

IRMA

Initiative for Responsible
Mining Assurance



MINE MEASURE
responsible mining self-assessment

Instruction Manual for Auditors

MINE MEASURE:

responsible mining self-assessment
and audit preparation tool

July 2021

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MINE MEASURE
responsible mining self-assessment

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IRMA Fundamentals

IRMA is a voluntary certification system **for large-scale mines**

1. The IRMA Standard for Responsible Mining

- Best practice requirements on 26 topics – a comprehensive and rigorous mining standard
- Standard was developed through a robust **multi-stakeholder** process

2. A third-party, independent assurance system

- Auditors external to the mining company evaluate whether a mine is meeting the IRMA requirements
- The **audits include site visits** and **input from rights holders**, mine workers and stakeholders

IRMA Standard for Responsible Mining

Comprehensive coverage of mining issues – 26 chapters grouped under four principles

Business Integrity

- Legal compliance
- Stakeholder engagement
- Human rights due diligence
- Stakeholder complaints mechanism
- Revenue and payments transparency / anti-corruption

Planning for Positive Legacies

- Env. and social impact assessment and management
- Free, Prior and Informed Consent
- Community Support and Benefits
- Resettlement
- Emergency Preparedness and Response
- Planning and financing reclamation and closure

Social Responsibility

- Labor rights
- Worker health and safety
- Community health and safety
- Conflict-affected and high-risk areas
- Security arrangements
- Cultural heritage protection
- Artisanal and small-scale mining (ASM)

Environmental Responsibility

- Water management
- Waste (tailings) management
- Air quality
- Greenhouse gas emissions
- Noise management
- Biodiversity, ecosystem services and protected areas
- Cyanide management
- Mercury management

IRMA Governance

IRMA is led by a multi-sector Board, using an equitable governance model (i.e., each sector has the same voting rights).

Mining Companies	Purchasing Companies	NGOs	Organized Labor	Affected Communities	Investors and Finance*
Anglo American ArcelorMittal	Tiffany & Co Microsoft	Earthworks Human Rights Watch	United Steelworkers IndustriALL Global Union	First Nations Advocating Responsible Mining (Canada) Mining Affected Communities United in Action (South Africa)	*This constituency was added in 2020 and board members are currently being considered.

System Fundamentals

1

For industrial-scale mines

Mines anywhere on the planet can participate

2

Applies to all mined materials

Except energy fuels such as uranium, thermal coal, oil sands, oil and gas

3

Assessment at the mine site level

Companies aren't certified, but can put all of their mines into the system if they choose

4

Certification at the best practice level

But mines at any performance level can participate, and show continuing improvement over time

IRMA Achievement Levels

Not an Achievement Level



IRMA FUNDAMENTALS

Self-Assessment

Mines rate themselves.
 Required for mines seeking independent 3rd-party assessment.
Option to share publicly.

IRMA Transparency

Auditors assess performance.

IRMA 50

Auditors assess performance.
 Mines must meet a set of **40 critical* requirements**, as well as 50 or 75% of the requirements in each of the four Principle areas of the Standard.
 * minor nonconformity allowed for critical requirements if timebound corrective action plan in place.

IRMA 75

**IRMA 100
 "Certified"**

Auditors assess performance.
 Mines must meet **all*** relevant requirements.
 * minor nonconformity only allowed for non-critical requirements, and only if timebound corrective action plan in place.

—Must undergo independent, 3rd-party audit and share results publicly to be able to make public claims about reaching an achievement level and —

Independent, 3rd-party Verification

Audits are in two stages:

- Stage 1 is a **desk review** by auditors of a mine's self-assessment results and uploaded evidence, with additional discussions with auditors as necessary
- Stage 2 is an **on-site visit** of facilities, meetings with site management, and interviews with workers and stakeholders

Audit Cycle:

- Mines undergo surveillance audits (a much reduced scope) **12 - 18 months** after initial audit reports are published
- Mines are **re-audited every 3 years** to maintain certification or other achievement level (or increase achievement level if scores improve sufficiently)

Independent, 3rd-party Verification

Audit results reviewed prior to certification decision:

- Mines review draft audit results and can point out errors of fact
- Mines may choose to take up to 12 months to implement corrective actions and have them verified before audit results are finalized and released publicly
- IRMA Director of Standards and Assurance reviews draft audit report as part of IRMA's certification body oversight function

Summary of audit results made public:

- Information on mine site context, audit process, mine site scores, achievement level, and auditor ratings and comments for each requirement are included
- Mines have opportunity to request redaction of confidential or legally sensitive information from auditor comments
- Report is published on IRMA website and Responsible Mining Map

Independent, 3rd-party Verification

Assessment Phases



Self-Assessment

Completing the pre-audit self-assessment could take **a few weeks to several months** depending on the number of relevant chapters, and the availability of critical mine site staff to fill in and upload necessary information.



3rd-Party Assessment

Audit planning and completion of Stages 1 and 2 of the independent, 3rd-party assessment could take **as little as 3 - 4 months**. More time will be necessary if the mine has not adequately filled out the self-assessment. More time may be taken if the mine wants to try to close some gaps between stages 1 and 2.



Certification / Verification Decision

After Stage 2, it will take about **3 months** to finalize the draft audit report.. Decision (and release of public report) may be deferred for up to 12 months if the mine opts to implement corrective actions for non-conformities (e.g., to achieve a higher performance level).



Surveillance Audit

This must take place between **12 and 18 months** after the certification / verification decision.



Recertification Audit

This must take place within **36 months (3 years)** after the certification / verification decision.

1. Mine Site will give you access to the tool

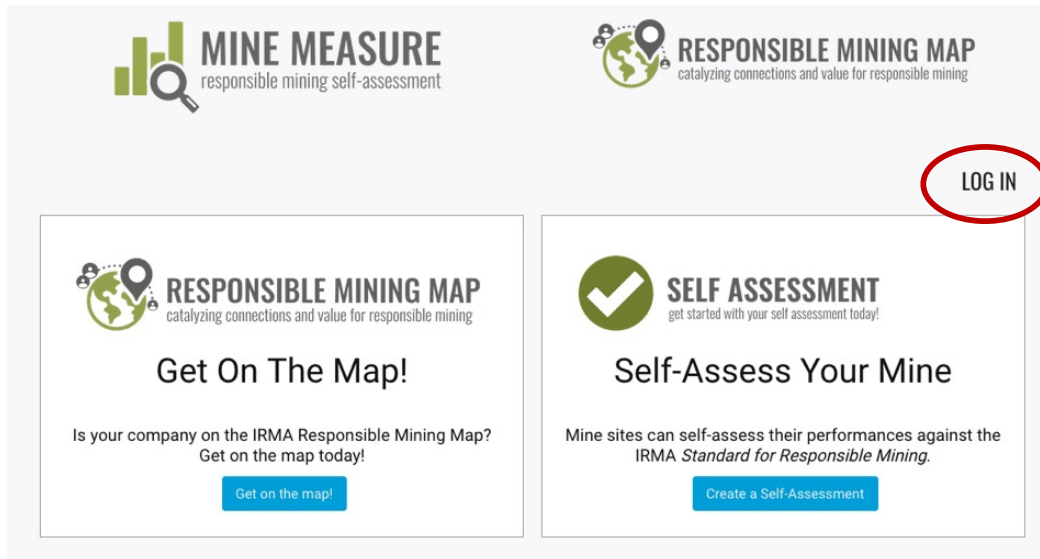
Different Types of Access

- **Owners:** Can access all account information (mine site profiles, self-assessments), add new users and change information
- **Editors:** Can add to and change information in self-assessments and mine profiles that they have permission to edit, can add other users
- **Viewers:** Can only view information, not change or download it
- **Auditors:** Can view and download information, not change it

2. Log in to your account

Go to: <https://tools.responsiblemining.net/>

Log in to your account (your login is your email address)



MINE MEASURE
responsible mining self-assessment

RESPONSIBLE MINING MAP
catalyzing connections and value for responsible mining

RESPONSIBLE MINING MAP
catalyzing connections and value for responsible mining

Get On The Map!

Is your company on the IRMA Responsible Mining Map?
Get on the map today!

[Get on the map!](#)

SELF ASSESSMENT
get started with your self assessment today!

Self-Assess Your Mine

Mine sites can self-assess their performances against the
IRMA *Standard for Responsible Mining*.

