

**THE AUDITOR'S RESPONSIBILITY TO CONSIDER FRAUD
IN AN AUDIT OF FINANCIAL STATEMENTS**

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International Standards on Auditing (ISAs) are to be applied in the audit of financial statements. ISAs are also to be applied, adapted as necessary, to the audit of other information and to related services.

ISAs contain the basic principles and essential procedures (identified in bold type black lettering) together with related guidance in the form of explanatory and other material. The basic principles and essential procedures are to be interpreted in the context of the explanatory and other material that provide guidance for their application.

To understand and apply the basic principles and essential procedures together with the related guidance, it is necessary to consider the whole text of the ISA including explanatory and other material contained in the ISA, not just that text which is black lettered.

In exceptional circumstances, an auditor may judge it necessary to depart from an ISA in order to more effectively achieve the objective of an audit. When such a situation arises, the auditor should be prepared to justify the departure.

ISAs need only be applied to material matters.

The Public Sector Perspective (PSP) issued by the Public Sector Committee of the International Federation of Accountants is set out at the end of an ISA. Where no PSP is added, the ISA is applicable in all material respects to the public sector.

Introduction¹

1. The purpose of this International Standard on Auditing (ISA) is to establish standards and provide guidance on the auditor's responsibility to consider fraud in an audit of financial statements². While this ISA focuses on the auditor's responsibilities with respect to fraud, the primary responsibility for the prevention and detection of fraud rests with both those charged with governance and the management of an entity.
2. The following is an overview of this standard:
 - *Characteristics of fraud.* This section distinguishes fraud from error and describes the two types of fraud that are relevant to the auditor – misstatements resulting from misappropriation of assets and misstatements resulting from fraudulent financial reporting. The section also discusses earnings management and explains that earnings management may result in fraudulent financial reporting.
 - *Responsibilities of those charged with governance and of management.* This section explains that the primary responsibility for the prevention and detection of fraud rests with both those charged with governance and the management of the entity and describes the responsibility of each party.
 - *Responsibilities of the auditor.* This section outlines the responsibilities of the auditor and explains that due to the inherent limitations of an audit there is an unavoidable risk that some material misstatements of the financial statements will not be detected even though the audit is properly planned and performed in accordance with ISAs.
 - *Professional skepticism.* This section requires the auditor to conduct the audit recognizing the possibility that fraud might exist, regardless of the auditor's past experience with the entity and regardless of the auditor's belief about the honesty and integrity of management and those charged with governance of the entity.
 - *Discussion among the engagement team.* This section requires discussion among the engagement team about the susceptibility of the entity's financial statements to material misstatements due to fraud.
 - *Identification of the risk of material misstatement due to fraud.* This section requires the auditor to make inquiries of management, of those charged with governance, and of others within the entity as appropriate. The section also requires the auditor to consider whether this information and other information gathered when obtaining an understanding of the entity indicates that one or more fraud risk factors are present.
 - *Assessment of the risk of material misstatement due to fraud.* This section requires the auditor to make an assessment of the risk of material misstatement due to fraud and to consider fraud risk factors and controls to determine a response to that assessment.
 - *Responses to the risk of material misstatement due to fraud.* This section requires the auditor to design and perform audit procedures to respond to the risk of misstatement due to fraud and to respond to the risk of management override of controls.
 - *Consideration of identified misstatements.* This section requires the auditor to consider whether an identified misstatement may be indicative of fraud.
 - *Management representations.* This section requires the auditor to obtain written representations from management relating to fraud.

¹ This proposed ISA has been developed reflecting the proposals contained in the October 2002 exposure draft "Audit Risk – Proposed International Standards on Auditing and Proposed Amendment to ISA 200 Objective and Principles Governing an Audit of Financial Statements."

² The auditor's responsibility to consider laws and regulations in an audit of financial statements is established in ISA 250, "Consideration of Laws and Regulations."

- *Communications with management and those charged with governance.* This section deals with matters that the auditor communicates with management and those charged with governance.
 - *Communications to regulatory and enforcement authorities.* This section deals with matters that the auditor considers regarding communications with regulatory and enforcement authorities.
 - *Auditor unable to continue the engagement.* This section provides guidance to the auditor if, as a result of a misstatement resulting from fraud or suspected fraud, the auditor encounters exceptional circumstances that bring into question the auditor's ability to continue performing the audit.
 - *Documentation.* This section establishes documentation requirements.
3. **When planning and performing the audit to reduce audit risk to an acceptably low level, the auditor should consider the risk of material misstatements in the financial statements resulting from fraud.** ISA XX, “*Understanding the Entity and its Environment and Assessing the Risks of Material Misstatement*” establishes standards and provides guidance on obtaining an understanding of the entity and its environment, including its internal control, and on assessing the risks of misstatement resulting from fraud or error in a financial statement audit. ISA XX, “*The Auditor's Procedures in Response to Assessed Risks*” establishes standards and provides guidance on determining overall responses and designing and performing audit procedures to respond to the assessed risks of material misstatement at the financial statements and assertion levels. This ISA establishes additional standards and provides additional guidance on the auditor's responsibility with respect to the risk of material misstatement due to fraud.

Characteristics of Fraud

4. Misstatements in the financial statements can arise from fraud or error. The distinguishing factor between fraud and error is whether the underlying action that results in the misstatement of the financial statements is intentional or unintentional.
5. The term “error” refers to an unintentional misstatement in financial statements, including the omission of an amount or a disclosure, such as:
 - A mistake in gathering or processing data from which financial statements are prepared.
 - An incorrect accounting estimate arising from oversight or misinterpretation of facts.
 - A mistake in the application of accounting principles relating to measurement, recognition, classification, presentation or disclosure.
6. The term “fraud” refers to an intentional act by one or more individuals among management, those charged with governance, employees, or third parties, involving the use of deception to obtain an unjust or illegal advantage. Although fraud is a broad legal concept, the auditor is concerned with fraudulent acts that cause a material misstatement in the financial statements. Auditors do not make legal determinations of whether fraud has actually occurred. Fraud involving one or more members of management or those charged with governance is referred to as “management fraud”; fraud involving only employees of the entity is referred to as “employee fraud”. In either case, there may be collusion with third parties outside the entity.
7. Two types of intentional misstatements are relevant to the auditor—misstatements resulting from fraudulent financial reporting and misstatements resulting from misappropriation of assets.

8. Fraudulent financial reporting involves intentional misstatements or omissions of amounts or disclosures in financial statements to deceive financial statement users. Fraudulent financial reporting may be accomplished by the following:
- Manipulation, falsification (including forgery), or alteration of accounting records or supporting documentation from which the financial statements are prepared.
 - Misrepresentation in, or intentional omission from, the financial statements of events, transactions or other significant information.
 - Intentional misapplication of accounting principles relating to amounts, classification, manner of presentation, or disclosure.
9. Fraudulent financial reporting often involves management override of controls that otherwise may appear to be operating effectively. Fraud can be committed by management overriding controls using such techniques as:
- (a) Recording fictitious journal entries, particularly close to the end of an accounting period to manipulate operating results or achieve other objectives;
 - (b) Intentionally biasing assumptions and judgments used to estimate account balances; and
 - (c) Altering records and terms related to significant and unusual transactions.
10. Fraudulent financial reporting can be caused by the efforts of management to manage earnings in order to deceive stakeholders by influencing their perceptions as to the entity's performance and profitability. At one end of a continuum, earnings management may start out with small actions or biased judgments by management. However, pressures and incentives may lead these actions to increase to the extent that they are no longer acceptable and result in fraudulent financial reporting. Such a situation could occur when, due to pressures to meet market expectations or a desire to maximize compensation based on performance, management intentionally takes abusive positions that lead to fraudulent financial reporting by materially misstating the financial statements. It is important for the auditor to be aware of circumstances that may be indicative of earnings management and particularly of positions or judgments that may create intentional material misstatements in the financial statements.
11. Misappropriation of assets involves the theft of an entity's assets. Misappropriation of assets can be accomplished in a variety of ways (including embezzling receipts, stealing physical assets or intellectual property, or causing an entity to pay for goods and services not received). Misappropriation of assets is often accompanied by false or misleading records or documents in order to conceal the fact that the assets are missing.
12. Fraud involves incentive or pressure to commit fraud, a perceived opportunity to do so and some rationalization of the act. Individuals may have an incentive to misappropriate assets for example, because the individuals are living beyond their means. Fraudulent financial reporting may be committed because management is under pressure, from sources outside or inside the entity, to achieve an expected (and perhaps unrealistic) earnings target – particularly since the consequences to management for failing to meet financial goals can be significant. A perceived opportunity for fraudulent financial reporting or misappropriation of assets may exist when an individual believes internal control could be overridden, for example, because the individual is in a position of trust or has knowledge of specific weaknesses in internal control. Individuals may be able to rationalize committing a fraudulent

act. Some individuals possess an attitude, character or set of ethical values that allow them to knowingly and intentionally commit a dishonest act. However, even otherwise honest individuals can commit fraud in an environment that imposes sufficient pressure on them.

