



Audit Committee

Terms of Reference

1 Status

The Audit Committee (the "**Committee**") is a sub-committee of the board (the "**Board**") of London Metal Exchange (the "**Company**") to which the Board has delegated consideration of the matters set out in paragraph 4 below.

2 Purpose

The Committee is to serve as a focal point for communication between other directors, the external auditor and the internal auditor as regards their duties relating to financial and other reporting, certain risk management, internal controls, external and internal audits and such other matters as the Board determines from time to time.

The Committee is to assist the Board in fulfilling its responsibilities by providing an independent review and supervision of financial reporting and risk management, by satisfying themselves as to the effectiveness of the internal controls and risk management function of the Company and its subsidiaries, and as to the adequacy of the external and internal audits.

Matters to be considered by the Committee shall include, but not be limited to, the matters set out below in paragraph 4.

The Committee should liaise with Hong Kong Exchanges and Clearing Limited ("**HKEX**") (together with the Company, the "**HKEX Group**") and the Audit Committee and Risk Management Committee of HKEX to facilitate group-wide consolidated financial reporting and risk management requirement as part of the HKEX Group.

The Committee will take into account HKEX Group reporting requirements and policies in reviewing the financial statements.

3 Administrative Structure

(a) Composition

The Committee will be composed of at least 4 individuals (excluding the secretary of the Committee). At least 3 Committee members shall be appointed from the Independent Directors (as defined in the amended and restated articles of association of the Company). At least one of these members shall have relevant and recent financial experience and the committee as a whole shall have competence relevant to the sector in which the Company operates. The rest of the Committee members shall either be a Non-executive Director or an Executive Directors (as defined in the amended and restated articles of association of the Company). Membership shall run co-terminus with directorship.

The chairman and members of the Committee shall be appointed by the Board. The chairman of the Committee shall be consulted on the appointment of other members of the Committee. The Composition may be refreshed from time to time upon recommendation of the Nomination Committee following annual review. Only members of the Committee have a right to attend meetings; however other members of the Board or management may be invited to attend, as appropriate. The external auditor will be invited to attend meetings on a regular basis.

(b) Chairman



The Board shall appoint one of the Independent Directors of the Company to be the chairman of the Committee. In the absence of the chairman and/or an appointed deputy at any meeting, the Committee will elect one of the members present to act as chairman.

(c) **Secretary**

The Company Secretary, or their nominee, shall act as the secretary of the committee and will ensure that the committee receives information and papers in a timely manner to enable full and proper consideration to be given to issues.

(d) **Quorum**

The quorum necessary for the transaction of business shall be three (3).

Decisions shall be determined by simple majority and, in the event of a tie, the chairman of the Committee shall have the casting vote.

(e) **Frequency of Meetings**

(i) The Committee shall meet at least four times per year at appropriate times in the reporting and audit cycle and otherwise as required. Meetings shall be summoned by the secretary of the Committee.

(ii) Meetings can be convened at the request of the Committee chairman, members or the external or internal auditors.

(iii) Outside of the formal meeting programme, the Committee chairman will maintain a dialogue with key individuals involved in the Company's governance, including the board chair, the chief executive, chief finance officer, the external audit lead partner and the head of internal audit.

(iv) The Company Secretary or his/her nominee shall be the Secretary of the Committee. Committee meeting dates shall be agreed in advance affording adequate notice for maximum participation. Papers prepared for the Committee may be sent (by appropriate medium) between meeting dates and decisions or recommendations solicited and received between meetings, where necessary, to avoid delays in the decision making progress

(f) **Reporting**

(i) The Committee chairman shall report regularly and formally to the Board, at the next meeting of the Board following a meeting of the Committee, on matters within its remit, and any suspected frauds and irregularities, failures of internal control or suspected infringements of laws, rules and regulations which come to its attention and are of sufficient importance to warrant the attention of the Board. At least annually, the Committee should present a report to the Board which addresses the work and findings of the Committee during the year.

