



ROLES AND RESPONSIBILITY



Chief Executive Officer (CEO)

- Monitor and manage risk at both Asset Management Company (“AMC”) and Scheme level
- Review the outcomes of risk management function on a monthly basis.
- Define and approve roles and responsibility including KRA of Chief Investment Officer - Equity (“CIO-Equity”), Head – Fixed Income (“HFI”) and other CXO relating to risk management
- Define Delegation of Power (DoP) framework for daily risk management, reporting and corrective actions and place it with Board of Directors of AMC for approval.
- Define risk appetite at AMC and scheme level and place these at the Board Risk Management and Compliance Committee of AMC for approvals.
- Define risk metric for
 - CIO-Equity, Head – Fixed Income and Fund Managers
 - Other CXOs
- Review risks events across different functions and approve corrective / recommended actions highlighted by the CIO-Equity, Head- Fixed Income and other CXOs
- Review identified fraud incidents, loss and near miss incidents along with corrective action plans and report to the Board Risk Management and Compliance Committee of AMC and Trustess.
- Report and escalate corrective actions on major findings to the Board of AMC and Trustee.
- Ensure adherence to the risk management framework of SEBI and relevant principles thereunder including risk identification, risk management, risk reporting (both periodic and escalation of material incident) and corrective actions taken, if any..

Chief Risk Officer (CRO)

- Ensure all risk related policies are defined, reviewed, and updated periodically and placed at the relevant risk management committee for approval.
- Responsible for implementation and governance of Risk Management Framework ("RMF") across Asset Management Company ("AMC") and Mutual Fund Schemes
- Responsible for overall risk management related activities of the AMC and Mutual Fund Schemes
- Establishing an organization wide risk conscious culture-
- Formulate and implement structured reporting process for risk monitoring and reporting to CEO, Enterprise Risk Management and Compliance Committees ("ERM&C Committee"), Board Risk Management and Compliance Committee ("BRM&C") of AMC and Trustee and Board of AMC and Trustee
- Monitor and ensure adherence and compliance to RMF across AMC and Mutual Fund Operations.
- Perform periodic review and update the RMF defined by the AMC and place the same to the ERM&C Committee for approval.
- Formulate and recommend changes to roles and responsibilities including KRAs relating to risk management activities and place these at the ERM&C Committee for approval.
- Periodically review the DoP approved by the Board of Directors of AMC covering the following:
 - Daily risk management
 - Daily risk reporting
 - Corrective actions at the level of Fund manager, CIO and CEO
- Review and suggest changes to the risk appetite and risk metrics for AMC and scheme as defined by the CEO
- Ensure formulation and implementation of adequate mechanism for –
 - Generating early warning signals;
 - Conducting stress testing for investment, credit and liquidity risks basis approved parameters;
 - Define the tolerance limits for each of the risk parameters;
 - Measurement and review of AMC and scheme specific risks including RCSA and the person responsible to monitor the risks;
 - Assessment and review of credit risk policies
 - Assess liquidity risk at a scheme level
 - Alerts pertaining to asset liability mismatch
 - Formulation of Fraud Risk Registers and Frauds response plan / strategies

- Escalation matrix for reporting and resolution of incidents (loss, near miss, fraud etc.)
- Ensure review of operations for material outsourced activities atleast on an annual basis;
- Adequate framework to detect and prevent security market violation, frauds and malpractices by the AMC and reporting framework on the same to the ERM&C and board Trustee on half yearly basis.
- Review and report the following to the ERM&C Committee and BRM&C committee of AMC and Trustee –
 - Risk reports and dashboards capturing deviations to risk thresholds, risk appetite across AMC and Scheme
 - Results of monitoring of early warning signals by respective functions
 - Result of stress testing based on defined parameters for investment, credit and liquidity risks, etc.
 - Internal and external fraud incidents reported / identified by CXOs including evaluation of fraud risk scenarios
 - Near miss and loss incidents identified and reported by the respective departments
 - Monitor liquidity risk including asset liability mismatch at a scheme and portfolio level vis-à-vis internally approved and defined liquidity model on a monthly basis
 - Major findings and corrective actions prepared by the CXOs
 - Monitor delays in implementation of corrective actions by CXOs
 - Monitor control breaches as a result of periodic RCSA review and mitigating actions put in place by the management and risk function.
- Independently assess reporting of risks to various committees and CEO.
- Ensure insurance cover is maintained based on AMC and Trustee approval for the MF operations and third party losses
- Report outcomes of the risk management function to the management atleast once a month.
- Approve investment limit setup such as minimum number of stocks/securities, cash (net of derivatives), stocks/securities vis-a-vis benchmark and Beta range, regulatory limits
- Define process to assess the control against each of the identified risk capturing following elements:
 - Measurement tool for each risk (RCSA, Stress Testing etc)
 - Monitoring and reporting frequency
 - Reporting of breaches
- Identify, assess and estimate emerging risks and their possible impact on AMC and mutual fund schemes
- Report existing and emerging risks associated with the MF and AMC activities in a structured manner to the Board Risk Management Committee of the AMC and Trustee