Responsibilities of Those Charged with Governance and of Management

13. The primary responsibility for the prevention and detection of fraud rests with both those charged with governance of the entity and with management of the entity. The respective responsibilities of those charged with governance and management may vary by entity and from country to country. It is important that management, with the oversight of those charged with governance, place a strong emphasis on fraud prevention, which may reduce opportunities for fraud to take place, and fraud deterrence, which could persuade individuals not to commit fraud because of the likelihood of detection and punishment. This involves a culture of honesty and ethical behavior. Such a culture is rooted in a strong set of core values that provides the foundation for employees as to how the entity conducts its business. Creating a culture of honesty and ethical behavior includes setting the proper tone; creating a positive workplace environment; hiring, training and promoting appropriate employees; requiring periodic confirmation by employees of their responsibilities and taking appropriate action in response to actual, suspected or alleged fraud.
14. It is the responsibility of those charged with governance of the entity to ensure, through oversight of management, that the entity establishes and maintains internal control to provide reasonable assurance with regard to reliability of financial reporting, effectiveness and efficiency of operations and compliance with applicable laws and regulations. Active oversight by those charged with governance can help reinforce management's commitment to create a culture of honesty and ethical behavior. In exercising oversight responsibility, those charged with governance consider the potential for management override of controls or other inappropriate influence over the financial reporting process, such as efforts by management to manage earnings in order to influence the perceptions of analysts as to the entity's performance and profitability.
15. It is the responsibility of management of an entity to establish a control environment and maintain policies and procedures to assist in achieving the objective of ensuring, as far as possible, the orderly and efficient conduct of the entity's business. This responsibility includes establishing and maintaining controls pertaining to the entity's objective of preparing financial statements for external purposes that give a true and fair view (or are presented fairly in all material respects) in accordance with the identified financial reporting framework and the management of risk that may give rise to a risk of material misstatement in those financial statements. Such controls reduce but do not eliminate the risk of misstatement. In determining which controls to implement to prevent and detect fraud, management considers the risk that the financial statements may be materially misstated as a result of fraud. As part of this consideration, management may conclude that that it is not cost effective to implement and maintain a particular control in relation to the reduction in the risk of material misstatement due to fraud to be achieved. Accordingly, management assumes responsibility for any remaining risk of misstatement in the financial statements.

Responsibilities of the Auditor

16. As described in ISA 200, "Objective and General Principles Governing an Audit of Financial Statements," the objective of an audit of financial statements is to enable the auditor to express an opinion whether the financial statements are prepared, in all material respects, in

accordance with an identified financial reporting framework. An auditor conducting an audit in accordance with ISAs obtains reasonable assurance that the financial statements taken as a whole are free from material misstatement, whether caused by fraud or error. The fact that an audit is carried out may act as a deterrent, but the auditor is not and cannot be held responsible for the prevention of fraud.

17. An auditor cannot obtain absolute assurance that material misstatements in the financial statements will be detected. Owing to the inherent limitations of an audit, there is an unavoidable risk that some material misstatements of the financial statements will not be detected, even though the audit is properly planned and performed in accordance with ISAs. An audit does not guarantee that all material misstatements will be detected because of such factors as the use of judgment, the use of testing, the inherent limitations of internal control and the fact that much of the audit evidence available to the auditor is persuasive rather than conclusive in nature. For these reasons, the auditor is able to obtain only reasonable assurance that material misstatements in the financial statements will be detected.
18. The risk of not detecting a material misstatement resulting from fraud is higher than the risk of not detecting a material misstatement resulting from error because fraud may involve sophisticated and carefully organized schemes designed to conceal it, such as forgery, deliberate failure to record transactions, or intentional misrepresentations being made to the auditor. Such attempts at concealment may be even more difficult to detect when accompanied by collusion. Collusion may cause the auditor to believe that audit evidence is persuasive when it is, in fact, false. The auditor's ability to detect a fraud depends on factors such as the skillfulness of the perpetrator, the frequency and extent of manipulation, the degree of collusion involved, the relative size of individual amounts manipulated, and the seniority of those involved. While the auditor may be able to identify potential opportunities for fraud to be perpetrated, it is difficult, if not impossible, for the auditor to determine intent, particularly in matters involving management judgment, such as accounting estimates and the appropriate selection or application of accounting principles. Audit procedures that are effective for detecting an error may be ineffective for detecting fraud.
19. Furthermore, the risk of the auditor not detecting a material misstatement resulting from management fraud is greater than for employee fraud, because management is frequently in a position to directly or indirectly manipulate accounting records and present fraudulent financial information. Certain levels of management may be in a position to override control procedures designed to prevent similar frauds by other employees, for example, by directing subordinates to record transactions incorrectly or to conceal them. Given its position of authority within an entity, management has the ability to either direct employees to do something or solicit their help to assist management in carrying out a fraud, with or without the employees' knowledge.
20. The auditor's opinion on the financial statements is based on the concept of obtaining reasonable assurance; hence, in an audit, the auditor does not guarantee that material misstatements, whether from fraud or error, will be detected. Therefore, the subsequent discovery of a material misstatement of the financial statements resulting from fraud does not, in and of itself, indicate: a failure to obtain reasonable assurance; inadequate planning, performance or judgment; the absence of professional competence and due care; or a failure to comply with ISAs. This is particularly the case for certain kinds of intentional misstatements, since audit procedures may be ineffective for detecting an intentional misstatement that is concealed through collusion between or among one or more individuals

among management, those charged with governance, employees, or third parties, or involves falsified documentation. Whether the auditor has performed an audit in accordance with ISAs is determined by the sufficiency and appropriateness of the audit procedures performed in the circumstances and the suitability of the auditor's report based on the results of these procedures.

Professional Skepticism

21. As required by ISA 200 "Objectives and General Principles Governing an Audit of Financial Statements," the auditor plans and performs an audit with an attitude of professional skepticism recognizing that circumstances may exist that cause the financial statements to be materially misstated. Due to the characteristics of fraud, the auditor's attitude of professional skepticism is particularly important when considering the risk of material misstatement due to fraud. Professional skepticism is an attitude that includes a questioning mind and a critical assessment of audit evidence.
22. **When conducting the audit, the auditor should recognize the possibility that a material misstatement due to fraud could exist, regardless of any past experience with the entity and regardless of the auditor's belief about the honesty and integrity of management and those charged with governance.** Professional skepticism requires an ongoing questioning of whether the information and audit evidence obtained suggests that a material misstatement due to fraud may exist. When making inquiries and obtaining other audit evidence, the auditor exercises professional skepticism and is not satisfied with less-than-persuasive audit evidence because of a belief that management and those charged with governance are honest and have integrity.
23. An audit performed in accordance with ISAs rarely involves the authentication of documentation, nor is the auditor trained as or expected to be an expert in such authentication. However, the auditor considers the reliability of the information to be used as audit evidence including consideration of controls over the preparation and maintenance where relevant. Unless the audit reveals audit evidence to the contrary, the auditor ordinarily accepts records and documents as genuine.

Discussion Among the Engagement Team

24. **The members of the engagement team should discuss the susceptibility of the entity's financial statements to material misstatement due to fraud.**
25. ISA XX, "Understanding the Entity and its Environment and Assessing the Risks of Material Misstatement" requires the members of the engagement team to discuss the susceptibility of the entity to material misstatements of the financial statements. This discussion places particular emphasis on the susceptibility of the entity's financial statements to fraud. The discussion involves the engagement partner and professional judgment is used to determine which other members of the engagement team are included in the discussion. Ordinarily the discussion involves the key members of the engagement team. The discussion occurs with a questioning mind setting aside any prior beliefs that the engagement team members may have that management and those charged with governance are honest and have integrity. The discussion ordinarily includes:
 - An exchange of ideas among engagement team members about how and where they believe the entity's financial statements may be susceptible to material misstatement due

- to fraud, how management could perpetrate and conceal fraudulent financial reporting, and how assets of the entity could be misappropriated;
- A consideration of practices followed by management to manage earnings that could lead to fraudulent financial reporting;
 - A consideration of the known external and internal factors affecting the entity that may create an incentive or pressure for management or others to commit fraud, provide the opportunity for fraud to be perpetrated, and indicate a culture or environment that enables management or others to rationalize committing fraud;
 - An emphasis on the importance of maintaining a proper state of mind throughout the audit regarding the potential for material misstatement due to fraud;
 - A consideration of any allegations of fraud that have come to the auditor's attention; and
 - A consideration of the risk of management override of controls.
26. Discussing the susceptibility of the entity's financial statements to material misstatement due to fraud is an important part of planning the audit. It enables the auditor to consider an appropriate response to the susceptibility of the entity's financial statements to material misstatement due to fraud and to determine which members of the engagement team will conduct certain audit procedures. It also permits the auditor to determine how the results of audit procedures will be shared among the engagement team and how to deal with any allegations of fraud that may come to the auditor's attention. Many small audits are carried out entirely by the engagement partner (who may be a sole practitioner). In such situations, the engagement partner, having personally conducted the planning of the audit, considers the susceptibility of the entity's financial statements to material misstatement due to fraud.
27. It is also important that, throughout the audit, engagement team members continue to communicate and share information obtained that may affect the assessment of risks of material misstatement due to fraud or the audit procedures performed to address these risks.