[Create a Self-Assessment](#)

LOG IN

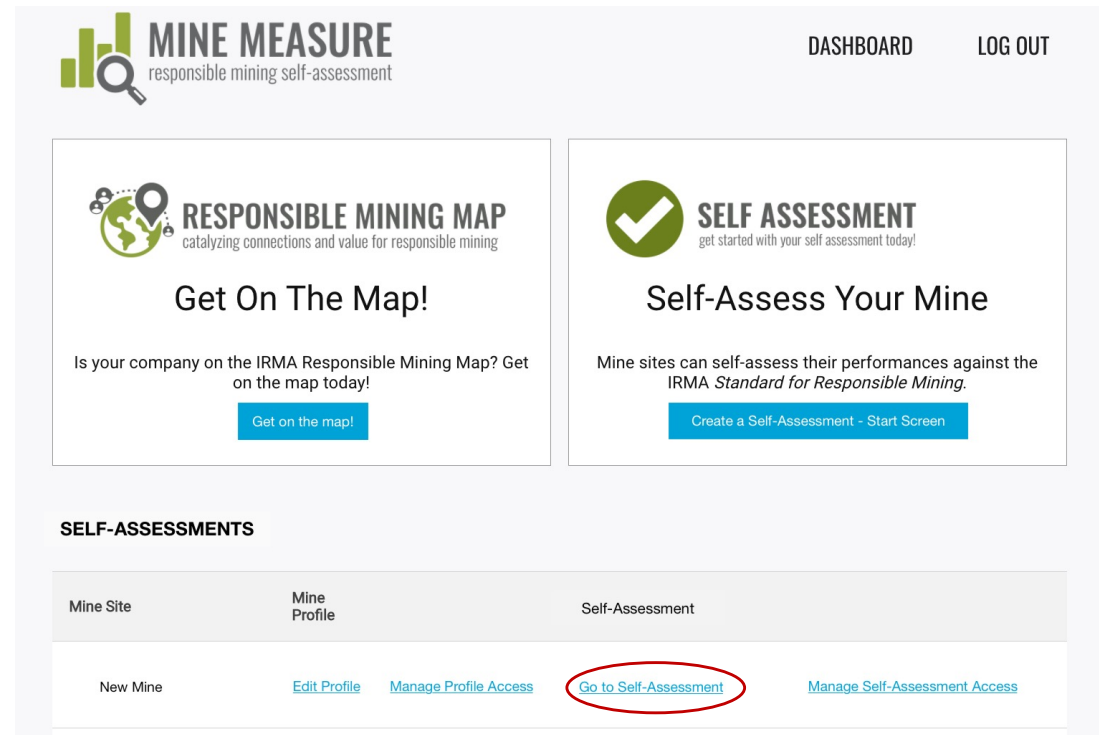
Tips

- If you failed to set up a password when you were first added to the account, go to: <https://tools.responsiblemining.net/account/reset>
- If you try to log in and it does not work, try this link: <https://tools.responsiblemining.net/logout>

Using The Tool

Begin the review

Auditors access the mine's self-assessment from your dashboard



The screenshot shows the MINE MEASURE dashboard. At the top left is the logo. At the top right are 'DASHBOARD' and 'LOG OUT' links. Below the logo are two main cards:

- RESPONSIBLE MINING MAP**: 'catalyzing connections and value for responsible mining'. Card title: 'Get On The Map!'. Text: 'Is your company on the IRMA Responsible Mining Map? Get on the map today!'. Button: 'Get on the map!'.
- SELF ASSESSMENT**: 'get started with your self assessment today!'. Card title: 'Self-Assess Your Mine'. Text: 'Mine sites can self-assess their performances against the IRMA Standard for Responsible Mining.'. Button: 'Create a Self-Assessment - Start Screen'.

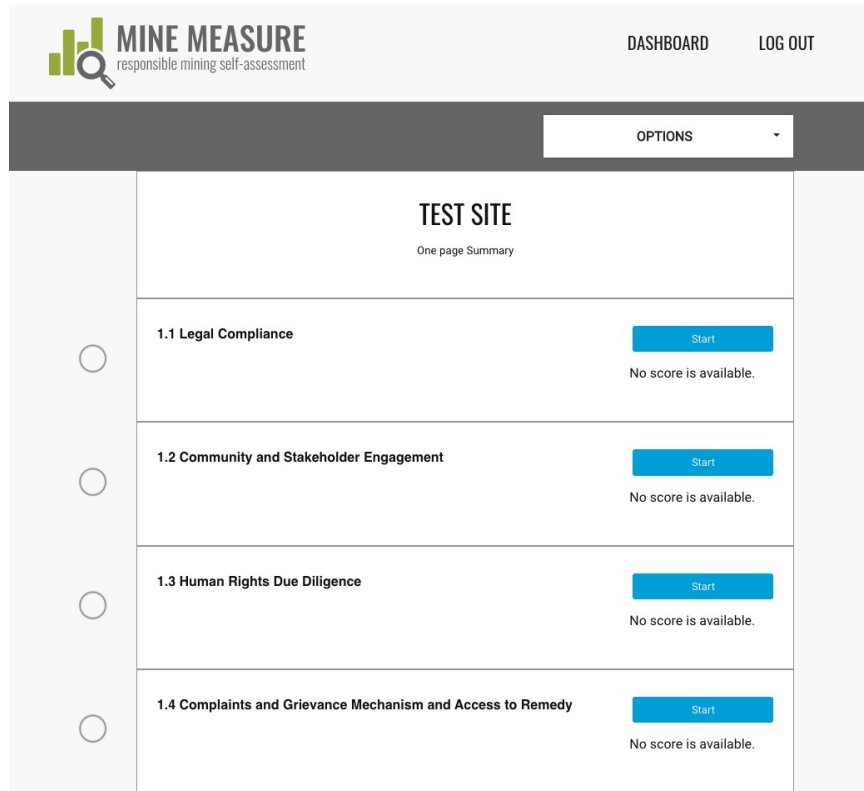
Below these cards is a section titled 'SELF-ASSESSMENTS' with a table:

Mine Site	Mine Profile	Self-Assessment
New Mine	Edit Profile Manage Profile Access	Go to Self-Assessment Manage Self-Assessment Access

Begin the review

Auditors will be taken to a page dedicated to the mine's self-assessment

- The summary page lists all 26 chapters of the IRMA Standard
- Mines can start with any chapter
- Multiple people can work at the same time



TEST SITE	
One page Summary	
<input type="radio"/>	<p>1.1 Legal Compliance</p> <p>Start</p> <p>No score is available.</p>
<input type="radio"/>	<p>1.2 Community and Stakeholder Engagement</p> <p>Start</p> <p>No score is available.</p>
<input type="radio"/>	<p>1.3 Human Rights Due Diligence</p> <p>Start</p> <p>No score is available.</p>
<input type="radio"/>	<p>1.4 Complaints and Grievance Mechanism and Access to Remedy</p> <p>Start</p> <p>No score is available.</p>

OPTIONS ▾

Summary Page

- Users always have easy access to this summary page (see page 30)
- Page shows scores, when chapters are completed, and progress on filling out the self-assessment

Legend

Chapter not completed 

Chapter skipped 

Chapter completed 

Chapter not relevant 

NEW MINE

One page Summary

1.1 Legal Compliance

Start

No score is available.

1.2 Community and Stakeholder Engagement

Edit

No score is available.

1.3 Human Rights Due Diligence

Edit



Score: 21.5

Possible Score: 28

Score as Percentage: 77%

2.2 Free, Prior and Informed Consent (FPIC)

Edit

No score is available.

This Chapter has not been completed.

Skip this chapter

Chapter pages include:

- Link to Summary Page
- Ability to click on other chapter titles to jump directly to them
- Icons to identify the status of each chapter (completed, not relevant, etc.)

[View Self-Assessment Summary](#)

Self-Assessment Progress

- 1.1—Legal Compliance
- 1.2—Community and Stakeholder Engagement
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy
- 1.5—Revenue and Payments Transparency
- 2.1—Environmental and Social Impact Assessment and Management
- ⊗ 2.2—Free, Prior and Informed Consent (FPIC)
- 2.3—Obtaining Community Support and Delivering Benefits
- 2.4—Resettlement
- 2.5—Emergency Preparedness and Response
- 2.6—Planning and Financing Reclamation and Closure
- 3.1—Fair Labor and Terms of Work Requirements

1.2 Community and Stakeholder Engagement

This chapter has 1 critical requirement.

1.2.1. Planning and Designing Stakeholder Engagement Processes

1.2.1.1.

The [operating company](#) shall undertake identification and analysis of the range of groups and individuals, including community members, [rights holders](#) and others (hereafter referred to collectively as "[stakeholders](#)") who may be affected by or interested in the company's [mining-related activities](#).