Chief Investment Officer – Equity

- Ensure adherence to risk management guidelines and risk appetite framework for schemes;
- Ensure daily management of risk and necessary reporting relating to Investment risk of all Equity and hybrid scheme(s) such as market Risk, liquidity Risk, credit risk etc. and other scheme specific risks (Compliance Risk, Fraud Risk, etc.)
- Review and provide recommendations for changes to the Investment and other policies such as liquidity risk policy and governance risk policy and place it with Board for approval.
- Ensure implementation of an integrated investment management system across front office, mid office and back office.
- Ensure investment policies are aligned to the investment objectives as documented in the Scheme Information Document (“SID”)
- Formulate, review and implement a framework for -
 - Updation / modification in the equity investment universe
 - Updation in internal investment limits;
 - Provide relevant information to Chief Risk Officer regarding the risk reports
 - Quantitative risk analysis (using metrics such as VaR, Sharpe Ratio, Treynor Ratio, Information Ratio, etc.)
 - Review portfolio concentration and take necessary actions to make adjustments to the portfolio holding
 - Monitoring risk appetite of the respective schemes
 - Assessment of the governance risk of the company
 - Assessing and monitoring risks of investing in multiple markets
 - Ensuring that schemes are managed in line with regulatory requirements
- Manage and monitor investment risks by conducting -
 - Redemption analysis
 - Investor concentration analysis
 - Distributor concentration analysis
- Ensure adherence to the “Stewardship Code” and other regulatory updates prescribed by SEBI for mutual funds
- Calculate overall risk by taking in to account the weighted average of risk-o-meter
- Ensure periodic reviews and monitoring the following -
 - Activities performed by fund managers with respect to risks identification, risk management, reporting and corrective actions.
 - Review and approve the changes to the risk appetite of the respective schemes

- Exceptions / breaches to the Investment limits and identify and implement corrective actions.
- Investment risk for new products
- Implementation of controls around dealing room such as –
 - non usage of mobile phones
 - dedicated recorded lines
 - restricted internet access
 - handling of information
- Ensure adequate due diligence are conducted and documented during inter-scheme transfers
- Monitor exceptions identified on review of the regular risk management activities
- Review adequacy of disclosures made to the investors regarding significant risks such as liquidity, counterparty and credit (quality of investments made mainly debt based on the credit rating), investment, and other risk areas across all schemes. Ensure disclosures made to clients are consistent with investments and holdings.
- Ensure that fund managers and dealers comply with Code of Conduct as per Schedule V B of Mutual Fund Regulations.
- Define and set internal limits such as -
 - minimum number of stocks/securities,
 - cash (net of derivatives),
 - stocks/securities vis-a-vis benchmark and
 - Beta range
- Report the key risk identified and corrective actions taken to the CEO and CRO.
- Define the responsibilities of the Fund Managers