Identification of the Risk of Material Misstatement Due to Fraud

INQUIRIES OF MANAGEMENT

28. **When obtaining an understanding of the entity and its environment, including its internal control, the auditor should make inquiries of management to obtain an understanding of:**
- (a) **Management's assessment of the risk that the financial statements may be materially misstated as a result of fraud; and**
 - (b) **Management's process for identifying and responding to the risks of fraud in the entity, including any specific fraud risks that management has identified or account balances or classes of transactions for which a risk of fraud may be likely to exist.**
29. As management is responsible for the entity's internal control and for the preparation of the financial statements, it is appropriate for the auditor to make inquiries of management regarding management's own assessment of the risk of fraud and the controls in place to prevent and detect it. The nature, extent and frequency of management's assessment of such controls and risk vary from entity to entity. In some entities, management may make detailed assessments on an annual basis or as part of continuous monitoring. In other entities,

management's assessment may be less formal and less frequent. In some entities, particularly smaller entities, the focus of the assessment may be on the risk of employee fraud or misappropriation of assets. The nature, extent and frequency of management's assessment are relevant to the auditor's understanding of the entity's control environment. For example, the fact that management has not made an assessment of the risk of fraud may in some circumstances be indicative of the lack of importance that management places on internal control.

30. When making inquiries to obtain an understanding of management's process for identifying and responding to the risks of fraud in an entity, the auditor also obtains an understanding of the process to respond to internal or external allegations of fraud affecting the entity. For entities with multiple locations, the auditor obtains an understanding of the nature and extent of monitoring of operating locations or business segments and whether there are particular operating locations or business segments for which a risk of fraud may be more likely to exist.
31. **The auditor should make inquiries of management, and others within the entity as appropriate, to determine whether they have knowledge of any actual, suspected or alleged fraud affecting the entity.**
32. Although the auditor's inquiries of management may provide useful information concerning the risk of material misstatements in the financial statements resulting from employee fraud, such inquiries are unlikely to provide useful information regarding the risk of material misstatements in the financial statements resulting from management fraud. Making inquiries of others within the entity, in addition to management, may be useful in providing the auditor with a perspective that is different from management and those responsible for the financial reporting process. Such inquiries may provide individuals with an opportunity to convey information to the auditor that may not otherwise be communicated. The auditor uses professional judgment in determining those others within the entity to whom inquiries are directed and the extent of such inquiries. In making this determination the auditor considers whether others within the entity may be able to provide information that will be helpful to the auditor in identifying the risk of material misstatement due to fraud.
33. The auditor ordinarily makes inquiries of internal audit personnel, for those entities that have an internal audit function. The inquiries address the views of the internal auditors regarding the risks of fraud, whether during the year the internal auditors have performed any procedures to detect fraud, whether management has satisfactorily responded to any findings resulting from these procedures, and whether the internal auditors have knowledge of any actual, suspected or alleged fraud.
34. Examples of others within the entity to whom the auditor may direct inquiries about the existence or suspicion of fraud include:
 - (a) In-house legal counsel;
 - (b) Operating personnel not directly involved in the financial reporting process;
 - (c) Employees with different levels of authority;
 - (d) Employees involved in initiating, processing or recording complex or unusual transactions and those who supervise or monitor such employees.

35. When evaluating management's responses to inquiries, the auditor recognizes that management is often in the best position to perpetrate fraud. Therefore, the auditor uses professional judgment in deciding when it is necessary to corroborate responses to inquiries with other information. When responses to inquiries are inconsistent, the auditor obtains additional audit evidence to resolve the inconsistencies.

INQUIRIES OF THOSE CHARGED WITH GOVERNANCE

- 36. The auditor should make inquiries of those charged with governance to obtain an understanding of how they exercise oversight of management's processes for identifying and responding to the risks of fraud in the entity and the internal control that management has established to mitigate these risks.**

37. Those charged with governance of an entity have oversight responsibility for systems for monitoring risk, financial control and compliance with the law. In many countries, corporate governance practices are well developed and those charged with governance play an active role in oversight of the entity's assessment of the risks of fraud and the internal control the entity has established to mitigate specific fraud risks that the entity has identified. Obtaining an understanding of how those charged with governance exercise oversight of management's processes for identifying and responding to the risks of fraud in the entity, and the internal control that management has established to mitigate these risks, may provide insights regarding the susceptibility of the entity to management fraud, the adequacy of such internal control and the competence and integrity of management.

38. Since the responsibilities of those charged with governance and management may vary by entity and from country to country, it is important that the auditor understands the nature of these responsibilities within an entity to enable the auditor to obtain an understanding of the oversight exercised by the appropriate individuals.³ Those charged with governance include management when management performs such functions, such as may be the case in smaller entities.

39. In addition, the auditor considers whether there are any matters of governance interest to be discussed with those charged with governance of the entity.⁴ Such matters may include for example:

- Concerns about the nature, extent and frequency of management's assessments of the controls in place to prevent and detect fraud and of the risk that the financial statements may be misstated.
- A failure by management to appropriately address identified material weaknesses in internal control.
- The auditor's evaluation of the entity's control environment, including questions regarding competence and integrity of management.
- The effect of any matters, such as those above, on the general approach and overall scope of the audit, including additional audit procedures that the auditor may need to perform.

³ ISA 260, "Communication of Audit Matters with Those Charged with Governance," paragraph 8 discusses with whom the auditor communicates when the entity's governance structure is not well defined.

⁴ For a discussion of these matters, see ISA 260, "Communication of Audit Matters with Those Charged with Governance," paragraphs 11–12.

FRAUD RISK FACTORS

40. **When obtaining an understanding of the entity and its environment, including its internal control, the auditor should consider whether the information obtained indicates that one or more fraud risks factors are present.**

41. The fact that fraud is usually concealed can make it very difficult to detect. Nevertheless, when obtaining an understanding of the entity and its environment, the auditor may identify events or conditions that indicate an incentive or pressure to commit fraud or provide an opportunity to commit fraud. Such events or conditions are referred to as “fraud risk factors”. For example:

- The need to meet expectations of third parties to obtain additional equity financing may create pressure to commit fraud;
- The granting of significant bonuses if unrealistic profit targets are met may create an incentive to commit fraud; and
- Inadequate internal control may create an opportunity to commit fraud.

While fraud risk factors may not necessarily indicate the existence of fraud, they have often been present in circumstances where frauds have occurred. The presence of fraud risk factors may affect the auditor’s assessment of the risk of material misstatement.

42. Fraud risk factors cannot easily be ranked in order of importance or combined into effective predictive models. The significance of fraud risk factors varies widely. Some of these factors will be present in entities where the specific conditions do not present a risk of material misstatement. Accordingly, the auditor exercises professional judgment in determining whether a fraud risk factor is present and whether it should be considered in assessing the risk of material misstatement of the financial statements due to fraud.

43. The examples of fraud risk factors related to fraudulent financial reporting and misappropriation of assets are presented in Appendix 1 to this ISA. These illustrative risk factors are classified based on the three conditions that are generally present when fraud exists: an incentive or pressure to commit fraud; a perceived opportunity to commit fraud; and an ability to rationalize the fraudulent action. Risk factors reflective of an attitude that permits rationalization of the fraudulent action may not be susceptible to observation by the auditor. Nevertheless, the auditor may become aware of the existence of such information. Although the fraud risk factors described in Appendix 1 cover a broad range of situations typically faced by auditors, they are only examples. Not all of these examples are relevant in all circumstances, and some may be of greater or lesser significance in entities of different size, with different ownership characteristics, in different industries, or because of other differing characteristics or circumstances. Accordingly, the auditor uses professional judgment when assessing the significance and relevance of fraud risk factors and determining the appropriate audit response.

