



**TECHNICAL, SAFETY AND
SUSTAINABILITY COMMITTEE CHARTER**
(revised December 2023)

A. PURPOSE

The purpose of the Technical, Safety and Sustainability Committee (the "Committee") of SSR Mining Inc. (the "Company") is to assist the Board of Directors of the Company (the "Board") in upholding the Company's core values and fulfilling its environmental, community and safety responsibilities, including the Company's health and safety performance and objectives, and overseeing the technical aspects of the Company's operations, exploration programs and development projects.

B. COMPOSITION, PROCEDURES AND ORGANIZATION

1. The Board shall appoint the members of the Committee and the Chair of the Committee each year. The Board may at any time remove or replace any member of the Committee and may fill any vacancy in the Committee.
2. The Committee shall consist of at least three members of the Board, at least three of whom shall be independent in accordance with the securities laws, rules, regulations and guidelines of all applicable securities regulatory authorities, including without limitation the securities commissions in each of the provinces and territories of Canada and the U.S. Securities and Exchange Commission, and the stock exchanges on which the Company's securities are listed, including without limitation the Toronto Stock Exchange and the Nasdaq Global Market, subject to any exemptions provided thereunder.
3. If the Chair of the Committee is not present at any meeting of the Committee, one of the other members of the Committee present at the meeting shall be chosen by the Committee to preside at the meeting.
4. The Corporate Secretary of the Company shall be the Secretary of the Committee, unless otherwise determined by the Committee.
5. The Committee shall meet at least four times annually on such dates and at such locations as may be determined by the Chair and may also meet at any other time or times on the call of the Chair or any two of the other Committee members.
6. The quorum for meetings shall be a majority of the members of the Committee, present in person or by telephone or other telecommunication device that permits all persons participating in the meeting to speak and to hear each other. The Committee may also act by unanimous written consent of its members.
7. Notice of the time and place of every meeting shall be given in writing or by e-mail or facsimile communication to each member of the Committee at least 24 hours prior to the time fixed for such meeting; provided, however, that a member may in any manner waive a notice of a meeting.

Attendance of a member at a meeting is a waiver of notice of the meeting, except where a member attends a meeting for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called.

8. The Chair shall develop and set the Committee's agenda, in consultation with the other members of the Committee, the Board and management, as necessary. The agenda and information concerning the business to be conducted at each Committee meeting shall, to the extent practical, be communicated to the members of the Committee sufficiently in advance of each meeting to permit meaningful review.
9. The Committee shall have the power to delegate its authority and duties to subcommittees or individual members of the Committee as it considers appropriate.
10. At the invitation of the Chair, one or more officers or employees of the Company may, and if required by the Committee shall, attend a meeting of the Committee.
11. The Committee shall fix its own procedure at meetings, keep records of its proceedings and report to the Board when the Committee may deem appropriate (but not later than the next meeting of the Board).
12. Any matter to be voted upon shall be decided by a majority of the votes cast on the question. In the case of an equality of votes, the Chair shall be entitled to a second or deciding vote.
13. The Committee shall report to the Board at the Board's next regularly scheduled meeting all such information and action it has taken since the previous report.
14. In discharging its responsibilities, the Committee shall have full access to all books, records, facilities and personnel of the Company, to the Company's legal counsel and to such other information respecting the Company as it considers necessary or advisable in order to perform its roles and responsibilities.
15. The Committee shall annually assess its performance.

C. OUTSIDE CONSULTANTS AND ADVISORS

The Committee, when it considers it necessary or advisable, may retain, at the Company's expense, outside consultants or advisors to assist or advise the Committee independently on any matter within its mandate. The Committee shall have the sole authority to retain and terminate any such consultants or advisors, including sole authority to approve the fees and other retention terms for such persons.

D. ROLES AND RESPONSIBILITIES

The following functions shall be the common recurring activities of the Committee in carrying out its responsibilities as outlined in the "Purpose" section of this Charter. These functions should serve as a guide with the understanding that the Committee may carry out additional functions and adopt additional policies and procedures as may be appropriate in light of changing business, legislative, regulatory, legal or other conditions. The Committee shall also carry out any other responsibilities and duties delegated to it by the Board from time to time related to the purposes of the Committee as outlined in the "Purpose" section of this Charter.

The roles and responsibilities of the Committee shall be to:

- (a) review and monitor the Environmental and Sustainability ("E&S") Policy, Human Rights ("HR") Policy, Land Access and Resettlement ("LAR") Policy, and Safety and Health

("SH") Policy, and related performance and activities of the Company on behalf of the Board to ensure compliance with applicable laws, legislation, policies, principles as they relate to these issues;

- (b) review and approve the resource and reserve estimates of the Company's mineral properties and any technical reports to be filed by the Company;
- (c) on an ad hoc basis or on the filing of a new technical report, review the technical aspects of the Corporation's material mining operations, including reviewing the technical and financial assumptions included in the Life of Mine models;
- (d) recommend major project approvals to the Board and oversee project execution once approved;
- (e) review with management the Company's risk assessment, risk exposure and risk management in respect of environmental, safety and community relations matters, and report to the Board in respect thereof;
- (f) monitor management's action plans to address emerging trends and issues related to environmental, safety and community relations matters, including potential environmental and climate opportunities, risks, liabilities and obligations, and review and assess the sufficiency of resources available for carrying out the actions and activities recommended;
- (g) review and assess the sustainability and other objectives to be set forth in the Company's annual Sustainability Report, if applicable;
- (h) review and report to the Board on the sufficiency of resources available for carrying out the actions and activities recommended related to sustainability, community relations and other environmental and safety matters; and
- (i) review annually and, as appropriate, recommend to the Board any changes to this Charter.