Head of Fixed Income

- Ensure adherence to risk management guidelines and risk appetite framework for schemes;
- Ensure daily management of risk and necessary reporting relating to Investment risk of all scheme(s) such as market Risk, liquidity Risk, credit risk etc. and other scheme specific risks (Compliance Risk, Fraud Risk, etc.)
- Review and provide recommendations for changes to the Investment and other policies such as credit risk policy, liquidity risk policy and governance risk policy and place it with Board for approval.
- Ensure implementation of an integrated investment management system across front office, mid office and back office.
- Ensure investment policies are aligned to the investment objectives as documented in the Scheme Information Document ("SID")
- Formulate, review and implement a framework for -
 - Updation / modification in the debt investment universe
 - Updation in internal investment limits;
 - Provide relevant information to CRO regarding the risk reports
 - Quantitative risk analysis (using metrics such as VaR, Sharpe Ratio, Treynor Ratio, Information Ratio, etc.)
 - Review portfolio concentration and take necessary actions to make adjustments to the portfolio holding
 - Monitoring risk appetite within the potential risk class of the respective schemes
 - Assessment of the governance risk of the issuer
 - Assessing and monitoring risks of investing in multiple markets
 - Maintenance of all relevant documents and disclosures with regard to the debt and money market instruments before finalizing the deal
 - Ensuring that schemes are managed in line with regulatory requirements
- Manage and monitor investment risks by conducting -
 - Redemption analysis
 - Investor concentration analysis
 - Distributor concentration analysis
- Ensure adherence to the "Stewardship Code" and other regulatory updates prescribed by SEBI for mutual funds
- Calculate overall risk by taking in to account the weighted average of -
 - The risk-o-meter and
 - The events of defaults.
- Ensure periodic reviews and monitoring the following -

- Activities performed by fund managers with respect to risks identification, risk management, reporting and corrective actions.
- Review and approve the changes to the risk appetite within the potential risk class of the respective schemes
- Exceptions / breaches to the Investment limits and identify and implement corrective actions.
- Investment risk for new products
- Implementation of controls around dealing room such as –
 - non usage of mobile phones
 - dedicated recorded lines
 - restricted internet access
 - handling of information
- Ensure adequate due diligence are conducted and documented during inter-scheme transfers
- Monitor exceptions identified on review of the regular risk management activities
- Review adequacy of disclosures made to the investors regarding significant risks such as liquidity, counterparty and credit (quality of investments made mainly debt based on the credit rating), investment, and other risk areas across all schemes. Ensure disclosures made to clients are consistent with investments and holdings
- Ensure that fund managers and dealers comply with Code of Conduct as per Schedule V B of Mutual Fund Regulations.
- Define and set internal limits such as -
 - minimum number of securities,
 - cash (net of derivatives),
 - securities vis-a-vis benchmark and
- Report the key risk identified and corrective actions taken to the CEO and CRO.
- Define the responsibilities of the Fund Managers

Fund Manager (FM)

- Manage investment risk of managed scheme(s). i.e., market risk, liquidity risk, credit risk and other scheme specific risks within approved limits
- Ensure adherence to Risk Management framework, SID, internal & Regulatory limits.
- Ensure adherence of applicable provisions of Mutual Funds Regulations including Code of Conduct per Schedule V B.
- Adhere to the risk appetite framework and to maintain appropriate risk level of the scheme managed by the Fund Manager.
- Suggest / provide inputs on changes required to risk appetite to the CIO
- Recommend reduction/ change in the risk level of the schemes within the Potential Risk Class (PRC) to the Head- Fixed Income.
- Report identified risk, risk related events and corrective actions plans to the CIO
- Measure risks in accordance with the approved internal policy and risk metric.
- Periodic analysis of bulk trades and block deals of large values.
- Analysis and evaluation of ratings received from multiple credit rating agencies for securities across portfolios and take necessary actions
- Ensure disclosures made to clients are consistent with investments and holdings
- Manage and monitor investments in schemes by conducting –
 - Quantitative risk analysis using metrics such as VaR, Sharpe Ratio, Treynor Ratio, Information Ratio, etc.
 - analysis of concentration limits (counterparty wise, group wise, industry or sector wise, geography wise)
- Perform due diligence at the time of buying securities through inter-scheme transfers.
- Ensure maintenance of all relevant documents and disclosures with regard to debt and money market instruments before finalizing the deal
- Take corrective action for deviations, if required, as per the approved Delegation of Power (DoP).