44. The size, complexity, and ownership characteristics of the entity have a significant influence on the consideration of relevant fraud risk factors. For example, in the case of a large entity, the auditor ordinarily considers factors that generally constrain improper conduct by management, such as the effectiveness of those charged with governance, the internal audit function and the existence and enforcement of a formal code of conduct. Furthermore, fraud risk factors considered at a business segment operating level may provide different insights

than the consideration thereof at an entity-wide level. In the case of a small entity, some or all of these considerations may be inapplicable or less important. For example, a smaller entity may not have a written code of conduct but, instead, may have developed a culture that emphasizes the importance of integrity and ethical behavior through oral communication and by management example. Domination of management by a single individual in a small entity does not generally, in and of itself, indicate a failure by management to display and communicate an appropriate attitude regarding internal control and the financial reporting process. The need for management authorization can compensate for otherwise weak controls and reduce the risk of employee fraud. However, this can be a potential weakness since there is an opportunity for management override of controls.

45. In obtaining an understanding of the entity and its environment the auditor performs analytical procedures. In performing analytical procedures the auditor develops expectations about plausible relationships that are reasonably expected to exist based on the auditor's understanding of the entity and its environment. When a comparison of those expectations with recorded amounts or with ratios developed from recorded amounts yields unusual or unexpected relationships, the auditor considers those results in identifying risks material misstatement due to fraud.
46. When performing analytical procedures to assist in understanding the entity and its environment, the auditor performs analytical procedures relating to revenue recognition with the objective of identifying unusual or unexpected relationships involving revenue accounts that may identify a risk of material misstatement due to fraud.
47. In addition to information obtained from applying analytical procedures, the auditor considers other information obtained about the entity and its environment that may be helpful in identifying the risk of material misstatement due to fraud. The discussion among team members described in paragraphs 24 to 27 may provide information that is helpful in identifying such risk. In addition, information obtained from the auditor's client acceptance and continuation processes, and experience gained on other engagements performed for the entity, for example engagements to review interim financial information, may be relevant in the identification of the risk of material misstatement due to fraud.

Assessment of the Risk of Material Misstatement Due to Fraud

48. **When assessing the risk of material misstatement due to fraud, the auditor should consider fraud risk factors identified and the controls that management has designed and implemented to mitigate fraud risks.**
49. The assessment of a risk of material misstatement due to fraud involves the application of professional judgment and includes the consideration of the attributes of the risk, including:
 - The *type* of risk that may exist, that is, whether it involves fraudulent financial reporting or misappropriation of assets;
 - The *significance* of the risk, that is, whether it is of a magnitude that could lead to result in a possible material misstatement of the financial statements;
 - The *likelihood* of the risk, that is, the likelihood that it will result in a material misstatement in the financial statements; and

- The *pervasiveness* of the risk, that is, whether the potential risk is pervasive to the financial statements as a whole or specifically related to a particular assertion, account, or class of transactions.
50. It is important for the auditor to obtain an understanding of the controls that management has designed and implemented to prevent and detect fraud because in designing and implementing such controls, management makes informed judgments on the nature and extent of the controls it chooses to implement, and the nature and extent of the risks it chooses to assume. The auditor may learn for example, that management has consciously chosen to accept the risk associated with a lack of segregation of duties; this may be often be the case in small entities where the owner provides day-to-day supervision of operations. Information from obtaining this understanding may also be useful in identifying fraud risk factors that may affect the auditor's assessment of the risk that the financial statements may contain material misstatements due to fraud.
51. When obtaining an understanding of the design and implementation of the internal control within the entity, the auditor inquires whether management has reported to those charged with governance how the entity's internal control serves to prevent or detect material misstatements due to fraud. The auditor also makes inquiries to obtain an understanding of whether and how management communicates to employees its views on business practices and ethical behavior.
52. The assessment of the risk of material misstatement due to fraud may affect the auditor's professional skepticism in the following ways:
- (a) Increased sensitivity in the selection of the nature and extent of documentation to be examined in support of material transactions; or
 - (b) Increased recognition of the need to corroborate management explanations or representations concerning material matters.

Responses to the Risk of Material Misstatement Due to Fraud

53. **The auditor should determine overall responses to address the risk of material misstatement due to fraud at the financial statement level and should design and perform audit procedures whose nature, timing and extent are responsive to the assessed risk of material misstatement at the assertion level.**
54. The auditor responds to the risk of material misstatement due to fraud in the following ways:
- (a) A response that has an overall effect on how the audit is conducted – that is, a response involving more general considerations apart from the specific procedures otherwise planned;
 - (b) A response to identified risks at the assertion level involving the nature, timing and extent of audit procedures to be performed; and
 - (c) A response to identified risks involving the performance of certain audit procedures to address the risk of material misstatement due to fraud involving management override of controls, given the unpredictable ways in which such override could occur.

OVERALL RESPONSES

55. In determining overall responses to address the risks of material misstatement at the financial statement level the auditor considers:

- the assignment and supervision of personnel;
- the accounting principles used by the entity; and
- the predictability of audit procedures.

56. The knowledge, skill and ability of the individuals assigned significant engagement responsibilities is commensurate with the auditor's assessment of the risks of material misstatement due to fraud for the engagement. For example, the auditor may respond to an identified risk of material misstatement due to fraud by assigning additional individuals with specialized skill and knowledge, such as forensic and IT experts, or by assigning more experienced individuals to the engagement. In addition, the extent of supervision reflects the auditor's assessment of risk of material misstatement due to fraud and the competencies of the engagement team members performing the work.

57. The auditor considers management's selection and application of significant accounting principles, particularly those related to subjective measurements and complex transactions. The auditor considers whether the selection and application of accounting principles may be indicative of fraudulent financial reporting resulting from management's effort to manage earnings in order to deceive stakeholders by influencing their perceptions as to the entity's performance and profitability.

58. Individuals within the entity who are familiar with the audit procedures normally performed on engagements may be more able to conceal fraudulent financial reporting. Therefore, the auditor ordinarily incorporates an element of unpredictability in the selection of auditing procedures to be performed. This can be achieved by, for example, performing substantive procedures on selected account balances and assertions not otherwise tested due to their materiality or risk, adjusting the timing of audit procedures from that otherwise expected, using different sampling methods, and performing audit procedures at different locations or at locations on an unannounced basis.

AUDIT PROCEDURES RESPONSIVE TO RISKS OF MATERIAL MISSTATEMENT DUE TO FRAUD AT THE ASSERTION LEVEL

59. The auditor's responses to address the assessed risks of material misstatement due to fraud at the assertion level may include changing the nature, timing, and extent of auditing procedures in the following ways:

- The nature of audit procedures to be performed may need to be changed to obtain audit evidence that is more reliable or to obtain additional corroborative information. For example, more evidence may be needed from independent sources outside the entity, such as public-record information, about the existence and nature of key customers, vendors, or counterparties in a major transaction. Also, physical observation or inspection of certain assets may become more important. Furthermore, the auditor may choose to use computer-assisted audit techniques to gather more evidence about data contained in significant accounts or electronic transaction files.
- The timing of substantive procedures may need to be modified. The auditor may conclude that performing substantive testing at or near the period end best addresses an assessed

risk of material misstatement due to fraud. The auditor may conclude that, given the risks of intentional misstatement or manipulation, audit procedures to extend audit conclusions from an interim date to the period end would not be effective. In contrast, because an intentional misstatement—for example, a misstatement involving improper revenue recognition—may have been initiated in an interim period, the auditor may elect to apply substantive procedures to transactions occurring earlier in or throughout the reporting period.

- The extent of the procedures applied reflects the assessment of the risks of material misstatement due to fraud. For example, increasing sample sizes or performing analytical procedures at a more detailed level may be appropriate. Also, computer-assisted audit techniques may enable more extensive testing of electronic transactions and account files. Such techniques can be used to select sample transactions from key electronic files, to sort transactions with specific characteristics, or to test an entire population instead of a sample.

60. **The auditor should design and perform audit procedures to address a risk of material misstatement due to fraud caused by improper revenue recognition.** Material misstatements due to fraudulent financial reporting often result from an overstatement of revenues (for example, through premature revenue recognition or recording fictitious revenues) or an understatement of revenues (for example, through improperly shifting revenues to a later period)⁵. Therefore, the auditor ordinarily presumes that there is a risk of material misstatement due to fraud related to revenue recognition and designs and performs audit procedures to address this risk. This presumption may not be applicable in certain circumstances, for example when the entity has no revenue or when the revenue stream is fixed, such as with rentals under a fixed payment lease.

