

## 25 HOT WORKING OF METALS

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### CASE STUDY

The management of Axis Metals is reviewing efforts to improve safety and working conditions at its main foundry. It began several months ago by focusing on the work environment and improving ventilation, lighting, and maintenance procedures. Its efforts paid off and employees are pleased with the changes.

Management, however, feels it still has work to do in terms of noise levels and housekeeping around its magnesium operations. Noise levels at the plant fluctuate, but have sometimes been measured at 90 dBA. Management feels housekeeping around the facility's magnesium grinding operations could be better and has decided to start a campaign to remind employees about the dangers of magnesium dust.

1. What are some of the problems related to controlling noise levels in foundries?
2. What good housekeeping tips can you recommend for magnesium operations?
3. What other safety concerns are associated with magnesium grinding?