Compliance Officer ('CO')

- Responsible for the governance of compliance risks.
- Formulate and implement compliance related policies such as prevention of front running, outside business activity, commercial bribes and kickbacks, whistle blowing policy, record retention policy, outsourcing arrangements etc. in accordance with SEBI risk management framework and approved by the Board of AMC and Trustee
- Review and suggest changes in the compliance related policies and obtain approval from Board of AMC and Trustee
- Tracking, identifying and communicating regulatory updates to the respective CXOs and monitor implementation.
- Provide inputs to CRO to define risk threshold and risk appetite for Compliance function
- Define and delegate specific responsibility to personnel within the compliance function for identifying and reporting risks related to the delegated responsibility to the Compliance Officer.
- Provide information to CRO regarding monthly / quarterly risk for reporting to the relevant Committees
- For the compliance function risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Ensure that regulatory returns / filings are timely filed by the respective CXOs
- Review the risk level for the function is in accordance with the approved risk threshold and risk metric
- Ensure adherence with the DoP framework
- Formulate, review and update the RCSA for key Compliance risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present the same to CRO and CEO
- Ensure adherence to the SEBI risk management framework
- Ensure timely and accurate submission of regulatory reports to the Regulator and Board of AMC and Trustee as prescribed by the SEBI Mutual Funds Regulations.

- Monitor the following scheme related disclosures -
 - Disclosure of credit risk (quality of investments made mainly debt based on the credit rating), counterparty risk, investment risk and other risks associated with the scheme to the investors
 - Scheme's risk profile (i.e Risk-o-Meter and Potential Risk Class) is stated in all scheme communications with investors including in the Scheme Information Document ("SID") , Key Information Memorandum ("KIM") and relevant marketing materials
 - Incorporate any other elements of risk appetite as may be stipulated by Board of AMC and Trustees in SID.
- Implement process for prevention or detection of possible insider trading at the personnel or portfolio levels
- Implement process for performing compliance check of AMC's marketing materials (collateral, brochures etc.), website uploads, digital advertising, and performance advertising etc. before its release.
- Ensure that roles and responsibilities as per the RMF is disclosed on the AMC website.
- Take immediate corrective action for non-compliance or major finding post approval from CEO as per DoP and shall report to CRO regarding the same..

Chief Operating Officer ("COO")

- Responsible for the governance of operational risks, technology and Cyber risk.
- Provide inputs to CRO to define risk threshold and risk appetite
- Define and delegate specific responsibility to personnel within the function for identifying and reporting risks related to the delegated responsibility to the COO .
- Provide relevant information to CRO regarding the risk reports
- For the relevant functional risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Perform adequate due diligence of outsourced vendors prior to onboarding
- Ensure periodic assessment of outsourced vendors considering following elements:
 - Review of vendors' people, systems and processes
 - Documentation and communication of error tolerance and code of conduct and monitoring breaches
 - Monitor fraud vulnerabilities in the outsourced process
- Monitor outliers findings identified during periodic assessment of outsourced vendors and recommend and monitor implementation
- Ensure implementation of an integrated investment management system across front office, mid office and back office.
- Ensure risk level are in accordance to the approved risk threshold and risk metric.
- Ensure adherence with the DoP framework
- Formulate, review and periodically provide inputs to update the RCSA for key risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present to CRO/ CEO
- Ensure adherence to the SEBI risk management framework
- Ensure adherence to SEBI guidelines related to cyber security and cyber resilience framework.

Chief Financial Officer ('CFO')

- Responsible for the governance of financial accounting and reporting risks.
- Formulate and implement policy for mutual fund accounting and obtain approval from the Board of AMC and Trustees
- Perform periodic review and suggest changes in the accounting policies and obtain approval from Board of AMC and Trustees
- Provide inputs to CRO to define risk threshold and risk appetite
- Define and delegate specific responsibility to personnel within the function for identifying and reporting risks related to the delegated responsibility to the CFO .
- Provide relevant information to CRO regarding the risk reports
- For the relevant functional risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Ensure adequate segregation of duties within the finance function for accounting related activities for scheme and AMC
- Review the risk level are in accordance with the approved risk threshold and risk metric.
- Ensure adherence with the DoP framework
- Formulate, review and periodically provide inputs to update the RCSA for key risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present to CRO/ CEO
- Ensure adherence to the SEBI risk management framework
- Formulate procedure documents and implement process to perform periodic testing of internal controls over financial reporting of Mutual Fund schemes
- Formulate documented process/procedure and define responsibilities for:
 - Calculation and deposit statutory levies applicable to Mutual Funds
 - Acceptance of applications from permitted jurisdictions
 - Monitoring of risks emanating from tax related aspects and their redressal
 - Implementation of new and amended statutory and regulatory requirements

