



## ABOUT GMG GUIDELINES

GMG guidelines are peer-reviewed documents that offer good practices, guide on the implementation and adoption of new technologies, or develop industry alignment. They are the product of industry-wide collaboration based on experience and lessons learned. The guidance aims to help identify key considerations, good practices, and questions to ask on the topic covered and enable operational improvements for safe, sustainable, and productive mines.

Industry stakeholders use these guidelines to:

- Understand industry consensus on a topic
- Reference for operational procedures
- Train and educate
- Support strategy and business cases development
- Align corporate direction with industry needs
- Support research and development
- Support communications with a customer/supplier
- Understand market needs
- Help set up or implement new systems or solutions
- Analyze or benchmark operations

### Other GMG Publications

While guidelines are the primary output of GMG projects, GMG also produces other documentation such as white papers, reports on events and research, and case studies.

### Relationship with Standards and Other Work

GMG Guidelines are not standards and should not be treated as such. They aim to supplement, not replace, existing standards, regulations, and company policies. Guidelines can also be a first step in identifying common and successful practices and feed into standardization efforts.

Guideline	Standard
Descriptive	Prescriptive
Identifies and recommends common practices and supports standardization	Informs policy and regulation
Broader/general	Specific
Shorter development process	Longer development process

These guidelines are developed based on common experiences and good practices. While they sometimes reference recognized academic findings, they should also not be treated as academically rigorous.

## CORE PRINCIPLES

### Industry-led

GMG guidelines aim to reflect the views and input of all stakeholders and regions to the best extent possible.

### Operator-driven

While GMG guidelines might have multiple audiences, they are driven by the needs of mine operators.

### Non-prescriptive

GMG guidelines describe options and practices to consider based on collective knowledge and experience but are not a replacement for technical expertise or standards.

### Vendor-neutral

GMG guidelines should present vendor-neutral methodology and content.

### Globally relevant

GMG guidelines should aim to provide guidance that can be applied globally and guide readers to consult local sources for specifics.

### Open

GMG guidelines are openly available online, and participation in their development is not limited to GMG members.

### Perfect is the enemy of very good

GMG guidelines should be good and useful products, but they do not need to be perfect.



## TYPES OF GUIDELINES AND CONTENT

The following types of guidelines are commonly developed. Guidelines can also be more than one type. Other types might also emerge based on need.

<b>Practical How-to / Good Practice</b>	Helps the user perform a particular task, series of tasks, or exercise in a common way. Enables easier benchmarking and standardization.
<b>Solutions and Technology Innovations</b>	Explores innovations such as new solutions and technologies or innovative business processes.
<b>Industry Alignment</b>	Focuses on developing alignment or consensus in the industry (e.g., common definitions)
<b>Education</b>	<i>(More often done in white papers than guidelines)</i> Focuses on educating the industry on a particular topic. This can be because it is new to the industry or because there is a need to paint a bigger picture of what is going on in the industry and to identify future work.

The following content types are frequently included in GMG guidelines:

- Guidance on technical or implementation considerations such as design, infrastructure, and IT/OT
- Descriptions of use cases and scenarios
- Guidance on management considerations such as recommended processes, risk management, human factors, and change management.
- Maturity models and common language, definitions, and terminology
- References to where to look external sources and standards
- Background and educational content
- Examples such as case studies and use cases

## ABOUT GMG

The Global Mining Guidelines Group (GMG) is a not-for-profit organization that brings the global mining community together by providing a platform for collaboration and a space that fosters network and relationship-building between stakeholders from within and across the mining industry.

This open and inclusive hub for innovators to gather facilitates and mobilizes the sharing of knowledge, expertise, and experience to develop operator-driven guidance, resources, and common practices that can be operationalized in response to some of the industry's most pressing demands across the globe.

In response to the industry's most pressing needs and to support the ongoing technology transformation in the mining system, GMG is building a sense of community and developing a network made up of a diverse group of stakeholders from around the world.

For more information about project processes consult the [GMG Governance Manual](#).  
For further information on GMG and access to publications visit <https://gmgroup.org/>.