

SA 330¹

THE AUDITOR'S RESPONSES TO ASSESSED RISKS

*(Effective for audits of financial statements
for periods beginning on or after April 1, 2008)*

Contents

	Paragraph(s)
Introduction	
Scope of this SA	1
Effective Date	2
Objective	3
Definitions	4
Requirements	
Overall Responses	5
Audit Procedures Responsive to the Assessed Risks of Material Misstatement at the Assertion Level	6-24
Adequacy of Presentation and Disclosure	25
Evaluating the Sufficiency and Appropriateness of Audit Evidence	26-28
Documentation	29-31
Application and Other Explanatory Material	
Overall Responses	A1-A3
Audit Procedures Responsive to the Assessed Risks of Material Misstatement at the Assertion Level	A4-A54
Adequacy of Presentation and Disclosure	A55

¹ Issued in December, 2007. The date this Standard (along with SA 315) becomes effective, the existing Standard on Auditing (SA) 400, "Risk Assessments and Internal Control", SA 310, "Knowledge of the Business", and SA 401, "Auditing in a Computer Information Systems Environment", issued in June 2002, April 2000 and January 2003, respectively, would stand withdrawn.

Handbook of Auditing Pronouncements-I

Evaluating the Sufficiency and Appropriateness of Audit Evidence A56-A58
Documentation A59
Material Modifications to ISA 330, The Auditor's Responses to Assessed
Risks

Standard on Auditing (SA) 330, "The Auditor's Responses to Assessed Risks" should be read in the context of the "Preface to the Standards on Quality Control, Auditing, Review, Other Assurance and Related Services"², which sets out the authority of SAs.

² Published in the July, 2007 issue of the Journal.

The Auditor's Responses to Assessed Risks

Scope of this SA

1. This Standard on Auditing (SA) deals with the auditor's responsibility to design and implement responses to the risks of material misstatement identified and assessed by the auditor in accordance with SA 315, "Identifying and Assessing Risks of Material Misstatement Through Understanding the Entity and Its Environment" in a financial statement audit.

Effective Date

2. This SA is effective for audits of financial statements for periods beginning on or after April 1, 2008.

Objective

3. The objective of the auditor is to obtain sufficient appropriate audit evidence about the assessed risks of material misstatement, through designing and implementing appropriate responses to those risks.

Definitions

4. For purposes of the SAs, the following terms have the meanings attributed below:

- (a) Substantive procedure – An audit procedure designed to detect material misstatements at the assertion level. Substantive procedures comprise:
 - (i) Tests of details (of classes of transactions, account balances, and disclosures), and
 - (ii) Substantive analytical procedures.
- (b) Test of controls – An audit procedure designed to evaluate the operating effectiveness of controls in preventing, or detecting and correcting, material misstatements at the assertion level.

Requirements

Overall Responses

5. The auditor shall design and implement overall responses to address the assessed risks of material misstatement at the financial statement level. (Ref: Para. A1-A3)

Handbook of Auditing Pronouncements-I

Audit Procedures Responsive to the Assessed Risks of Material Misstatement at the Assertion Level

6. The auditor shall design and perform further audit procedures whose nature, timing and extent are based on and are responsive to the assessed risks of material misstatement at the assertion level. (Ref: Para. A4-A8)
7. In designing the further audit procedures to be performed, the auditor shall:
 - (a) Consider the reasons for the assessment given to the risk of material misstatement at the assertion level for each class of transactions, account balance, and disclosure, including:
 - (i) The likelihood of material misstatement due to the particular characteristics of the relevant class of transactions, account balance, or disclosure (i.e., the inherent risk); and
 - (ii) Whether the risk assessment takes into account the relevant controls (i.e., the control risk), thereby requiring the auditor to obtain audit evidence to determine whether the controls are operating effectively (i.e., the auditor intends to rely on the operating effectiveness of controls in determining the nature, timing and extent of substantive procedures); and (Ref: Para. A9-A18)
 - (b) Obtain more persuasive audit evidence the higher the auditor's assessment of risk. (Ref: Para. A19)

Tests of Controls

8. The auditor shall design and perform tests of controls to obtain sufficient appropriate audit evidence as to the operating effectiveness of relevant controls when:
 - (a) The auditor's assessment of risks of material misstatement at the assertion level includes an expectation that the controls are operating effectively (i.e., the auditor intends to rely on the operating effectiveness of controls in determining the nature, timing and extent of substantive procedures); or
 - (b) Substantive procedures alone cannot provide sufficient appropriate audit evidence at the assertion level. (Ref: Para. A20-A24)

The Auditor's Responses to Assessed Risks

9. In designing and performing tests of controls, the auditor shall obtain more persuasive audit evidence the greater the reliance the auditor places on the effectiveness of a control. (Ref: Para. A25)