Notes on this requirement



Fully Meets

The operating company identifies and analyses stakeholders who may be affected by or interested in the company's mining-related activities; and

The operating company has stakeholder analysis reports or equivalent; and Designated personnel are aware of the outcomes of the stakeholder analysis process.



Substantially Meets

This Chapter has not been completed.

Skip this chapter

Chapter pages include:

- Notes, which provide background on the intent of the requirement, details on what is expected, additional definitions, links to resources, or other guidance.

[View Self-Assessment Summary](#)

Self-Assessment Progress

- 1.1—Legal Compliance
- 1.2—Community and Stakeholder Engagement
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy
- 1.5—Revenue and Payments Transparency
- 2.1—Environmental and Social Impact Assessment and Management
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- 2.3—Obtaining Community Support and Delivering Benefits
- 2.4—Resettlement
- 2.5—Emergency Preparedness and Response
- 2.6—Planning and Financing Reclamation

1.2 Community and Stakeholder Engagement

This chapter has 1 critical requirement.

1.2.1. Planning and Designing Stakeholder Engagement Processes

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The [operating company](#) shall undertake identification and analysis of the range of groups and individuals, including community members, [rights holders](#) and others (hereafter referred to collectively as “[stakeholders](#)”) who may be affected by or interested in the company’s [mining-related activities](#).



Notes on this requirement

[Stakeholder](#) analysis involves a more in-depth look at stakeholder group interests, how those interests will be affected and to what degree, and what influence stakeholders could have on the project. The answers to these questions provide the basis from which to build stakeholder engagement plan. It is important to note that not all stakeholders in a particular group or sub-group will necessarily share the same concerns or have unified opinions or priorities. (IFC, 2007)

Tips

- Click here to read the notes on the requirement

Progress bar at bottom of page:

- Show how many questions you have answered, and your ratings
- Provides information on critical requirements
- Calculates your score as soon as all questions have been answered

[View Self-Assessment Summary](#)

Self-Assessment Progress

- 1.1—Legal Compliance
- [1.2—Community and Stakeholder Engagement](#)
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy
- 1.5—Revenue and Payments Transparency
- 2.1—Environmental and Social Impact Assessment and Management
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Notes on this requirement



Fully Meets

The operating company identifies and analyses stakeholders who may be affected by or interested in the company's mining-related activities; [and](#)

The operating company has stakeholder analysis reports or equivalent; and Designated personnel are aware of the outcomes of the stakeholder analysis process.

Tips

- Highlighted terms link to definitions

You have answered 16 out of a total of 16 questions.
You are fully or substantially meeting 1 out of 1 critical requirements in this chapter.



22 / 28

79%

[Previous Chapter](#) [Next Chapter](#)



Mines can mark chapters as not relevant:

- Users have the option to mark some but not all chapters as not relevant.
- They must provide a rationale for why the chapter is not applicable to their mine site.

This Chapter has not been completed. Chapter is not relevant Skip this chapter

[View Self-Assessment Summary](#)

2.2 Free, (FPIC)

This chapter has 1

CHAPTER NOT RELEVANT
Please explain why you are marking this chapter as not relevant.

Self-Assessment Progress

- 1.1—Legal Compliance
- 1.2—Community and Stakeholder Engagement
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy
- 1.5—Revenue and Payments Transparency
- 2.1—Environmental and Social Impact Assessment and Management
- 2.2—Free, Prior and Informed Consent (FPIC)
- 2.3—Obtaining Community Support and Delivering Benefits
- 2.4—Resettlement
- 2.5—Emergency Preparedness and

2.2.1. Policy Commitment

2.2.1.1.

The [operating company](#) shall have a publicly available policy that includes a statement of the company's respect for [indigenous peoples'](#) rights, as set out in the *United Nations Declaration on the Rights of Indigenous Peoples*.

Notes on this requirement

Fully Meets

The operating company (or its corporate owner) has a publicly available policy that includes a commitment to respect indigenous peoples' rights or includes an acknowledgement of indigenous peoples' rights as set out in the United Nations Declaration on the Rights of Indigenous Peoples.

Auditors can view the mine's rationale for rating chapters as not relevant:

- Auditors will need to ensure there is evidence to support the mine's rationale.

This Chapter has been marked as not relevant. [Undo](#)

Rationale why chapter is not relevant
This is not relevant because there are no indigenous peoples who live within 100 km of the mine, and no indigenous peoples who have claimed that their traditional resources have been affected by mining operations.

[View Self Assessment Summary](#)

2.2 Free, Prior and Informed Consent (FPIC)
This chapter has 1 critical requirement.

Self-Assessment Progress

- 1.1—Legal Compliance
- 1.2—Community and Stakeholder Engagement
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy

2.2.1. Policy Commitment
2.2.1.1.
The [operating company](#) shall have a publicly available policy that includes a statement of the company's respect for [indigenous peoples'](#) rights, as set out in the *United Nations Declaration on the Rights of Indigenous Peoples*.

This Chapter has not been completed.

Skip this chapter

Mines rate their performance:

- Users rate mine site performance by clicking on the rating that best reflects your practices.
- Read the small print for more information on each rating.

1.2 Community and Stakeholder Engagement

This chapter has 1 critical requirement.

1.2.1. Planning and Designing Stakeholder Engagement Processes

1.2.1.1.

The [operating company](#) shall undertake identification and analysis of the range of groups and individuals, including community members, [rights holders](#) and others (hereafter referred to collectively as "[stakeholders](#)") who may be affected by or interested in the company's [mining-related activities](#).

Notes on this requirement

Fully Meets

The operating company identifies and analyses stakeholders who may be affected by or interested in the company's mining-related activities; and

The operating company has stakeholder analysis reports or equivalent; and Designated personnel are aware of the outcomes of the stakeholder analysis process.

Substantially Meets

Tips

- Change your rating at any time by clicking on a different rating
- Clear an existing rating by clicking on it.



Mines add a rationale for their self-assessment rating:

- **Auditors** will ask mine staff to provide justification for how a mine fully, substantially or partially meets each requirement, so adding the information as you fill out your self-assessment will make the **audit process more efficient**.
- Adding a rationale is important when a mine moves on to 3rd-party independent audit. However, whether doing a gap analysis or preparing for an audit, it is good practice to always add an explanation of why you believe the mine warrants a certain rating. Going through this process will help to provide a **more realistic self-assessment**.

Add rationale for your rating

Save

Upload Evidence
You may want to upload copies of policies or other documents, or add links to online documents, so that they are readily available in one place when you are ready to undergo an independent audit. Note that you can also grant an auditor permission to access this information, which should reduce your audit preparation time and costs.

[See Examples of Evidence](#)

Name of Document and Date

Upload Documents
 No file chosen

Add Internet Links to Online Information

Add Notes
You can add a note by itself, or add a note that is associated with an uploaded document or link (e.g., information on relevant pages or section numbers).

Add notes here.

Save Note, or a Document or Link
(With or Without an Associated Note)

Tips

- Be sure to **save your rationale**



Add information

Auditors add their own ratings and rationale

Self-Assessment Progress

- 1.1—Legal Compliance
- 1.2—Community and Stakeholder Engagement
- 1.3—Human Rights Due Diligence
- 1.4—Complaints and Grievance Mechanism and Access to Remedy
- 1.5—Revenue and Payments Transparency
- 2.1—Environmental and Social Impact Assessment and Management
- ⊗ 2.2—Free, Prior and Informed Consent (FPIC)
- ⊗ 2.3—Obtaining Community Support and Delivering Benefits
- ⊗ 2.4—Resettlement
- 2.5—Emergency Preparedness and Response
- 2.6—Planning and Financing Reclamation and Closure
- 3.1—Fair Labor and Terms of Work Requirements
- 3.2—Occupational Health and Safety
- 3.3—Community Health and Safety
- 3.4—Mining and Conflict-Affected or High-Risk Areas
- 3.5—Security Arrangements
- ⊗ 3.6—Artisanal and Small-Scale Mining
- 3.7—Cultural Heritage
- 4.1—Waste and Materials Management
- 4.2—Water Management
- 4.3—Air Quality
- 4.4—Noise and Vibration
- 4.5—Greenhouse Gas Emissions
- 4.6—Biodiversity, Ecosystem Services and Protected Areas
- 4.7—Cyanide Management
- 4.8—Mercury Management

1.1.1. Compliance with Host Country Laws

1.1.1.1. (critical requirement)

The [operating company](#) shall comply with all applicable [host country laws](#) in relation to the [mining project](#).

