

XRF SCIENTIFIC LIMITED

BOARD CHARTER

Objectives

The management and control of the business is vested in the Board. The Board's primary responsibility is to oversee the Company's business activities and management for the benefit of the shareholders. The Board strives to create shareholder value and ensure that shareholder's funds are safeguarded.

The key responsibilities of the Board include:

- The overall corporate governance of the Company including its strategic direction and financial objectives, establishing goals for management and monitoring the attainment of these goals;
- Approving strategic plans, key operational and financial matters, and investment/divestment proposals;
- Approving the nominations of Directors to the Board and appointment of key executives;
- Evaluating and rewarding senior management and ensuring executive succession planning;
- Ensuring that the Directors have a good understanding of the Company's business;
- Ensuring Management maintains a sound system of internal controls to safeguard the assets of the Company;
- Monitoring the performance of the Company;
- Appointing and removing the Managing Director or Chief Executive Officer;
- Ratifying the appointment and, where appropriate, the removal of the Chief Financial Officer (or equivalent) and/or the company secretary;
- Reviewing and ratifying systems of risk management and internal compliance and control, codes of conduct and legal compliance, safety and occupational health policies, community and environmental issues;
- Monitoring senior management's performance and implementation of strategy, and ensuring appropriate resources are available; and
- Approving and monitoring the progress of major capital expenditure, capital management, and acquisitions and divestitures, together with any recommendations from management associated with these activities.

Relationship with management

Directors may delegate their powers as they consider it appropriate. Ultimate responsibility for strategy and control and oversight of sound and prudent management of the Company rests with the directors, however, the day-to-day operation and administration of the Company is delegated by the Board to the Managing Director.

The Company Secretaries are accountable directly to the Board, through the Chairman, on all matters to do with the proper functioning of the Board.

Composition

It is XRF's aim to have a majority of non-executive directors on the Board. The Chairman should also be an independent director.

All new directors are appointed by an ordinary resolution of the Company's shareholders at the annual AGM. The Company's Constitution requires that directors submit for re-election after a maximum period of three years. The remainder of the Board is responsible for ensuring that new directors are provided with a comprehensive induction programme.

The membership of the Board, its activities and composition are subject to periodic review. The criteria for determining the identification and appointment of a suitable candidate for the Board shall include the quality of the individual, experience and achievement, credibility within the Company's scope of activities, intellectual ability to contribute to the Board's duties and ability to undertake Board duties and responsibilities. The Company's full Board is responsible for such nominations and appointments rather than a separate committee.

Quorum, Secretary and Minutes

A quorum for Board meetings will be at least two members.

The Company Secretary will be the secretary for the Board and will be responsible for taking minutes of each meeting and distributing them to Board members as soon as practicable.

Review of the charter

This charter shall be reviewed annually and revised as required.