61. Revenue recognition is dependent on the particular facts and circumstances, as well as accounting principles and practices that can vary by industry. Therefore, the auditor develops audit procedures based on the auditor's understanding of the entity and its environment, including the composition of revenues, specific attributes of the revenue transactions including where applicable the significance of rebates issued or received, and unique industry practices.

62. If the auditor identifies a risk of material misstatement due to fraud that affects inventory quantities, examining the entity's inventory records may help to identify locations or items that require specific attention during or after the physical inventory count. Such a review may lead to a decision to observe inventory counts at certain locations on an unannounced basis or to conduct inventory counts at all locations on the same date.

63. The auditor may identify a risk of material misstatement due to fraud affecting a number of accounts and assertions, including asset valuation, estimates relating to specific transactions (such as acquisitions, restructurings, or disposals of a segment of the business), and other significant accrued liabilities (such as pension and other post-employment benefit obligations, or environmental remediation liabilities). The risk may also relate to significant changes in assumptions relating to recurring estimates. Information gathered through obtaining an understanding of the entity and its environment may assist the auditor in evaluating the reasonableness of such management estimates and underlying judgments and assumptions. A

⁵ Research indicates that fraudulent financial reporting schemes often involve improper revenue recognition.

retrospective review of similar management judgments and assumptions applied in prior periods may also provide insight about the reasonableness of judgments and assumptions supporting management estimates.

64. Examples of possible audit procedures to address the assessed risk of material misstatement due to fraud are presented in Appendix 2 to this ISA. The appendix includes examples of responses to the auditor's assessment of the risk of material misstatement resulting from both fraudulent financial reporting and misappropriation of assets.

AUDIT PROCEDURES RESPONSIVE TO THE RISK OF MANAGEMENT OVERRIDE OF CONTROLS

65. As noted in paragraph 19, management is in a unique position to perpetrate fraud because of management's ability to directly or indirectly manipulate accounting records and prepare fraudulent financial statements by overriding controls that otherwise appear to be operating effectively. While the level of risk of management override of controls will vary from entity to entity, the risk is nevertheless present in all entities. Accordingly, in addition to overall responses to address the risk of material misstatement due to fraud and responses to address the assessed risk of material misstatement due to fraud at the assertion level, the auditor performs audit procedures to respond to the risk of management override of controls.

66. **To respond to the risk of management override of controls, the auditor should design and perform audit procedures to:**

- (a) **Test the appropriateness of journal entries recorded in the general ledger and other adjustments made in the preparation of financial statements;**
- (b) **Review accounting estimates for biases that could result in material misstatement due to fraud; and**
- (c) **Obtain an understanding of the business rationale of significant transactions that the auditor becomes aware of that are outside of the normal course of business for the entity, or that otherwise appear to be unusual given the auditor's understanding of the entity and its environment.**

Journal Entries and Other Adjustments

67. Material misstatements of financial statements due to fraud often involve the manipulation of the financial reporting process by recording inappropriate or unauthorized journal entries throughout the year or at period end, or making adjustments to amounts reported in the financial statements that are not reflected in formal journal entries, such as through consolidating adjustments and reclassifications. In designing and performing audit procedures to test the appropriateness of journal entries recorded in the general ledger and other adjustments made in the preparation of the financial statement the auditor:

- (a) Obtains an understanding of the entity's financial reporting process and the controls over journal entries and other adjustments;
- (b) Evaluates the design of the controls over journal entries and other adjustments and determines whether they have been implemented;
- (c) Identifies and selects journal entries and other adjustments for testing;
- (d) Determines the timing of the testing; and

- (e) Makes inquiries of individuals involved in the financial reporting process about inappropriate or unusual activity relating to the processing of journal entries and other adjustments.
68. The auditor uses professional judgment in determining the nature, timing and extent of testing of journal entries and other adjustments. Because fraudulent journal entries are often made at the end of a reporting period, the auditor ordinarily focuses on the journal entries and other adjustments made at that time. However, because material misstatements in financial statements due to fraud can occur throughout the period and may involve extensive efforts to conceal how it is accomplished, the auditor considers whether there is also a need to test journal entries throughout the period.
69. For the purposes of identifying and selecting journal entries and other adjustments for testing, and determining the appropriate method of examining the underlying support for the items selected, the auditor considers:
- *The assessment of the risk of material misstatement due to fraud* – the presence of fraud risk factors may assist the auditor to identify specific classes of journal entries and other adjustments for testing.
 - *Controls that have been implemented over journal entries and other adjustments* – effective controls over the preparation and posting of journal entries and other adjustments may affect the extent of substantive testing necessary, provided that the auditor has tested the operating effectiveness of the controls.
 - *The entity's financial reporting process and the nature of evidence that can be obtained* – for many entities routine processing of transactions involves a combination of manual and automated steps and procedures. Similarly, the processing of journal entries and other adjustments may involve both manual and automated procedures and controls. When information technology is used in the financial reporting process, journal entries and other adjustments may exist only in electronic form.
 - *The characteristics of fraudulent journal entries or other adjustments* – inappropriate journal entries or other adjustments often have unique identifying characteristics. Such characteristics may include entries (a) made to unrelated, unusual, or seldom-used accounts, (b) made by individuals who typically do not make journal entries, (c) recorded at the end of the period or as post-closing entries that have little or no explanation or description, (d) made either before or during the preparation of the financial statements that do not have account numbers, or (e) containing round numbers or a consistent ending numbers.
 - *The nature and complexity of the accounts* – inappropriate journal entries or adjustments may be applied to accounts that (a) contain transactions that are complex or unusual in nature, (b) contain significant estimates and period-end adjustments, (c) have been prone to errors in the past, (d) have not been reconciled on a timely basis or contain unreconciled differences, (e) contain inter-company transactions, or (f) are otherwise associated with an identified risk of material misstatement due to fraud. In audits of entities that have several locations or components consideration is given to the need to select journal entries from multiple locations.
 - *Journal entries or other adjustments processed outside the normal course of business* – non standard journal entries may not be subject to the same level of internal control as

those journal entries used on a recurring basis to record transactions such as monthly sales, purchases and cash disbursements.

Accounting Estimates

70. In preparing financial statements, management is responsible for making a number of judgments or assumptions that affect significant accounting estimates and for monitoring the reasonableness of such estimates on an ongoing basis. Fraudulent financial reporting is often accomplished through intentional misstatement of accounting estimates. In reviewing accounting estimates for biases that could result in material misstatement due to fraud the auditor:
- (a) Considers whether differences between estimates best supported by audit evidence and the estimates included in the financial statements, even if they are individually, reasonable, indicate a possible bias on the part of the entity's management, in which case the auditor reconsiders the estimates taken as a whole; and
 - (b) Performs a retrospective review of significant accounting estimates reflected in the financial statements of the prior year to determine whether management judgments and assumptions relating to the estimates indicate a possible bias on the part of management.
71. If the auditor identifies a possible bias on the part of management in making accounting estimates, the auditor evaluates whether the circumstances producing such a bias represent a risk of material misstatement due to fraud. The auditor considers whether, in making accounting estimates, management's actions appear to understate or overstate all provisions or reserves in the same fashion so as to be designed either to smooth earnings over two or more accounting periods, or to achieve a designated earnings level in order to deceive stakeholders by influencing their perceptions as to the entity's performance and profitability.

Business Rationale for Transactions

72. The auditor obtains an understanding of the business rationale for significant transactions that are outside the normal course of business for the entity, or that otherwise appear to be unusual given the auditor's understanding of the entity and its environment. In gaining such an understanding the auditor considers:
- Whether the form of such transactions appears overly complex (for example, the transaction involves multiple entities within a consolidated group or multiple unrelated third parties).
 - Whether management has discussed the nature of and accounting for such transactions with those charged with governance of the entity.
 - Whether management is placing more emphasis on the need for a particular accounting treatment than on the underlying economics of the transaction.
 - Whether transactions that involve non-consolidated related parties, including special purpose entities, have been properly reviewed and approved by those charged with governance of the entity.
 - Whether the transactions involve previously unidentified related parties or parties that do not have the substance or the financial strength to support the transaction without assistance from the entity under audit.