- Fully Meets
There is no evidence that the mining project is in breach of host country law(s), or if it is in breach there is a plan in place and corrective actions are well underway to resolve the non-compliance(s).
- Substantially Meets**
NOTE: This is a new rating category. Mines should use best judgment as to whether something is substantially versus partially met. Indicators will be added in time. See [IRMA Rating System](#) for general guidance on the difference between substantially and partially meeting requirements.
- Partially Meets
There is evidence that the mining project is in breach of host country law(s), and there is a plan in place to carry out corrective actions to resolve the non-compliance(s) but very little progress has been made toward resolution.
NOTE: A new rating (substantially met) has recently been added. "Partially met" indicators have not yet been updated, so some may apply to the substantially met rating. Use best judgement and see [IRMA Rating System](#) for general guidance on the difference between substantially and partially meeting requirements.
- Does Not Meet
There is evidence that the mining project is in breach of host country law(s), and there is no plan in place to carry out corrective actions to resolve the non-compliance(s).

Mine's rationale for rating

I believe we substantially meet this because we have not received any notifications from the government that we are out of compliance with our permits, but water monitoring data show we have exceeded allowable limits on a few occasions this year. (James) I believe we only substantially meet this because our monitoring shows that we exceeded the water quality standard three times last year. (John)

Auditor Notes

Auditor rationale for rating

Company has system in place to track non-compliance issues, but it does not appear to be working effectively. There have been

Add information

- **Auditors** should provide a rationale for their rating, especially if different from the mine's rating
- Auditors should record the methods used to determine the preliminary rating (e.g., review of particular evidence, any preliminary discussions with staff)
- Other fields have been added for optional use by auditors. For example key findings, or other notes and observations.
- Only auditor rationale for rating will be shown when auditors share on-line results with the mine. Other information kept private.

Auditor Notes

Auditor rationale for rating

Methods used to determine rating

Key Findings

Other Notes

[Save](#)


Tips

- **IMPORTANT!** Unless there is a save (or send feedback) button associated with a box, the **system saves your work** as you go.
- When entering Auditor Notes be sure to **save whenever you enter new information.**

Mines provide evidence:

- Uploading or adding links to documents, photos or videos is a **critical step** when preparing for a 3rd-party independent audit. This is the information that auditors will review during the Stage 1 desk review.
- Mines should **add notes to auditors**, for example, tell auditors what information they should be looking for and where they can find it (page numbers, section numbers). If this information is missing auditors will likely request it, which could lengthen the audit timelines.

Upload Evidence
You may want to upload copies of policies or other documents, or add links to online documents, so that they are readily available in one place when you are ready to undergo an independent audit. Note that you can also grant an auditor permission to access this information, which should reduce your audit preparation time and costs.

 **See Examples of Evidence**

Name of Document and Date
Descriptive name, e.g., Air Monitoring Report - March2020

Upload Documents
 No file chosen

Add Internet Links to Online Information
<http://miningcompany.com/policies>

Add Notes
You can add a note by itself, or add a note that is associated with an uploaded document or link (e.g., information on relevant pages or section numbers).

Add notes here.

Save Note, or a Document or Link
(With or Without an Associated Note)

Tips

- Click to see examples of evidence
- Add a **descriptive name** for evidence (e.g., “Air Quality Monitoring Data – Site 1” rather than “Data”).
- Include a **document date** (e.g., March 2020).
- Make sure to click on save** after you have uploaded a document. This **must be done** regardless of whether or not you add a note



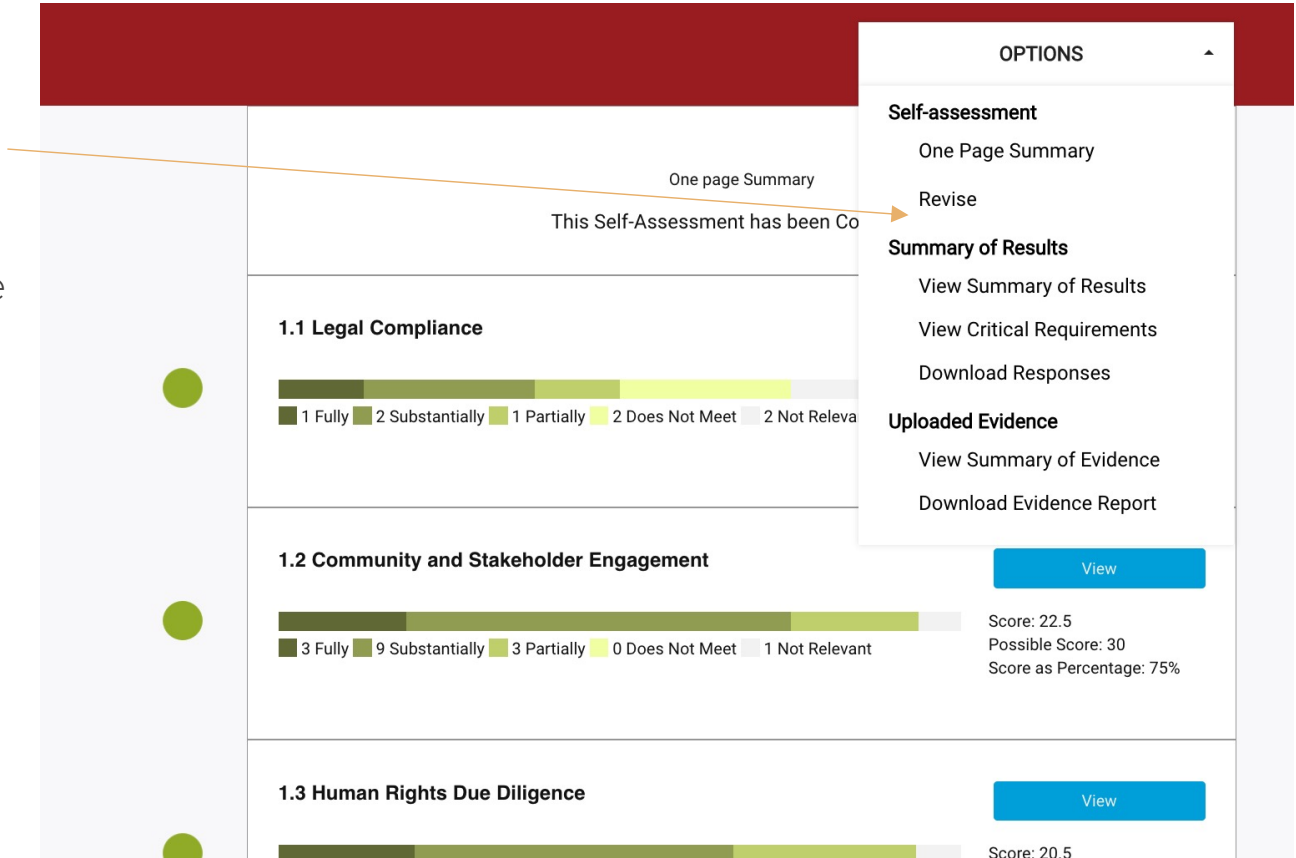
Mine completes the self-assessment

- When finished filling in the self-assessment mines can “lock” it to prevent further edits, by clicking “Complete Your Self Assessment”
- Mines should do this before sharing results and information with auditors.
- Once completed, the top bar will turn red (see next page)

The screenshot displays the MINE MEASURE interface. At the top, there is a green header bar. Below it, a sidebar on the left contains three green circular indicators. The main content area shows a summary of the self-assessment. A button labeled "One page Summary" is visible. Below this, there are three sections: "1.1 Legal Compliance", "1.2 Community and Stakeholder Engagement", and "1.3 Human Rights Due Diligence". Each section has a horizontal bar chart showing the distribution of responses. For "1.1 Legal Compliance", the legend indicates: 1 Fully (dark green), 2 Substantially (medium green), 1 Partially (light green), 2 Does Not Meet (yellow), and 2 Not Relevant (grey). For "1.2 Community and Stakeholder Engagement", the legend indicates: 3 Fully (dark green), 9 Substantially (medium green), 3 Partially (light green), 0 Does Not Meet (yellow), and 1 Not Relevant (grey). To the right of the "1.2" section, the score is displayed as "Score: 22.5", "Possible Score: 30", and "Score as Percentage: 75%". An "Edit" button is located at the bottom right of the "1.3" section. An "OPTIONS" menu is open on the right side, listing actions such as "One Page Summary", "Complete Your Self-Assessment", "View Summary of Results", "View Critical Requirements", "Download Responses", "View Summary of Evidence", and "Download Evidence Report". An orange arrow points from the "Complete Your Self-Assessment" button in the text to the corresponding button in the options menu.