(ii) Where there is disagreement between the Committee and the Board, adequate time should be made available for discussion of the issue with a view to resolving the disagreement. Where any such disagreement cannot be resolved, the Committee has the right to report on the issue to the shareholder as part of the report on its activities.



- (iii) The Committee shall compile a report to the Audit Committee of HKEX on its activities after each and every of its meetings and on its activities to be included in the Company's annual report.
- (g) **Minutes of Meetings**
- (i) The Secretary shall minute the proceedings and decisions of all Committee meetings, including recording the names of those present and in attendance. When the Committee chairman deems appropriate, minutes shall be tabled at meetings of the Board. Draft and final versions of minutes of the meetings shall be sent to all Committee members for their comment and records, within a reasonable time after the meeting. Decisions of the Committee relating to financial reporting should be communicated to the Audit Committee of HKEX in a format deemed appropriate by the chairman of the Committee.

4 Authority

The duties of the Committee shall be:

4.1 Financial Reporting, Internal Controls and Risk Management System

4.1.1 Financial Reporting

- (a) The Committee shall monitor the integrity of the financial statements of the Company, including its annual and interim reports and any other formal announcement relating to its financial performance and review and report to the Board on significant financial reporting issues and judgements those statements contain having regard to matters communicated to it by the Auditor.
- (b) The Committee shall review and challenge where necessary:
 - (i) the application of significant accounting policies and practices and any changes to them, having regard to policies and practices across the HKEX Group;
 - (ii) the methods used to account for significant or unusual transactions where different approaches are possible;
 - (iii) whether the Company has adopted appropriate accounting policies and auditing standards and made appropriate estimates and judgments, taking into account the views of the external auditor;
 - (iv) the clarity and completeness of disclosure in the Company's financial reports and the context in which statements are made;
 - (v) all material information presented with the financial statements, including the strategic reporting and the corporate governance statements relating to the audit and to risk management
 - (vi) any other statements requiring board approval which contain financial information first, where to carry out a review prior to board approval would be practicable and consistent with any prompt reporting requirements under any law or regulation;



- (vii) the content of the annual report and accounts and advise the board on whether, taken as a whole, it is fair, balanced and understandable and provides the information necessary for shareholders to assess the Company's performance, business model and strategy ;
- (viii) the statements to be included in the annual report concerning internal control, risk management, including the assessment of principal risks and emerging risks, and the viability statement;
- (ix) any aspect of the proposed financial reporting by the Company it is not satisfied with and it shall report its views to the board;
- (x) any significant financial reporting issues and judgments and all material information presented with the financial statements, such as significant adjustments resulting from the audit, and the going concern assumption and any qualifications; and
- (xi) any significant or unusual items that are, or may need to be, reflected in financial reports and accounts, and must give due consideration to any matters that have been raised by the staff responsible for the accounting and financial reporting function, compliance function or auditor (internal or external)

4.1.2 Internal Controls

With respect to Internal Controls, the Committee shall:

- (i) monitor, and review with management, the adequacy and effectiveness of the Company's policies and procedures regarding internal controls relating to the key Risk Types for which it is responsible; financial and capital, conduct, compliance and those controls designed to detect fraud, and any statement concerning internal controls to be included in the annual accounts prior to endorsement by the Board; and
- (ii) discuss with management the scope and quality of systems of internal control and review annually that management has discharged its duty to have an effective internal control system including the adequacy of resources, qualifications and experience of staff of the accounting and financial reporting function, and their training programmes and budget;
- (iii) keep under review the Company's internal financial controls systems that identify, assess, manage and monitor financial risks, and other internal control and risk management systems;
- (iv) keep under review the Company's policies as they relate to the compliance, Whistleblowing and fraud;
- (v) review the Company's systems and controls for the prevention of bribery and receive reports on non-compliance;
- (vi) review the Company's procedures to detecting fraud; and
- (vii) review regular reports from the Money Laundering Reporting Officer and the adequacy and effectiveness of the Company's anti-money laundering systems and controls.