Nature and Extent of Tests of Controls

10. In designing and performing tests of controls, the auditor shall:

- (a) Perform other audit procedures in combination with inquiry to obtain audit evidence about the operating effectiveness of the controls, including:
 - (i) How the controls were applied at relevant times during the period under audit.
 - (ii) The consistency with which they were applied.
 - (iii) By whom or by what means they were applied. (Ref: Para. A26-A29)
- (b) Determine whether the controls to be tested depend upon other controls (indirect controls), and if so, whether it is necessary to obtain audit evidence supporting the effective operation of those indirect controls. (Ref: Para. A30-A31)

Timing of Tests of Controls

11. The auditor shall test controls for the particular time, or throughout the period, for which the auditor intends to rely on those controls, subject to paragraphs 12 and 15 below, in order to provide an appropriate basis for the auditor's intended reliance. (Ref: Para. A32)

Using audit evidence obtained during an interim period

12. When the auditor obtains audit evidence about the operating effectiveness of controls during an interim period, the auditor shall:

- (a) Obtain audit evidence about significant changes to those controls subsequent to the interim period; and
- (b) Determine the additional audit evidence to be obtained for the remaining period. (Ref: Para. A33-A34)

Handbook of Auditing Pronouncements-I

Using audit evidence obtained in previous audits

13. In determining whether it is appropriate to use audit evidence about the operating effectiveness of controls obtained in previous audits, and, if so, the length of the time period that may elapse before retesting a control, the auditor shall consider the following:

- (a) The effectiveness of other elements of internal control, including the control environment, the entity's monitoring of controls, and the entity's risk assessment process;
- (b) The risks arising from the characteristics of the control, including whether it is manual or automated;
- (c) The effectiveness of general IT-controls;
- (d) The effectiveness of the control and its application by the entity, including the nature and extent of deviations in the application of the control noted in previous audits, and whether there have been personnel changes that significantly affect the application of the control;
- (e) Whether the lack of a change in a particular control poses a risk due to changing circumstances; and
- (f) The risks of material misstatement and the extent of reliance on the control. (Ref: Para. A35)

14. If the auditor plans to use audit evidence from a previous audit about the operating effectiveness of specific controls, the auditor shall establish the continuing relevance of that evidence by obtaining audit evidence about whether significant changes in those controls have occurred subsequent to the previous audit. The auditor shall obtain this evidence by performing inquiry combined with observation or inspection, to confirm the understanding of those specific controls, and:

- (a) If there have been changes that affect the continuing relevance of the audit evidence from the previous audit, the auditor shall test the controls in the current audit. (Ref: Para. A36)
- (b) If there have not been such changes, the auditor shall test the controls at least once in every third audit, and shall test some controls each audit to avoid the possibility of testing all the controls on which the auditor intends to rely in a single audit period with no testing of controls in the subsequent two audit periods. (Ref: Para. A37-A39)

The Auditor's Responses to Assessed Risks

Controls over significant risks

15. When the auditor plans to rely on controls over a risk the auditor has determined to be a significant risk, the auditor shall test those controls in the current period.

Evaluating the Operating Effectiveness of Controls

16. When evaluating the operating effectiveness of relevant controls, the auditor shall evaluate whether misstatements that have been detected by substantive procedures indicate that controls are not operating effectively. The absence of misstatements detected by substantive procedures, however, does not provide audit evidence that controls related to the assertion being tested are effective. (Ref: Para. A40)

17. When deviations from controls upon which the auditor intends to rely are detected, the auditor shall make specific inquiries to understand these matters and their potential consequences, and shall determine whether:

- (a) The tests of controls that have been performed provide an appropriate basis for reliance on the controls;
- (b) Additional tests of controls are necessary; or
- (c) The potential risks of misstatement need to be addressed using substantive procedures. (Ref: Para. A41)

18. The auditor shall evaluate whether, on the basis of the audit work performed, the auditor has identified a material weakness in the operating effectiveness of controls.

19. The auditor shall communicate material weaknesses in internal control identified during the audit on a timely basis to management at an appropriate level of responsibility and, as required by SA 260, "Communication with Those Charged with Governance"³, with those charged with governance (unless all of those charged with governance are involved in managing the entity).

Substantive Procedures

20. Irrespective of the assessed risks of material misstatement, the auditor shall design and perform substantive procedures for each material class of

³ Hitherto known as AAS 27, "Communication of Audit Matters with Those Charged with Governance".