Mines can revise the self-assessment (**optional**)

- After completing a self-assessment, mines can **revise the self-assessment at any time**.
- The tool will recalculate scores, and updated reports will be generated to reflect changes.



One page Summary

This Self-Assessment has been Co

1.1 Legal Compliance

1 Fully 2 Substantially 1 Partially 2 Does Not Meet 2 Not Releva

1.2 Community and Stakeholder Engagement

3 Fully 9 Substantially 3 Partially 0 Does Not Meet 1 Not Relevant

Score: 22.5
Possible Score: 30
Score as Percentage: 75%

1.3 Human Rights Due Diligence

Score: 20.5

OPTIONS

Self-assessment

- One Page Summary
- Revise

Summary of Results

- View Summary of Results
- View Critical Requirements
- Download Responses

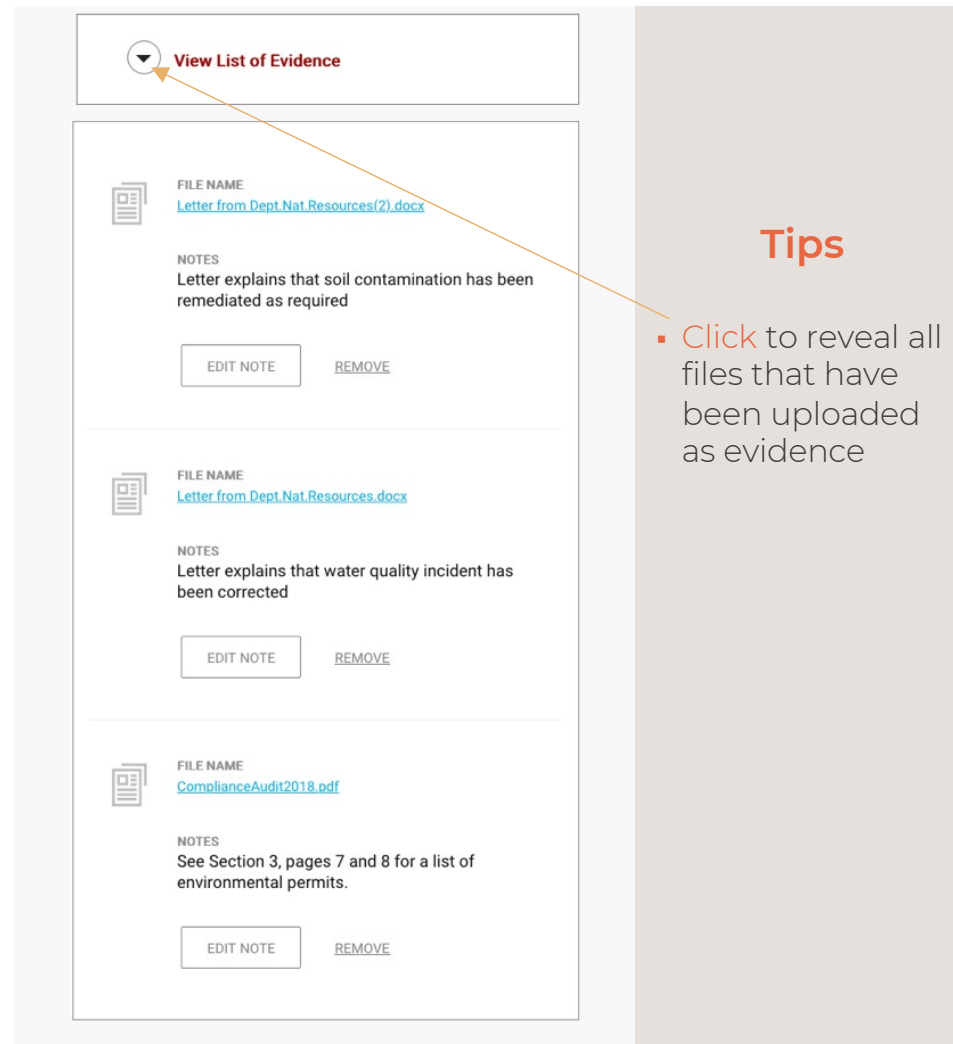
Uploaded Evidence

- View Summary of Evidence
- Download Evidence Report

View and access evidence

Auditors can view the mine's evidence:

- All evidence and notes that have been uploaded by the mine for a particular requirement can be viewed.



View List of Evidence

FILE NAME
[Letter from Dept.Nat.Resources\(2\).docx](#)

NOTES
Letter explains that soil contamination has been remediated as required

EDIT NOTE **REMOVE**

FILE NAME
[Letter from Dept.Nat.Resources.docx](#)

NOTES
Letter explains that water quality incident has been corrected

EDIT NOTE **REMOVE**

FILE NAME
[ComplianceAudit2018.pdf](#)

NOTES
See Section 3, pages 7 and 8 for a list of environmental permits.

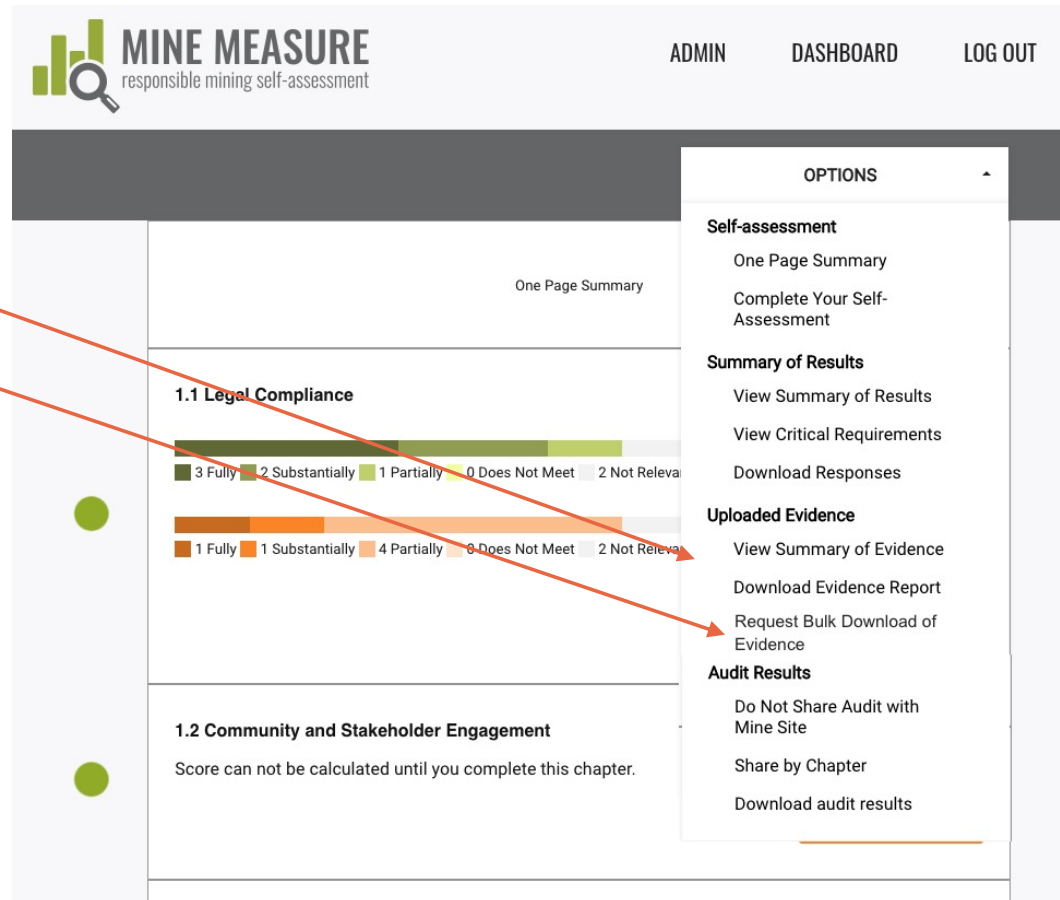
EDIT NOTE **REMOVE**

Tips

- Click to reveal all files that have been uploaded as evidence

Auditors can access ALL evidence in a variety of ways:

- Auditors can view evidence on-line, or download evidence in Excel
- Request a Bulk Download
 - To be added soon
 - Will send an email to tool administrator, and a gmail folder will be created
 - Auditors will have limited time to download materials before folder deleted



The screenshot shows the MINE MEASURE web interface. At the top, there is a navigation bar with 'ADMIN', 'DASHBOARD', and 'LOG OUT' links. Below this is a sidebar menu with an 'OPTIONS' dropdown. The main content area displays a 'One Page Summary' for '1.1 Legal Compliance' and '1.2 Community and Stakeholder Engagement'. The '1.1 Legal Compliance' section includes two horizontal bar charts showing progress: one for 'Legal Compliance' and one for 'Community and Stakeholder Engagement'. The '1.2 Community and Stakeholder Engagement' section notes that the score cannot be calculated until the chapter is completed. The sidebar menu is open, showing options such as 'Self-assessment', 'Summary of Results', 'Uploaded Evidence', and 'Audit Results'. Red arrows point from the text on the left to the 'Request Bulk Download of Evidence' option in the sidebar.