4.2 Anti-bribery and Anti-Corruption, Whistleblowing, Fraud Prevention and Financial Crime

The Committee shall:



- (a) review and approve the Company's assessment of the corruption risks to which it is subject and the framework of controls put in place to mitigate those risks, including but not limited to the Company's policies on anti-bribery, anti-corruption and risk management;
- (b) consider corruption risk within the framework of the risk management and compliance policy statement;
- (c) monitor and oversee compliance with the Company's anti-bribery and anti-corruption Policy, including reviewing this policy on an annual basis to ensure that it remains adequate for the purposes of the Bribery Act 2010 (UK) and any other applicable legislation;
- (d) where appropriate, seek advice or information from the Chief Compliance Officer or any other person it deems necessary regarding the Company's policy on anti-bribery and anti-corruption or compliance with it;
- (e) report on Committee business to the Board with such recommendations as the Committee may deem appropriate in relation to anti-bribery and anti-corruption;
- (f) establish and review the Company's policies and systems for its employees and third parties who deal with the Company to raise concerns, in confidence, about possible improprieties in financial reporting, internal control or other matters related to the Company, with the Committee. The Committee shall ensure that proper arrangements are in place for fair and independent investigation of these matters and for appropriate follow up action; and
- (g) review the Company's procedures for detecting internal fraud, findings of internal investigations and management's response into any suspected frauds or irregularities or failures of internal controls or infringements of laws, rules and regulations.

4.3 Internal Audit

The Committee shall:

- (a) monitor and review annually the effectiveness of the Company's internal audit function, in particular, ensure the adequacy of resources, staff qualifications and experience, training programmes and budget. Ensure co-ordination between the internal and external auditors and ensure that the internal audit function has appropriate standing within the Company and within the HKEX Group;
- (b) review and approve the annual internal audit plan and discuss with the internal auditor any significant findings and recommendations arising from the internal audit activities;
- (c) determine whether it is satisfied that the quality, experience and expertise of internal audit is appropriate for the business;
- (d) review and monitor management's responsiveness to the findings and recommendations of the internal auditors;
- (e) meet with the Head of Internal Audit;
 - (i) at every meeting, to discuss their remit and any issues arising from the internal audits carried out. Management of the Company shall not be present for such discussions; and
 - (ii) regularly throughout the year as the Head of Internal Audit shall require.



- (f) where consultants or internal group resources are engaged by management of the Company to review particular aspects of the Company's risk identification and/or risk management issues and/or internal control issues the Committee should have access to all such reports and presentations and if considered appropriate request that such consultant(s) present to the Committee;
- (g) ensure the internal auditor has direct access to the board chair and to the Committee chair, providing independence from management and accountability to the committee;
- (h) approve the Internal Audit Charter and review its effectiveness on an annual basis;
- (i) approve decisions regarding the appointment, removal, and salary of the Head of Internal Audit; and
- (j) review the performance evaluation of the Head of Internal Audit.

4.4 Compliance

- (a) monitor and review annually the effectiveness of the Company's Compliance function, in particular, ensure the adequacy of resources, staff qualifications and experience, training programmes and budget. Ensure that the Compliance function has appropriate standing within the Company and within the HKEX Group;
- (b) review and approve the annual Compliance Monitoring Policy and Plan and annual Benchmark Administrator Reasonable Steps Framework and SMR Control Framework and discuss with the Chief Compliance Officer any significant findings and recommendations arising from the compliance activities;
- (c) review the Conflicts of Interest policy, the associated controls and exceptions on an annual basis;
- (d) determine whether it is satisfied that the quality, experience and expertise of the compliance function is appropriate for the business;
- (e) review and monitor management's responsiveness to the findings and recommendations of the compliance function;
- (f) meet with the Chief Compliance Officer at every meeting, to discuss their remit and any issues arising from the compliance monitoring programme; and
- (g) where consultants or internal group resources are engaged by management of the Company to review particular aspects of the Company's risk identification and/or risk management issues and/or internal control issues the Committee should have access to all such reports and presentations and if considered appropriate request that such consultant(s) present to the Committee;
- (h) ensure the Chief Compliance Officer has direct access to the Board Chair and to the Committee Chair, providing independence from management and accountability to the committee; and
- (i) approve the Compliance Monitoring Programme and review its effectiveness on an annual basis.