Consideration of Identified Misstatements

- 73. When the auditor identifies a misstatement, the auditor should consider whether such a misstatement may be indicative of fraud and if there is such an indication, the auditor should consider the implications of the misstatement in relation to other aspects of the audit, particularly the reliability of management representations.**
74. As required by ISA XX, “The Auditor’s Procedures in Response to Assessed Risks” the auditor, based on the audit procedures performed and the audit evidence obtained, evaluates whether the assessments of the risks of material misstatement at the assertion level remain appropriate. This evaluation is primarily a qualitative matter based on the auditor’s judgment. Such an evaluation may provide further insight about the risk of material misstatement due to fraud and whether there is a need to perform additional or different audit procedures. As part of this evaluation, the auditor considers whether there has been appropriate communication with other engagement team members throughout the audit regarding information or conditions indicative of risks of material misstatement due to fraud.
75. An audit of financial statements is a cumulative and iterative process. As the auditor performs planned audit procedures information may come to the auditor’s attention that differs significantly from the information on which the assessment of material misstatement due to fraud was based. For example, the auditor may become aware of discrepancies in accounting records or conflicting or missing evidence. Also relationships between the auditor and management may become problematic or usual. Appendix 3 to this ISA contains examples of circumstances that indicate the possibility of fraud.
76. The auditor cannot assume that an instance of fraud is an isolated occurrence. The auditor also considers whether misstatements identified may be indicative of a higher risk of material misstatement due to fraud at a specific location. For example, numerous misstatements at a specific location, even though the cumulative effect is not material, may be indicative of fraud risk.
77. If the auditor believes that a misstatement is or may be the result of fraud, but the effect of the misstatement is not material to the financial statements, the auditor evaluates the implications, especially those dealing with the organizational position of the individual(s) involved. For example, fraud involving a misappropriation of cash from a small petty cash fund normally would be of little significance to the auditor in assessing the risk of material misstatement due to fraud because both the manner of operating the fund and its size would tend to establish a limit on the amount of potential loss, and the custodianship of such funds normally is entrusted to a non-management employee. Conversely, if the matter involves higher-level management, even though the amount itself is not material to the financial statements, it may be indicative of a more pervasive problem, for example, implications about the integrity of management. In such circumstances, the auditor reevaluates the assessment of the risk of material misstatement due to fraud and its resulting impact on the nature, timing, and extent of audit procedures to respond to the assessed risk.

Management Representations

- 78. The auditor should obtain written representations from management that:**
- (a) It acknowledges its responsibility for the design and implementation of internal control to prevent and detect fraud;**

- (b) **It has disclosed to the auditor the results of its assessment of the risk that the financial statements may be materially misstated as a result of fraud;**
- (c) **It has disclosed to the auditor its knowledge of fraud or suspected fraud affecting the entity involving:**
 - (i) **management;**
 - (ii) **employees who have significant roles in internal control, or**
 - (iii) **others where the fraud could have a material effect on the financial statements; and**
- (d) **It has disclosed to the auditor its knowledge of any allegations of fraud or suspected fraud affecting the entity communicated by employees, former employees, analysts, regulators or others.**

79. ISA 580, “Management Representations,” provides guidance on obtaining appropriate representations from management in the audit. In addition to acknowledging its responsibility for the financial statements, it is important that, irrespective of the size of the entity, management acknowledges its responsibility for internal control designed and implemented to prevent and detect fraud.

80. Because of the nature of fraud and the difficulties encountered by auditors in detecting material misstatements in the financial statements resulting from fraud, it is important that the auditor obtains a written representation from management confirming that it has disclosed to the auditor the results of management’s assessment of the risk that the financial statements may be materially misstated as a result of fraud and its knowledge of actual, suspected or alleged fraud affecting the entity.

Communications With Management or Those Charged With Governance

81. **If the auditor has identified a fraud or has obtained information that indicates that a fraud may exist, the auditor should communicate these matters to the appropriate level of management.**
82. When the auditor has obtained evidence that fraud exists or may exist, it is important that the matter be brought to the attention of the appropriate level of management. This is so even if the matter might be considered inconsequential (for example, a minor defalcation by an employee at a low level in the entity’s organization). The determination of which level of management is the appropriate one is a matter of professional judgment and is affected by such factors as the likelihood of collusion and the nature and magnitude of the suspected fraud. Ordinarily, the appropriate level of management is at least one level above the persons who appear to be involved with the suspected fraud.
83. **If the auditor has identified fraud involving senior management or has identified fraud (whether caused by senior management or other employees) that results in a material misstatement in the financial statements the auditor should communicate these matters to those charged with governance.**
84. The auditor discusses with those charged with governance in order to reach an understanding about the nature and extent of the auditor’s communications about fraud involving misappropriation of assets by lower level employees.

85. **The auditor should make those charged with governance or management aware, as soon as practicable, and at the appropriate level of responsibility, of material weaknesses in the design and implementation of internal control to prevent and detect fraud which may have come to the auditor’s attention.**
86. If the auditor identifies a risk of material misstatement of the financial statements due to fraud, which management has either not controlled, or for which the relevant control is inadequate, or if in the auditor’s judgment there is a material weakness in management’s risk assessment process, the auditor includes such internal control deficiencies in the communication of audit matters of governance interest. See ISA 260, “Communications of Audit Matters with Those Charged with Governance.”
87. If the integrity or honesty of management or those charged with governance is doubted, the auditor considers seeking legal advice to assist in the determination of the appropriate course of action.

Communications to Regulatory and Enforcement Authorities

88. The auditor’s professional duty to maintain the confidentiality of client information ordinarily precludes reporting fraud to a party outside the client entity. However, the auditor’s legal responsibilities vary by country and in certain circumstances, the duty of confidentiality may be overridden by statute, the law or courts of law. For example, in some countries, the auditor of a financial institution has a statutory duty to report the occurrence of fraud to supervisory authorities. The auditor considers seeking legal advice in such circumstances.

Auditor Unable to Continue the Engagement

89. **If, as a result of a misstatement resulting from fraud or suspected fraud, the auditor encounters exceptional circumstances that bring into question the auditor’s ability to continue performing the audit the auditor should:**
- (a) **Consider the professional and legal responsibilities applicable in the circumstances, including whether there is a requirement for the auditor to report to the person or persons who made the audit appointment or, in some cases, to regulatory authorities;**
 - (b) **Consider the possibility of withdrawing from the engagement; and**
 - (c) **If the auditor withdraws:**
 - (i) **discuss with the appropriate level of management and those charged with governance the auditor’s withdrawal from the engagement and the reasons for the withdrawal; and**
 - (ii) **consider whether there is a professional or legal requirement to report to the person or persons who made the audit appointment or, in some cases, to regulatory authorities, the auditor’s withdrawal from the engagement and the reasons for the withdrawal.**

90. Such exceptional circumstances can arise, for example, when:

- (a) The entity does not take the appropriate action regarding fraud that the auditor considers necessary in the circumstances, even when the fraud is not material to the financial statements;
 - (b) The auditor's consideration of the risk of material misstatement resulting from fraud and the results of audit tests indicate a significant risk of material and pervasive fraud; or
 - (c) The auditor has significant concern about the competence or integrity of management or those charged with governance.
91. Because of the variety of the circumstances that may arise, it is not possible to describe definitively when withdrawal from an engagement is appropriate. Factors that affect the auditor's conclusion include the implications of the involvement of a member of management or of those charged with governance (which may affect the reliability of management representations) and the effects on the auditor of a continuing association with the entity.
92. The auditor has professional and legal responsibilities in such circumstances and these responsibilities may vary by country. In some countries, for example, the auditor may be entitled to, or required to, make a statement or report to the person or persons who made the audit appointment or, in some cases, to regulatory authorities. Given the exceptional nature of the circumstances and the need to consider the legal requirements, the auditor considers seeking legal advice when deciding whether to withdraw from an engagement and in determining an appropriate course of action, including the possibility of reporting to shareholders, regulators or others.

Documentation

93. The auditor should document:

- (a) The discussion among the engagement team regarding the susceptibility of the entity's financial statements due to fraud and the outcome of such discussions;**
 - (b) The fraud risk factors identified in assessing the risk of material misstatement due to fraud;**
 - (c) The overall response to the assessed risk of material misstatement due to fraud at the financial statement level and the nature, timing and extent of audit procedures and the linkage of those procedures with the assessed risks of material misstatement due to fraud at the assertion level;**
 - (d) The results of the audit procedures including those designed to address the risk of management override of controls and the risk of a material misstatement due to fraud caused by improper revenue recognition; and**
 - (e) The communications about fraud made to management, those charged with governance and others.**
94. The extent to which these matters are documented is for the auditor to determine using professional judgment.