MINE MEASURE

responsible mining self-assessment

Auditors

View on-line list of evidence by chapter

- View information on files uploaded as evidence in each chapter. Information is listed for each requirement.
- Hyperlinks allow auditors to download evidence files.

Full List of Self-Assessment Files

Mine Site:
Mine Site Location:
Self-Assessment Last Modified Date: Jul 16, 2021

[Download List of Files](#)

1.1 Legal Compliance

This is a critical requirement.

1.1.1.1. The [operating company](#) shall comply with all applicable [host country laws](#) in relation to the [mining project](#).

MINE'S RATING
Substantially Meets

ENTRY DATE

Fri, 17 Apr 2020 22:11:13 GMT

UPLOADED FILES (EVIDENCE)

[ComplianceAudit2018.pdf](#)

NOTES ON FILE

See Section 3, pages 7 and 8 for a list of environmental permits.

ENTRY DATE

Wed, 20 Nov 2019 20:49:51 GMT

UPLOADED FILES (EVIDENCE)

[Letter from Dept.Nat.Resources.docx](#)

NOTES ON FILE

Letter explains that water quality incident has been corrected

ENTRY DATE

Fri, 08 May 2020 12:31:53 GMT

UPLOADED FILES (EVIDENCE)

[Screen Shot 2020-05-08 at 6.30.15 AM.png](#)

ENTRY DATE

Thu, 28 May 2020 20:15:22 GMT

ENTRY DATE

Wed, 20 Nov 2019 20:49:11 GMT

UPLOADED FILES (EVIDENCE)

[Letter from Dept.Nat.Resources\(2\).docx](#)

NOTES ON FILE

Letter explains that soil contamination has been remediated as requiredTRYING TO EDIT

1.2 Community and Stakeholder Engagement

1.2.1.1. The [operating company](#) shall undertake identification and analysis of the range of groups and individuals, including community members, [rights holders](#) and others (hereafter referred to collectively as "[stakeholders](#)") who may be affected by or interested in the company's [mining-related activities](#).

MINE'S RATING

ENTRY DATE



Download list of all evidence in Excel

Chapter Number	Chapter Name	Requirement Number	Requirement Text	Evidence (document name)	Link to evidence	Company Notes	Date evidence uploaded
1.1	Legal Compliance	1.1.1.1.	The operating company shall comply with all applicable host country laws in relation to the mining project.	Legal Analysis - 2019.png	https://api.responsiblemining.net/static/usercontent/files/359fdb36722d4f4faa68df2373e153cc.png	See pages 6 - 20 for lists and descriptions of legal context, and laws that are relevant to the mine. Page 27 lists international treaties that have been ratified by host country.	2020-05-27 12:42:22
1.1	Legal Compliance	1.1.1.1.	The operating company shall comply with all applicable host country laws in relation to the mining project.	Permit Tracking - May 2020.xlsx	https://api.responsiblemining.net/static/usercontent/files/0aae12a89a24499886e4fe1f99c96221.xlsx	See rows 3 - 16 for list of current environmental and legal permits.	2020-05-27 12:43:25
1.2	Community and Stakeholder Engagement	1.2.1.1.	The operating company shall undertake identification and analysis of the range of groups and individuals, including community members, rights holders and others (hereafter referred to collectively as "stakeholders") who may be affected by or interested in the company's mining-related activities.	Stakeholder Mapping - Updated 20	https://stg-api-irma.api-nyc3-1.viable.io/static/usercontent/files/26b2a24d44844855b8c5c9423314d83c.docx		2019-07-23 18:53:31
2.1	Environmental and Social Impact Assessment and Management	2.1.1.1	An Environmental and Social Impact Assessment (ESIA), appropriate to the nature and scale of the proposed mining project and commensurate with the level of its environmental and social risks and impacts, shall be completed prior to the commencement of any site-disturbing operations associated with the project.	ESIA Scoping Doc.docx	https://stg-api-irma.api-nyc3-1.viable.io/static/usercontent/files/a1cd196d6d434a5d8738f54c4c24968.docx		2019-01-30 13:58:40
2.4	Resettlement	2.4.3.3.	In the case of physical displacement, the operating company shall develop a Resettlement Action Plan. If the project involves economic displacement only, a Livelihood Restoration Plan shall be developed. In either case, these plans shall, at a minimum:a. Describe how affected people will be involved in an ongoing process of	Resettlement Action Plan_New Mi	https://stg-api-irma.api-nyc3-1.viable.io/static/usercontent/files/942e031f7b0b432b8ec1cc4056b162a4.docx	See pages 14 - 16 for compensation framework. See pages 32-52 for mitigation plans for people who will be physically displaced.	2019-07-23 18:35:59

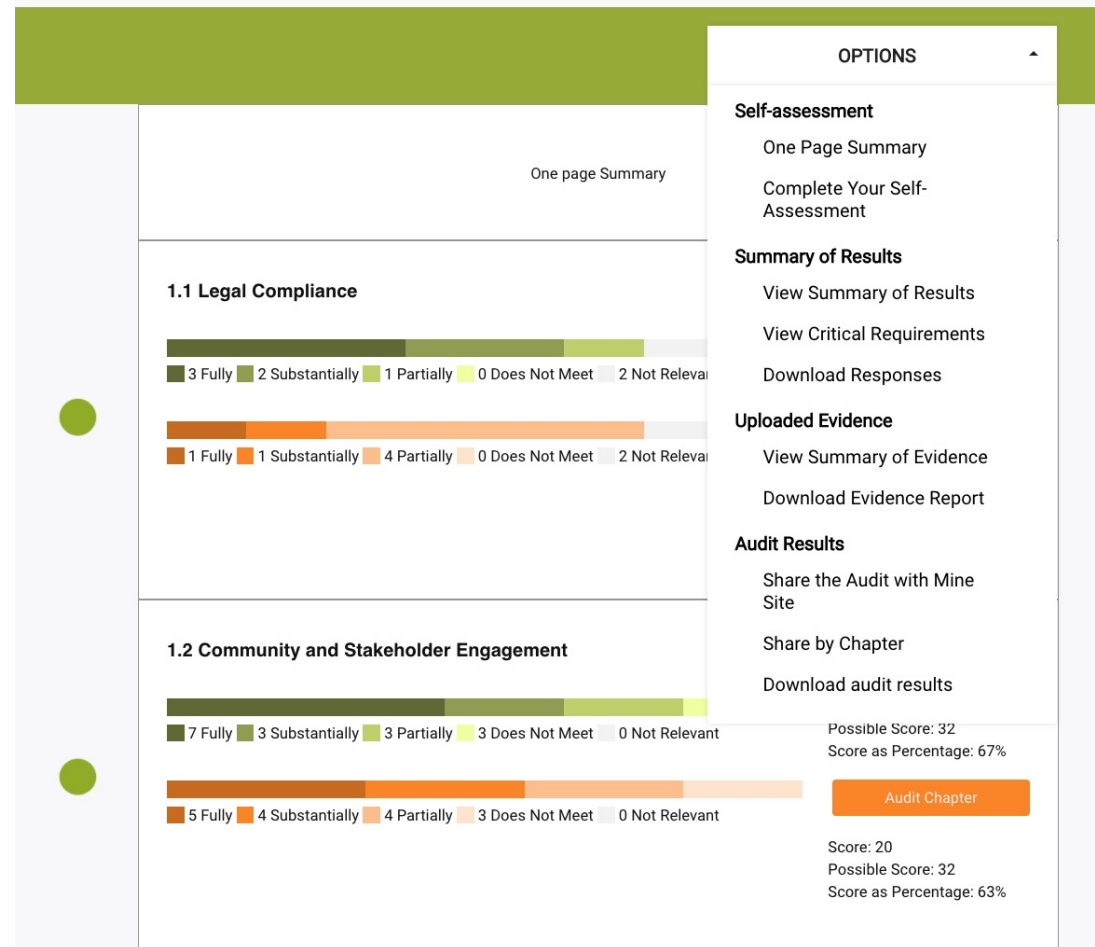
Tips

- Make sure to enable pop-ups so that the download can occur
- Be patient – may take time to process all info into downloadable file



Share information with mine

- **Auditors** can share preliminary ratings with mines.
- Sharing this information can provide the basis for discussions between mines and auditors.
 - It may lead to auditor requests for additional information.
 - It may help mines identify gaps they want to fill before progressing to the on-site stage of the audit.