4.5 External Audit

The Committee shall:



- (a) consider and make recommendations to the Board, in relation to the appointment, re-appointment and removal of the Company's external auditors, oversee, in consultation with HKEX, the selection process for new auditors and investigate a resignation by the external auditor.
- (b) oversee the relationship with the external auditors including but not limited to:
- (i) approval of their remuneration (after consultation with HKEX), whether fees for audit or non-audit services and that the level of fees is appropriate to enable an adequate audit to be conducted
 - (ii) develop and oversee the selection procedure for the appointment of the audit firm in accordance with applicable Code and regulatory requirements, ensuring that all tendering firms have access to all necessary information and individuals during the tendering process;
 - (iii) develop and recommend to the board the Company's formal policy on the provision of non-audit services by the types of non-audit service to be preapproved, and assessment of whether non-audit services have a direct or material effect on the audited financial statements;
 - (iv) assessing and monitoring annually their independence and objectivity taking into account relevant legal, professional and regulatory requirements, the Ethical Standard and the relationship with the auditors as a whole;
 - (v) assessing annually their qualifications, expertise and resources and the effectiveness of the audit process which shall include a report from the external auditors on their own internal quality procedures. Discuss with the external auditor the nature and scope of the audit and reporting obligations;
 - (vi) seek from external auditor, on an annual basis, information about policies and processes for maintaining independence and monitoring compliance with relevant requirements, including provision of non-audit services and requirements regarding rotation of audit partners and staff, the level of fees paid by the Company compared to the overall fee income of the firm, office and partner and other related requirements;
 - (vii) approve their terms of engagement, including any engagement letter issues at the start of each audit and the scope of the audit;
 - (viii) seek to ensure coordination of the external audit with the activities of the internal audit function; and
 - (ix) agree with the Board the policy relating to the hiring of employees or former employees of the external auditor and monitor the applications of such policy. The Committee will consider whether as a result of such hiring there has been any impairment of the auditor's judgment or independence in respect of an audit. A former partner of the existing external auditing firm should be prohibited from acting as a member of the Committee for a period of 1 year from the date of his/her ceasing to be a partner of the firm or to have financial interest in the firm, whichever is later.
- (c) meet with the external auditors (it being noted that the external auditors may participate in such meetings by telephone):



- (i) at every meeting to discuss their remit and any issues arising from the audit. Management of the Company shall not be present for such discussions; and
 - (ii) regularly throughout the year (including at the planning stage before the audit and at the reporting stage after the audit) as the external auditors shall require.
- (d) review and approve the annual external audit plan and ensure that it is consistent with the scope of the audit engagement;
- (e) review the findings of the external audit with the external auditors (if necessary in the absence of management), including but not limited to, the following:
- (i) a discussion of any major issues and recommendations which arose during the audit;
 - (ii) any key accounting and audit judgments;
 - (iii) levels of operational and financial errors identified during the audit; and
 - (iv) any disagreements with management which if not satisfactorily resolved would result in the issue of a qualified report on the financial statements.
- (f) obtain comments of management regarding the responsiveness of the external auditor to the needs of the Company, and review the effectiveness of the audit;
- (g) review any representation letter(s) requested by the external auditors before they are signed by management;
- (h) review the management letter and management's response to the external auditors' findings and recommendations; and
- (i) if required, appoint any accounting firm to perform an external review on the effectiveness of its designed control objectives and control activities. It will be responsible for overseeing the engagement process and approval of their remuneration. It will review and approve any report produced and ensure that it is in line with the terms of engagement.

Notwithstanding the matters above listed as part of the Committee's authority, the Committee shall not have authority to approve any decision that could have a significant impact on the risk profile of the Company. Any such decision shall be referred to the Board for approval.

