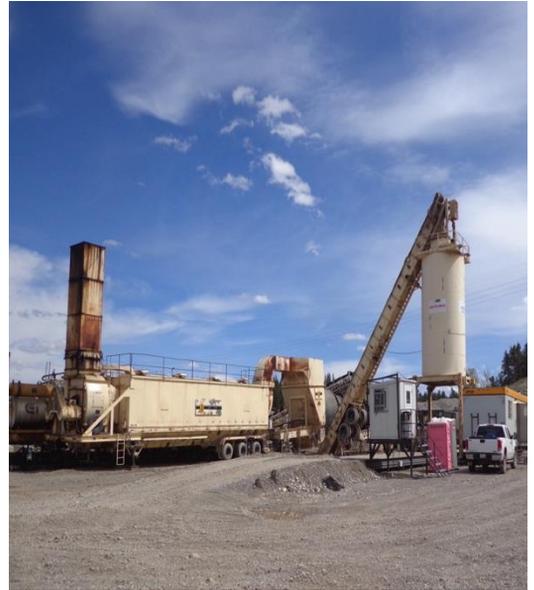
➤ ACCURATE MODELING AND ANALYSIS

Patching Associates maintains an extensive database of noise emission levels for various industrial and mining equipment, obtained through precise field measurements. By utilizing accurate noise emission data for each piece of equipment, Patching Associates minimizes excessive conservatism in the noise model.

Patching Associates utilizes sophisticated noise modeling software including CadnaA® and SoundPlan®, to accurately model outdoor sound propagation. We have developed standardized methodologies and processes that integrate with noise-modeling software to provide timely turnaround and response to client projects.

➤ MITIGATE RISK. MAINTAIN COMPLIANCE.

Patching Associates understands complex regulatory environments and has proven knowledge and experience in assisting licensees to meet regulatory noise control and management requirements. We have experience in attending regulatory hearings and providing expert testimonies for the mining industry.



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