Share information with mine

- Auditors can **share all chapters** for on-line viewing
- Auditors can **select particular chapters** to share for on-line viewing (see next page)
- Auditors can **download results** as an Excel spreadsheet and send to the mine

One page Summary

1.1 Legal Compliance

3 Fully 2 Substantially 1 Partially 0 Does Not Meet 2 Not Relevant

1 Fully 1 Substantially 4 Partially 0 Does Not Meet 2 Not Relevant

1.2 Community and Stakeholder Engagement

7 Fully 3 Substantially 3 Partially 3 Does Not Meet 0 Not Relevant

5 Fully 4 Substantially 4 Partially 3 Does Not Meet 0 Not Relevant

OPTIONS

- Self-assessment**
 - One Page Summary
 - Complete Your Self-Assessment
- Summary of Results**
 - View Summary of Results
 - View Critical Requirements
 - Download Responses
- Uploaded Evidence**
 - View Summary of Evidence
 - Download Evidence Report
- Audit Results**
 - Share the Audit with Mine Site
 - Share by Chapter
 - Download audit results

Possible Score: 32
Score as Percentage: 67%

Audit Chapter

Score: 20
Possible Score: 32
Score as Percentage: 63%



Share information with mine

- Auditors can **select particular chapters** to share for on-line viewing by toggling on the chapters they wish to share.

Audit Settings: Share by Chapter	
<input checked="" type="checkbox"/> Shared	1.1 Legal Compliance
<input type="checkbox"/> Not Shared	1.2 Community and Stakeholder Engagement
<input checked="" type="checkbox"/> Shared	1.3 Human Rights Due Diligence
<input checked="" type="checkbox"/> Shared	1.4 Complaints and Grievance Mechanism and Access to Remedy
<input type="checkbox"/> Not Shared	1.5 Revenue and Payments Transparency



Share information with mine

- When auditors share their results on-line, mines can see auditor rating, as well as auditor rationale

1.1.1. Compliance with Host Country Laws

1.1.1.1. (critical requirement)

The [operating company](#) shall comply with all applicable [host country laws](#) in relation to the [mining project](#).

<input checked="" type="radio"/>	<p>Fully Meets</p> <p>There is no evidence that the mining project is in breach of host country law(s), or if it is in breach there is a plan in place and corrective actions are well underway to resolve the non-compliance(s).</p>
<input type="radio"/>	<p>Substantially Meets</p> <p>NOTE: This is a new rating category. Mines should use best judgment as to whether something is substantially versus partially met. Indicators will be added in time. See "IRMA Rating System" for general guidance on the difference between substantially and partially meeting requirements.</p>
<input checked="" type="radio"/>	<p>Partially Meets</p> <p>There is evidence that the mining project is in breach of host country law(s), and there is a plan in place to carry out corrective actions to resolve the non-compliance(s) but very little progress has been made toward resolution.</p> <p>NOTE: A new rating (substantially met) has recently been added. "Partially met" indicators have not yet been updated, so some may apply to the substantially met rating. Use best judgement and see "IRMA Rating System" for general guidance on the difference between substantially and partially meeting requirements.</p>
<input type="radio"/>	<p>Does Not Meet</p> <p>There is evidence that the mining project is in breach of host country law(s), and there is no plan in place to carry out corrective actions to resolve the non-compliance(s).</p>

Rationale for your rating

I believe we fully meet this because we have not received any notifications from the government that we are out of compliance with our permits. (James) I believe we only substantially meet this because our monitoring shows that we exceeded the water quality standard three times last year. (John)

Auditor rationale for rating

Does not have a system in place to track permits and ALL relevant host country laws.

Tips

- Mines may contact auditors if they would like an **Excel file** that includes the mine's ratings and auditor ratings (and rationale).



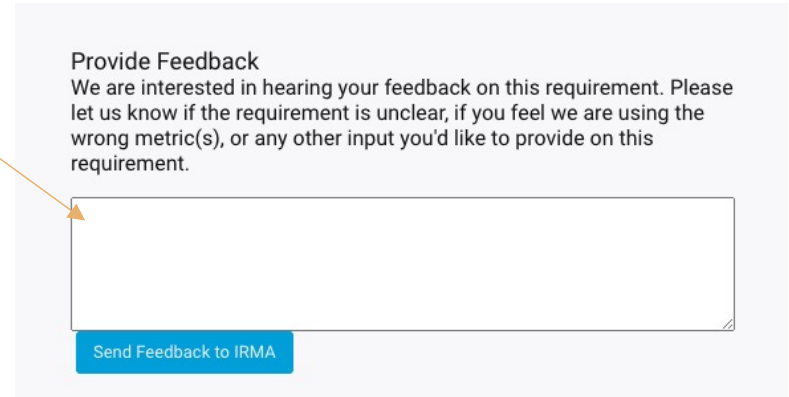
Share information with mine

- If requested by mines, auditors can share Excel files (some mines prefer to view information off-line)
- Auditors can choose which columns of information to share (delete the information before sending)

	A	B	C	D	E	F	G	H	I	J	K
	Chapter	Requirement #	Requirement Text	Critical Requirement?	Rating	Company Rationale	What you can do to meet the requirement	Audit Rating	Audit Rationale	Audit Key Findings	Audit Notes
1	1.1 Legal Compliance	1.1.1.1.	The operating company shall comply with all applicable host country laws in relation to the mining project.	Yes	fully_meets	We do have a system in place for tracking compliance obligations and monitoring compliance. Please see new document uploaded in evidence.	There is no evidence that the mining project is in breach of host country law(s), or if it is in breach there is a plan in place and corrective actions are well underway to resolve the non-compliance(s).	substantially_meets	The mine has several legal non-compliance issues (E.g., does not have adequate ventilation, exceeded water quality standards more than 20 times in the past two years and has not taken steps to correct the root cause), and there is no evidence that the company has a system in place to track all compliance obligations and monitoring compliance.		Some private notes here you may not want to share
2	1.1 Legal Compliance	1.1.2.1.	The operating company shall comply with whichever provides the greatest social and/or environmental protections of host country law or IRMA	No	substantially_meets		Where there are conflicts between host country laws and IRMA requirements the operating company can provide evidence that meeting IRMA would require it to violate host country law; andThe company can demonstrate that	substantially_meets			

Send feedback to IRMA

- For each requirement, **auditors** can provide IRMA with feedback:
 - Ask IRMA to clarify the intent or meaning of a requirement
 - Inform IRMA about any requirement they do not believe are relevant for their circumstances
 - Submit other comments
- IRMA will respond to all questions or requests for clarification. Other comments will be documented and will feed into system improvements



Provide Feedback
We are interested in hearing your feedback on this requirement. Please let us know if the requirement is unclear, if you feel we are using the wrong metric(s), or any other input you'd like to provide on this requirement.

Send Feedback to IRMA

Tips

- Unless there is a save (or send feedback) button associated with a box, the **system saves your work** as you go.



MINE MEASURE
responsible mining self-assessment

Data Summaries and Reports

Full Summary of Results

- View a full summary of your self-assessment results
- View of summary of performance on critical requirements only
- Download a full summary of your self-assessment results

The screenshot displays the 'IRMA TEST SITE' interface. At the top, it says 'One page Summary'. Below this, a section titled '1.1 Legal Compliance' is shown with a progress bar. The progress bar is mostly dark green, indicating a high score. Below the progress bar, there is a legend: '6 Fully' (dark green), '1 Substantially' (medium green), '1 Partially' (light green), '0 Does Not Meet' (yellow), and '0 Not Relevant' (grey). Below the legend, it says 'Score can not be calculated until you complete this chapter.' To the right of the main content, there is an 'OPTIONS' menu with the following items: 'Self-assessment' (One Page Summary, Complete Your Self-Assessment), 'Summary of Results' (View Summary of Results, View Critical Requirements, Download Responses), and 'Uploaded Evidence' (View Summary of Evidence, Download Evidence Report). Three orange lines connect the list items on the left to the corresponding elements in the screenshot: the first line connects to the 'View Summary of Results' option, the second line connects to the 'View Critical Requirements' option, and the third line connects to the 'Download Responses' option.