The engagement of the Company's external auditor to perform non-audit services is in general prohibited except for tax-related services. If a compelling reason exists to engage the external auditors due to their unique expertise in a particular area, this matter shall be considered in accordance with the HKEX

Group Policy on external auditors providing services and the prior approval of the Committee is required.

5 Other Matters

(a) Authority and Duties

The Committee shall:



- (i) have access to sufficient resources and training in order to carry out its duties, including access to the Company Secretariat for advice and assistance as required;
- (ii) be provided with appropriate and timely training, both in the form of an induction programme for new members and on an ongoing basis for all members;
- (iii) give due consideration to all relevant laws and regulations, investigate any activity within its terms of reference;
- (iv) have access to members of management, legal counsel, and invite the attendance of outsiders with relevant experience and expertise at any meeting if necessary;
- (v) undertake regular and thorough review to ensure that the Company is meeting its requirements as a central counterparty;
- (vi) at least once a year, review its own performance, constitution and terms of reference to ensure it is operating at maximum effectiveness and recommend any changes it considers necessary to the Board for approval; and
- (vii) report on its activities on a quarterly basis to the Board.

In addition to the above, the Committee may investigate, discuss or review matters outside its terms of reference if required to do so by the Board.

(b) **Powers**

The Committee is authorised to:

- (i) have access to any information, record or reports it requires from any employee of the Company in order to perform its duties and all employees are directed to cooperate with the Committee;
- (ii) obtain, at the Company's expense, outside legal or other professional advice on any matter within its terms of reference; and
- (iii) call any employee of the Company to be questioned at a meeting of the Committee as and when required.

(c) **Conflict of Interests**

Committee members must ensure that unless outside consultation is agreed, they maintain confidentiality with regard to all matters discussed and all materials and data made available to them in respect of their Committee-related activities. Furthermore, a Committee member must declare to the chairman of the Committee the nature and extent of any conflict of interest ("**conflict**") he may have as soon as reasonably practicable. The Committee member shall provide the chairman with such details of the matter as is necessary for the chairman to decide how to address the conflict, together with such additional information as the chairman may request. Where the chairman considers that any member has an actual or potential conflict of interest on a particular matter, that Committee member shall not be permitted to vote in relation to that matter. Any conflicts shall be dealt with in accordance with the Conflicts of Interest policy. The Chairman is empowered to ask any Committee member to leave all or part of a meeting, or resign from the Committee if it considers their continued involvement is no longer appropriate. No reason need be given



Appendix – Key Risk Types Mapping

Risk Type	Key LME Committee Consideration Ownership	LME Committee Proposed Changes
Strategic	Board	Board
Legal	Board	Board
Technology	Technology and Operational Resilience Committee	Board Risk Committee
Operational	Technology and Operational Resilience Committee	Board Risk Committee
Third Party	Technology and Operational Resilience Committee	Board Risk Committee
Data	Technology and Operational Resilience Committee	Board Risk Committee
Change	Technology and Operational Resilience Committee	Board Risk Committee
Cyber	Technology and Operational Resilience Committee	Board Risk Committee
Business Continuity	Technology and Operational Resilience Committee	Board Risk Committee
Human Capital	Audit Committee	Audit Committee
Fraud	Audit Committee	Audit Committee
Compliance	Audit Committee	Audit Committee
Conduct	Audit and Risk Committee	Audit Committee
Capital	Audit Committee	Audit Committee
Credit	Audit Committee	Board Risk Committee
Market	Audit Committee	Board Risk Committee
Payment and Settlement	<i>Not applicable</i>	<i>Not applicable</i>
Custody	<i>Not applicable</i>	<i>Not applicable</i>
Liquidity	<i>Not applicable</i>	<i>Not applicable</i>
Model	<i>Not applicable</i>	Board Risk Committee
Markets and Trading	Audit Committee	Board Risk Committee
Physical Delivery Operations	Audit Committee	Board Risk Committee