Effective Date

95. This ISA is effective for audits of financial statements for periods beginning on or after January 1, 2005.

Appendix 1

Examples of Fraud Risk Factors

The fraud risk factors identified in this Appendix are examples of such factors typically faced by auditors in a broad range of situations. Separately presented are examples relating to the two types of fraud relevant to the auditor's consideration—that is, fraudulent financial reporting and misappropriation of assets. For each of these types of fraud, the risk factors are further classified based on the three conditions generally present when material misstatements due to fraud occur: (a) incentives/pressures, (b) opportunities, and (c) attitudes/rationalizations. Although the risk factors cover a broad range of situations, they are only examples and, accordingly, the auditor may identify additional or different risk factors. Not all of these examples are relevant in all circumstances, and some may be of greater or lesser significance in entities of different size or with different ownership characteristics or circumstances. Also, the order of the examples of risk factors provided is not intended to reflect their relative importance or frequency of occurrence.

Risk factors relating to misstatements arising from fraudulent financial reporting

The following are examples of risk factors relating to misstatements arising from fraudulent financial reporting.

INCENTIVES/PRESSURES

1. Financial stability or profitability is threatened by economic, industry, or entity operating conditions, such as (or as indicated by):
 - High degree of competition or market saturation, accompanied by declining margins.
 - High vulnerability to rapid changes, such as changes in technology, product obsolescence, or interest rates.
 - Significant declines in customer demand and increasing business failures in either the industry or overall economy.
 - Operating losses making the threat of bankruptcy, foreclosure, or hostile takeover imminent.
 - Recurring negative cash flows from operations or an inability to generate cash flows from operations while reporting earnings and earnings growth.
 - Rapid growth or unusual profitability especially compared to that of other companies in the same industry.
 - New accounting, statutory, or regulatory requirements.
2. Excessive pressure exists for management to meet the requirements or expectations of third parties due to the following:
 - Profitability or trend level expectations of investment analysts, institutional investors, significant creditors, or other external parties (particularly expectations that are unduly aggressive or unrealistic), including expectations created by management in, for example, overly optimistic press releases or annual report messages.
 - Need to obtain additional debt or equity financing to stay competitive—including financing of major research and development or capital expenditures.
 - Marginal ability to meet exchange listing requirements or debt repayment or other debt covenant requirements.

- Perceived or real adverse effects of reporting poor financial results on significant pending transactions, such as business combinations or contract awards.
3. Information available indicates that the personal financial situation of management or those charged with governance is threatened by the entity's financial performance arising from the following:
 - Significant financial interests in the entity.
 - Significant portions of their compensation (for example, bonuses, stock options, and earn-out arrangements) being contingent upon achieving aggressive targets for stock price, operating results, financial position, or cash flow⁶.
 - Personal guarantees of debts of the entity.
 4. There is excessive pressure on management or operating personnel to meet financial targets established by those charged with governance, including sales or profitability incentive goals.

OPPORTUNITIES

1. The nature of the industry or the entity's operations provides opportunities to engage in fraudulent financial reporting that can arise from the following:
 - Significant related-party transactions not in the ordinary course of business or with related entities not audited or audited by another firm.
 - A strong financial presence or ability to dominate a certain industry sector that allows the entity to dictate terms or conditions to suppliers or customers that may result in inappropriate or non-arm's-length transactions.
 - Assets, liabilities, revenues, or expenses based on significant estimates that involve subjective judgments or uncertainties that are difficult to corroborate.
 - Significant, unusual, or highly complex transactions, especially those close to period end that pose difficult "substance over form" questions.
 - Significant operations located or conducted across international borders in jurisdictions where differing business environments and cultures exist.
 - Significant bank accounts or subsidiary or branch operations in tax-haven jurisdictions for which there appears to be no clear business justification.
2. There is ineffective monitoring of management as a result of the following:
 - Domination of management by a single person or small group (in a nonowner-managed business) without compensating controls.
 - Ineffective oversight by those charged with governance over the financial reporting process and internal control.
3. There is a complex or unstable organizational structure, as evidenced by the following:
 - Difficulty in determining the organization or individuals that have controlling interest in the entity.

⁶ Management incentive plans may be contingent upon achieving targets relating only to certain accounts or selected activities of the entity, even though the related accounts or activities may not be material to the entity as a whole.

- Overly complex organizational structure involving unusual legal entities or managerial lines of authority.
 - High turnover of senior management, counsel, or those charged with governance.
4. Internal control components are deficient as a result of the following:
- Inadequate monitoring of controls, including automated controls and controls over interim financial reporting (where external reporting is required).
 - High turnover rates or employment of ineffective accounting, internal audit, or information technology staff.
 - Ineffective accounting and information systems, including situations involving material weaknesses in internal control.

ATTITUDES/RATIONALIZATIONS

- Ineffective communication, implementation, support, or enforcement of the entity's values or ethical standards by management or the communication of inappropriate values or ethical standards.
- Nonfinancial management's excessive participation in or preoccupation with the selection of accounting principles or the determination of significant estimates.
- Known history of violations of securities laws or other laws and regulations, or claims against the entity, its senior management, or those charged with governance alleging fraud or violations of laws and regulations.
- Excessive interest by management in maintaining or increasing the entity's stock price or earnings trend.
- A practice by management of committing to analysts, creditors, and other third parties to achieve aggressive or unrealistic forecasts.
- Management failing to correct known material weaknesses in internal control on a timely basis.
- An interest by management in employing inappropriate means to minimize reported earnings for tax-motivated reasons.
- The owner-manager makes no distinction between personal and business transactions.
- Recurring attempts by management to justify marginal or inappropriate accounting on the basis of materiality.
- The relationship between management and the current or predecessor auditor is strained, as exhibited by the following:
 - Frequent disputes with the current or predecessor auditor on accounting, auditing, or reporting matters.
 - Unreasonable demands on the auditor, such as unreasonable time constraints regarding the completion of the audit or the issuance of the auditor's report.
 - Formal or informal restrictions on the auditor that inappropriately limit access to people or information or the ability to communicate effectively with those charged with governance.

- Domineering management behavior in dealing with the auditor, especially involving attempts to influence the scope of the auditor's work or the selection or continuance of personnel assigned to or consulted on the audit engagement.

Risk factors arising from misstatements arising from misappropriation of assets

Risk factors that relate to misstatements arising from misappropriation of assets are also classified according to the three conditions generally present when fraud exists: incentives/pressures, opportunities, and attitudes/rationalization. Some of the risk factors related to misstatements arising from fraudulent financial reporting also may be present when misstatements arising from misappropriation of assets occur. For example, ineffective monitoring of management and weaknesses in internal control may be present when misstatements due to either fraudulent financial reporting or misappropriation of assets exist. The following are examples of risk factors related to misstatements arising from misappropriation of assets.

INCENTIVES/PRESSURES

1. Personal financial obligations may create pressure on management or employees with access to cash or other assets susceptible to theft to misappropriate those assets.
2. Adverse relationships between the entity and employees with access to cash or other assets susceptible to theft may motivate those employees to misappropriate those assets. For example, adverse relationships may be created by the following:
 - Known or anticipated future employee layoffs.
 - Recent or anticipated changes to employee compensation or benefit plans.
 - Promotions, compensation, or other rewards inconsistent with expectations.

OPPORTUNITIES

1. Certain characteristics or circumstances may increase the susceptibility of assets to misappropriation. For example, opportunities to misappropriate assets increase when there are the following:
 - Large amounts of cash on hand or processed.
 - Inventory items that are small in size, of high value, or in high demand.
 - Easily convertible assets, such as bearer bonds, diamonds, or computer chips.
 - Fixed assets which are small in size, marketable, or lacking observable identification of ownership.
2. Inadequate internal control over assets may increase the susceptibility of misappropriation of those assets. For example, misappropriation of assets may occur because there is the following:
 - Inadequate segregation of duties or independent checks.
 - Inadequate management oversight of employees responsible for assets, for example, inadequate supervision or monitoring of remote locations.
 - Inadequate job applicant screening of employees with access to assets.
 - Inadequate recordkeeping with respect to assets.
 - Inadequate system of authorization and approval of transactions (for example, in purchasing).

- Inadequate physical safeguards over cash, investments, inventory, or fixed assets.
- Lack of complete and timely reconciliations of assets.
- Lack of timely and appropriate documentation of transactions, for example, credits for merchandise returns.
- Lack of mandatory vacations for employees performing key control functions.
- Inadequate management understanding of information technology, which enables information technology employees to perpetrate a misappropriation.
- Inadequate access controls over automated records, including controls over and review of computer systems event logs.

ATTITUDES/RATIONALIZATIONS

- Disregard for the need for monitoring or reducing risks related to misappropriations of assets.
- Disregard for internal control over misappropriation of assets by overriding existing controls or by failing to correct known internal control deficiencies.
- Behavior indicating displeasure or dissatisfaction with the entity or its treatment of the employee.
- Changes in behavior or lifestyle that may indicate assets have been misappropriated.