MINE MEASURE
responsible mining self-assessment

Data Summaries and Reports

View full summary of results

- Users see a list of chapters, scores for completed chapters, and which chapters have been skipped or marked as not relevant

Chapters Completed (23)							
Business Integrity		Planning for Positive Legacies		Social Responsibility		Environmental Responsibility	
1.1 Legal Compliance	Score: 10/12 83.33%	2.1 Environmental and Social Impact Assessment and Management	Score: 48/58 82.76%	3.1 Fair Labor and Terms of Work Requirements	Score: 61/68 89.71%	4.1 Waste and Materials Management	Score: 40.5/56 72.32%
1.2 Community and Stakeholder Engagement	Score: 19.5/32 60.94%	2.3 Obtaining Community Support and Delivering Benefits	Score: 11/16 68.75%	3.2 Occupational Health and Safety	Score: 39.5/46 85.87%	4.2 Water Management	Score: 26.5/38 69.74%
1.3 Human Rights Due Diligence	Score: 22.5/26 86.54%	2.4 Resettlement	Score: 12/16 75.00%	3.3 Community Health and Safety	Score: 14.5/18 80.56%	4.3 Air Quality	Score: 12/18 66.67%
1.4 Complaints and Grievance Mechanism and Access to Remedy	Score: 17.5/22 79.55%	2.5 Emergency Preparedness and Response	Score: 7.5/10 75.00%	3.4 Mining and Conflict-Affected or High-Risk Areas	Score: 4/4 100.00%	4.4 Noise and Vibration	Score: 9/12 75.00%
1.5 Revenue and Payments Transparency	Score: 19/24 79.17%	2.6 Planning and Financing Reclamation and Closure	Score: 41/54 75.93%	3.5 Security Arrangements	Score: 24/30 80.00%	4.5 Greenhouse Gas Emissions	Score: 12.5/14 89.29%
				3.7 Cultural Heritage	Score: 17/24 70.83%	4.6 Biodiversity, Ecosystem Services and Protected Areas	Score: 23.5/34 69.12%
						4.7 Cyanide Management	Score: 12.5/16 78.13%



View full summary of results

- Users can view a listing of the requirements that were substantially, partially or not met for each chapter.
- This provides a gap analysis, identifying requirements where work is needed to fully meet the IRMA Standard requirements.

Areas For Improvement by Chapter

The following section lists the requirements that were not met, or were only partially met, for the chapters that were completed in the self-assessment. Chapters that were skipped or were deemed not relevant are not included below.

1.1 Legal Compliance

Requirements partially met

1.1.4. Contractor Compliance

1.1.4.1. The [operating company](#) shall demonstrate that it takes appropriate steps to ensure compliance with the [IRMA Standard](#) by [contractors](#) engaged in activities relevant to the [mining project](#).

What you can do to meet the requirement.

The operating company has policies or other documents or correspondence that convey to contractors the operating company's expectations related to environmental and social performance (and the expectations are consistent with IRMA requirements); **and**

Contractors are aware that they are expected to achieve a certain environmental and social performance level as required by the operating company; **and**

The operating company has documented evidence that contractors are complying with environmental and social requirements that are consistent with IRMA requirements.

1.2 Community and Stakeholder Engagement

Requirements not met

1.2.2. Engagement Processes

1.2.2.6. The [operating company](#) shall document engagement processes, including, at minimum, names of participants, and input received from and company feedback provided to [stakeholders](#).

What you can do to meet the requirement.

The operating company documents engagement processes, including, at minimum, names of participants, and input received from and company feedback provided to stakeholders.

Requirements substantially met

1.2.2. Engagement Processes

1.2.2.4. Engagement processes shall be [accessible](#) and culturally appropriate, and the [operating company](#) shall demonstrate that efforts have been made to include participation by women, men, and marginalized and [vulnerable groups](#) or their representatives.

View performance on critical requirements

- Users can view a summary of how the mine performed on the critical requirements
- This may help identify requirements to focus on first, given that critical requirements must be fully or substantially met in order to reach IRMA 50 or higher.

PERFORMANCE ON CRITICAL REQUIREMENTS

Mine Site: New Mine
Mine Site Location: Silverton, COLORADO United States
Self-Assessment Last Modified Date: Jul 17, 2020

PERFORMANCE ON CRITICAL REQUIREMENTS
 In order to reach an achievement level of IRMA 50 or IRMA 75 the critical requirements must at least be met. To reach IRMA 100 all critical requirements must be fully met.
 37 / 37 Critical Requirements have been answered

Rating	Legend	Number	Potential Achievement
Fully Met	F	23	Mine is eligible for IRMA 50 or IRMA 75. IRMA 100 corrective actions must all critical requirements are fully met.
Substantially Met	S	7	
Partially Met	P	2	
Not Met	N	1	
Not Relevant	-	4	
Total		37	

Business Integrity

1.1.1.1. The operating company shall comply with all applicable host country laws [show more](#)

1.2.2.2. The operating company shall foster two-way dialogue and meaningful engagement with [show more](#)

Planning for Positive Legacies

2.1.3.1. The operating company shall carry out a scoping process to identify [show more](#)

2.2.2.2. New mines shall not be certified by IRMA unless they have [show more](#)

Social Responsibility

3.1.2.1. The operating company shall respect the rights of workers to freedom [show more](#)

3.1.3.3. The operating company shall take measures to prevent and address harassment [show more](#)

Environmental Responsibility

4.1.4.1. A risk-based approach to mine waste assessment and management shall be [show more](#)

4.1.5.1. Mine waste facility design and mitigation of identified risks shall be [show more](#)

You can also

OPTIONS

- Self-assessment**
 - One Page Summary
 - Complete Your Self-Assessment
- Summary of Results**
 - View Summary of Results
 - View Critical Requirements
 - Download Responses
- Uploaded Evidence**
 - View Summary of Evidence
 - Download Evidence Report

41

TOOLS.RESPONSIBLEMINING.NET

Data Summaries and Reports

Download full summary of results

Chapter	Requirement#	Requirement Text	Critical Requirement?	Rating	What you can do to
1.1 Legal Compliance	1.1.1.1.	The operating company shall comply with all applicable host country laws in relation to the mining project.	Yes	substantially_meets	There is no evidence to suggest a breach there is a plan for compliance(s).
1.1 Legal Compliance	1.1.2.1.	The operating company shall comply with whichever provides the greatest social and/or environmental protections of host country law or IRMA requirements. If complying fully with an IRMA requirement would require the operating company to break host country law then the company shall endeavor to meet the intent of the IRMA requirement to the extent feasible without violating the law.	No	partially_meets	Where there are conflicts the operating company can provide evidence of compliance with host country law; andThe company can demonstrate compliance with IRMA requirement to the extent possible.
1.1 Legal Compliance	1.1.3.1.	If non-compliance with a host country law has taken place, the operating company shall be able to demonstrate that timely and effective action was taken to remedy the non-compliance and to prevent further non-compliance from recurring.	No	substantially_meets	Plans were/are put in place and corrective actions were/are implemented in a timely manner (current ones may still be underway) to resolve every non-compliance issue; andIf past non-compliance issues were not addressed in a timely and effective manner, the company has carried out an evaluation to determine why corrective actions were slow or ineffective, and has put procedures in place to improve response time and effectiveness of the company's response to future non-compliances.
1.1 Legal Compliance	1.1.4.1.	The operating company shall demonstrate that it takes appropriate steps to ensure compliance with the IRMA Standard by contractors engaged in activities relevant to the mining project.	No	substantially_meets	The operating company has policies or other documents or correspondence that convey to contractors the operating company's expectations related to environmental and social performance (and the expectations are consistent with IRMA requirements); andContractor are aware that they are expected to achieve a certain environmental and social performance level as required by the operating company; andThe operating company has documented evidence that contractors are complying with environmental and social requirements that are consistent with IRMA requirements.
1.1 Legal Compliance	1.1.5.1.	The operating company shall maintain records and	No	partially_meets	The operating company is maintaining records and documentation sufficient to demonstrate

You can also

OPTIONS

Self-assessment

- One Page Summary
- Complete Your Self-Assessment

Summary of Results

- View Summary of Results
- View Critical Requirements
- Download Responses**

Uploaded Evidence

- View Summary of Evidence
- Download Evidence Report

IRMA

Initiative for Responsible
Mining Assurance



MINE MEASURE

responsible mining self-assessment

If you have questions, contact:

Lisa Sumi, IRMA Director of Standards and Assurance

lsumi@responsiblemining.net

For more information, visit:

Self-Assessment Tool: tools.responsiblemining.net/self-assess

Responsible Mining Map: map.responsiblemining.net

IRMA web site: responsiblemining.net