Head - Human Resources

- Responsible for the governance of Human Resource risks
- Formulate and implement remuneration policy and obtain approval from CEO or respective committee, if required
- Review and suggest changes in the Human Resources policies and obtain approval CEO or respective committee, if required
- Provide inputs to Chief Risk Officer (“CRO”) to define risk threshold and risk appetite
- Define and delegate specific responsibility to personnel within the function for identifying and reporting risks related to the delegated responsibility to the Head – Human Resource Officer
- Provide relevant information to CRO regarding the risk reports
- For the relevant functional risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Review the risk level for the functional risk is in accordance to the approved risk threshold and risk metric.
- Ensure periodic assessment of outsourced vendors considering following elements:
 - Review of vendors' people, systems and processes
 - Documentation and communication of error tolerance and code of conduct and monitoring breaches
 - Monitor fraud vulnerabilities in the outsourced process
- Ensure adherence with the DoP framework
- Formulate, review and periodically provide inputs to update the RCSA for key risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present to CRO/ CEO
- Ensure a well-defined succession planning process for KMP and other key positions in the AMC
- Adequate backup and succession plan for key positions and key people are present at all times to ensure that at no point of time the AMC is deprived of the services of any Key Managerial Person (KMP).
- Ensure adherence to the SEBI risk management framework
- Ensure that risk related KRAs are defined for CXOs and one level below CXO as required by the SEBI RMF

Head – Institution Business and Key Account

- Responsible for the governance of business risks including distribution risks and product risk.
- Provide inputs to CRO to define risk threshold and risk appetite
- Define and delegate specific responsibility to personnel within the sales and product function for identifying and reporting risks related to the delegated responsibility to the Head - Institution Business and Key Account.
- Provide relevant information to CRO regarding the risk reports
- For the relevant functional risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Review the risk level for the functional risk is in accordance to the approved risk threshold and risk metric.
- Ensure adherence with the DoP framework
- Formulate, review and periodically provide inputs to update the RCSA for key risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present to CRO/ CEO
- Ensure adherence to the SEBI risk management framework
- Monitor the distribution channels and mis-selling incidents reported such as –
 - Number of mis-selling incidents
 - Negative comments in the inspection report relating to distribution
 - Analysis of the portfolio of investors e.g. nature of investments vis-à-vis risk appetite of investor
- Exceptions reported by Sales and product basis reviews done for distributors.

Head – Retail and International Business

- Responsible for the governance of business risks including distribution risks ,Marketing and Reputation risk.
- Provide inputs to CRO to define risk threshold and risk appetite
- Define and delegate specific responsibility to personnel within the sales and marketing function for identifying and reporting risks related to the delegated responsibility to the Head - Retail and International Business.
- Provide relevant information to CRO regarding the risk reports
- For the relevant functional risks, identify, analyze and report the following to the CRO and CEO along with recommended action plan for:
 - Early warning signals
 - Emerging risks
 - Major findings
 - Near miss and loss events
 - Fraud incidentsEnsure escalation of such incidents as per the escalation matrix approved by CRO.
- Review the risk level for the functional risk is in accordance to the approved risk threshold and risk metric.
- Ensure adherence with the DoP framework
- Formulate, review and periodically provide inputs to update the RCSA for key risks and controls
- Perform and report outcomes of periodic testing of the RCSA to CRO
- Identify and implement corrective actions / recommend action plans for deviations in the controls and present to CRO/ CEO
- Ensure adherence to the SEBI risk management framework
- Monitor the distribution channels and mis-selling incidents reported such as –
 - Number of mis-selling incidents
 - Negative comments in the inspection report relating to distribution
 - Analysis of the portfolio of investors e.g. nature of investments vis-à-vis risk appetite of investor
- Exceptions reported by Sales and marketing basis reviews done for distributors.

- Ensure that all the marketing materials (collateral, brochures etc.), website uploads, digital advertising, and performance advertising etc. are checked by compliance before its release.
- Establish a monitoring process for media interaction and social media grievances etc.
- Implement process for Crisis Management to minimize or neutralize negative publicity in the event of any incident or bad conduct by an employee