Appendix 2

Examples of possible audit procedures to address the assessed risk of material misstatement due to fraud

The following are examples of possible audit procedures to address the assessed risk of material misstatement due to fraud resulting from both fraudulent financial reporting and misappropriation of assets. These audit procedures identified may not be the most appropriate nor necessary in each circumstance.

Consideration at the Assertion Level

Specific responses to the auditor's assessment of the risk of material misstatement resulting from fraud will vary depending upon the types or combinations of fraud risk factors or conditions identified, and the account balances, classes of transactions and assertions they may affect.

The following are specific examples of responses:

- Visit locations or perform certain tests on a surprise or unannounced basis. For example, observe inventory at locations where auditor attendance has not been previously announced or count cash at a particular date on a surprise basis.
- Requesting that inventories be counted at the end of the reporting period or on a date closer to period end to minimize the risk of manipulation of balances in the period between the date of completion of the count and the end of the reporting period.
- Alter the audit approach in the current year. For example, contact major customers and suppliers orally in addition to sending written confirmation, send confirmation requests to a specific party within an organization, or seek more and different information.
- Perform a detailed review of the entity's quarter-end or year-end adjusting entries and investigate any that appear unusual as to nature or amount.
- For significant and unusual transactions, particularly those occurring at or near year-end, investigate the possibility of related parties and the sources of financial resources supporting the transactions.
- Perform substantive analytical procedures using disaggregated data. For example, compare sales and cost of sales by location, line of business or month to expectations developed by the auditor.
- Conduct interviews of personnel involved in areas where a risk of material misstatement due to fraud has been identified, to obtain their insights about the risk and whether, or how, controls address the risk.
- When other independent auditors are auditing the financial statements of one or more subsidiaries, divisions or branches, consider discussing with them the extent of work necessary to be performed to address the risk of material misstatement due to fraud resulting from transactions and activities among these components.
- If the work of an expert becomes particularly significant with respect a financial statement item for which the risk of misstatement due to fraud is high, perform additional procedures relating to some or all of the expert's assumptions, methods or findings to determine that the findings are not unreasonable, or engage another expert for that purpose.

- Perform audit procedures to analyze selected opening balance sheet accounts of previously audited financial statements to assess how certain issues involving accounting estimates and judgments, for example, an allowance for sales returns, were resolved with the benefit of hindsight.
- Perform procedures on account or other reconciliations prepared by the entity, including consideration of reconciliations performed at interim periods.
- Perform computer-assisted techniques, such as data mining to test for anomalies in a population.
- Test the integrity of computer-produced records and transactions.
- Seeking additional audit evidence from sources outside of the entity being audited.

Specific responses – Misstatement Resulting from Fraudulent Financial Reporting

Examples of responses to the auditor's assessment of the risk of material misstatements resulting from fraudulent financial reporting are as follows:

Revenue recognition

- Performing substantive analytical procedures relating to revenue using disaggregated data, for example, comparing revenue reported by month and by product line or business segment during the current reporting period with comparable prior periods. Computer-assisted audit techniques may be useful in identifying unusual or unexpected revenue relationships or transactions.
- Confirming with customers certain relevant contract terms and the absence of side agreements, because the appropriate accounting often is influenced by such terms or agreements and basis for rebates or the period to which they relate are often poorly documented. For example, acceptance criteria, delivery and payment terms, the absence of future or continuing vendor obligations, the right to return the product, guaranteed resale amounts, and cancellation or refund provisions often are relevant in such circumstances.
- Inquiring of the entity's sales and marketing personnel or in-house legal counsel regarding sales or shipments near the end of the period and their knowledge of any unusual terms or conditions associated with these transactions.
- Being physically present at one or more locations at period end to observe goods being shipped or being readied for shipment (or returns awaiting processing) and performing other appropriate sales and inventory cutoff procedures.
- For those situations for which revenue transactions are electronically initiated, processed, and recorded, testing controls to determine whether they provide assurance that recorded revenue transactions occurred and are properly recorded.

Inventory quantities

- Examining the entity's inventory records to identify locations or items that require specific attention during or after the physical inventory count.
- Observing inventory counts at certain locations on an unannounced basis or conducting inventory counts at all locations on the same date.

- Conducting inventory counts at or near the end of the reporting period to minimize the risk of inappropriate manipulation during the period between the count and the end of the reporting period.
- Performing additional procedures during the observation of the count, for example, more rigorously examining the contents of boxed items, the manner in which the goods are stacked (for example, hollow squares) or labeled, and the quality (that is, purity, grade, or concentration) of liquid substances such as perfumes or specialty chemicals. Using the work of an expert may be helpful in this regard.
- Comparing the quantities for the current period with prior periods by class or category of inventory, location or other criteria, or comparison of quantities counted with perpetual records.
- Using computer-assisted audit techniques to further test the compilation of the physical inventory counts—for example, sorting by tag number to test tag controls or by item serial number to test the possibility of item omission or duplication.

Management estimates

- Using an expert to develop an independent estimate for comparison to management's estimate.
- Extending inquiries to individuals outside of management and the accounting department to corroborate management's ability and intent to carry out plans that are relevant to developing the estimate.

Specific Responses – Misstatements Resulting from Misappropriation of Assets

Differing circumstances would necessarily dictate different responses. Ordinarily, the audit response to a risk of material misstatement resulting from fraud relating to misappropriation of assets will be directed toward certain account balances and classes of transactions. Although some of the audit responses noted in the two categories above may apply in such circumstances, the scope of the work is to be linked to the specific information about the misappropriation risk that has been identified.

Appendix 3

Examples of circumstances that indicate the possibility of fraud

The following are examples of circumstances that may indicate the possibility that the financial statements may contain a material misstatement resulting from fraud.

Discrepancies in the accounting records, including:

- Transactions that are not recorded in a complete or timely manner or are improperly recorded as to amount, accounting period, classification, or entity policy
- Unsupported or unauthorized balances or transactions
- Last-minute adjustments that significantly affect financial results
- Evidence of employees' access to systems and records inconsistent with that necessary to perform their authorized duties
- Tips or complaints to the auditor about alleged fraud

Conflicting or missing evidence, including:

- Missing documents
- Documents that appear to have been altered
- Unavailability of other than photocopied or electronically transmitted documents when documents in original form are expected to exist
- Significant unexplained items on reconciliations
- Inconsistent, vague, or implausible responses from management or employees arising from inquiries or analytical procedures
- Unusual discrepancies between the entity's records and confirmation replies
- Missing inventory or physical assets of significant magnitude
- Unavailable or missing electronic evidence, inconsistent with the entity's record retention practices or policies
- Inability to produce evidence of key systems development and program change testing and implementation activities for current-year system changes and deployments

Problematic or unusual relationships between the auditor and management, including:

- Denial of access to records, facilities, certain employees, customers, vendors, or others from whom audit evidence might be sought
- Undue time pressures imposed by management to resolve complex or contentious issues
- Complaints by management about the conduct of the audit or management intimidation of engagement team members, particularly in connection with the auditor's critical assessment of audit evidence or in the resolution of potential disagreements with management
- Unusual delays by the entity in providing requested information
- Unwillingness to facilitate auditor access to key electronic files for testing through the use of computer-assisted audit techniques
- Denial of access to key IT operations staff and facilities, including security, operations, and systems development personnel
- An unwillingness to add or revise disclosures in the financial statements to make them more complete and understandable

ISA 260 COMMUNICATION OF AUDIT MATTERS WITH THOSE CHARGED WITH GOVERNANCE

The following paragraphs would be added to ISA 260 *Communication of Audit Matters to those Charged with Governance*

The auditor should inform those charged with governance of those uncorrected misstatements aggregated by the auditor during the audit that were determined by management to be immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

The uncorrected misstatement communicated to those charged with governance need not include the misstatement below a designated amount.

ISA 320 AUDIT MATERIALITY

The following paragraphs would be added to ISA 320 *Audit Materiality*

If the auditor has identified a material misstatement resulting from error, the auditor should communicate the misstatement to the appropriate level of management on a timely basis, and consider the need to report it to those charged with governance in accordance with ISA 260 “Communication of Audit Matters to Those Charged with Governance.”

ISA 580 MANAGEMENT REPRESENTATIONS

The following paragraph would be added to ISA 580 *Management Representations*:

The auditor should obtain written representations from management that it believes the effects of those uncorrected financial statement misstatements aggregated by the auditor during the audit are immaterial, both individually and in the aggregate, to the financial statements taken as a whole. A summary of such items should be included in or attached to the written representations.

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