Handbook of Auditing Pronouncements-I

transactions, account balance, and disclosure. (Ref: Para. A42-A47)

Substantive Procedures Related to the Financial Statement Closing Process

21. The auditor's substantive procedures shall include the following audit procedures related to the financial statement closing process:

- (a) Agreeing or reconciling the financial statements with the underlying accounting records; and
- (b) Examining material journal entries and other adjustments made during the course of preparing the financial statements. (Ref: Para. A48)

Substantive Procedures Responsive to Significant Risks

22. When the auditor has determined that an assessed risk of material misstatement at the assertion level is a significant risk, the auditor shall perform substantive procedures that are specifically responsive to that risk. When the approach to a significant risk consists only of substantive procedures, those procedures shall include tests of details. (Ref: Para. A49)

Timing of Substantive Procedures (Ref: Para.A50)

23. When substantive procedures are performed at an interim date, the auditor shall cover the remaining period by performing:

- (a) substantive procedures, combined with tests of controls for the intervening period; or
- (b) if the auditor determines that it is sufficient, further substantive procedures only;

that provide a reasonable basis for extending the audit conclusions from the interim date to the period end. (Ref: Para. A51-A53)

24. If misstatements that the auditor did not expect when assessing the risks of material misstatement are detected at an interim date, the auditor shall evaluate whether the related assessment of risk and the planned nature, timing, or extent of substantive procedures covering the remaining period need to be modified. (Ref: Para. A54)

Adequacy of Presentation and Disclosure

25. The auditor shall perform audit procedures to evaluate whether the overall presentation of the financial statements, including the related

The Auditor's Responses to Assessed Risks

disclosures, is in accordance with the applicable financial reporting framework. (Ref: Para. A55)

Evaluating the Sufficiency and Appropriateness of Audit Evidence

26. Based on the audit procedures performed and the audit evidence obtained, the auditor shall evaluate before the conclusion of the audit whether the assessments of the risks of material misstatement at the assertion level remain appropriate. (Ref: Para. A56-A57)

27. The auditor shall conclude whether sufficient appropriate audit evidence has been obtained. In forming an opinion, the auditor shall consider all relevant audit evidence, regardless of whether it appears to corroborate or to contradict the assertions in the financial statements. (Ref: Para. A58)

28. If the auditor has not obtained sufficient appropriate audit evidence as to a material financial statement assertion, the auditor shall attempt to obtain further audit evidence. If the auditor is unable to obtain sufficient appropriate audit evidence, the auditor shall express a qualified opinion or a disclaimer of opinion.

Documentation

29. The auditor shall document:

- (a) The overall responses to address the assessed risks of material misstatement at the financial statement level, and the nature, timing and extent of the further audit procedures performed;
- (b) The linkage of those procedures with the assessed risks at the assertion level; and
- (c) The results of the audit procedures, including the conclusions where these are not otherwise clear. (Ref: Para. A59)

30. If the auditor plans to use audit evidence about the operating effectiveness of controls obtained in previous audits, the auditor shall document the conclusions reached about relying on such controls that were tested in a previous audit.

31. The auditors' documentation shall demonstrate that the financial statements agree or reconcile with the underlying accounting records.

Application and Other Explanatory Material

Overall Responses (Ref: Para. 5)

A1. Overall responses to address the assessed risks of material misstatement at the financial statement level may include:

- Emphasizing to the audit team the need to maintain professional skepticism.
- Assigning more experienced staff or those with special skills or using experts.
- Providing more supervision.
- Incorporating additional elements of unpredictability in the selection of further audit procedures to be performed.
- Making general changes to the nature, timing or extent of audit procedures, for example: performing substantive procedures at the period end instead of at an interim date; or modifying the nature of audit procedures to obtain more persuasive audit evidence.

A2. The assessment of the risks of material misstatement at the financial statement level, and thereby the auditor's overall responses, is affected by the auditor's understanding of the control environment. An effective control environment may allow the auditor to have more confidence in internal control and the reliability of audit evidence generated internally within the entity and thus, for example, allow the auditor to conduct some audit procedures at an interim date rather than at the period end. Weaknesses in the control environment, however, have the opposite effect; for example, the auditor may respond to an ineffective control environment by:

- Conducting more audit procedures as of the period end rather than at an interim date.
- Obtaining more extensive audit evidence from substantive procedures.
- Increasing the number of locations to be included in the audit scope.

A3. Such considerations, therefore, have a significant bearing on the auditor's general approach, for example, an emphasis on substantive procedures (substantive approach), or an approach that uses tests of controls as well as substantive procedures (combined approach).

The Auditor's Responses to Assessed Risks

Audit Procedures Responsive to the Assessed Risks of Material Misstatement at the Assertion Level

The Nature, Timing and Extent of Further Audit Procedures (Ref: Para. 6)

A4. The auditor's assessment of the identified risks at the assertion level provides a basis for considering the appropriate audit approach for designing and performing further audit procedures. For example, (as appropriate and notwithstanding the requirements of this SA)⁴, the auditor may determine that:

- (a) Only by performing tests of controls may the auditor achieve an effective response to the assessed risk of material misstatement for a particular assertion;
- (b) Performing only substantive procedures is appropriate for particular assertions and, therefore, the auditor excludes the effect of controls from the relevant risk assessment. This may be because the auditor's risk assessment procedures have not identified any effective controls relevant to the assertion, or because testing controls would be inefficient and therefore the auditor does not intend to rely on the operating effectiveness of controls in determining the nature, timing and extent of substantive procedures; or
- (c) A combined approach using both tests of controls and substantive procedures is an effective approach.

A5. The nature of an audit procedure refers to its purpose (i.e., test of controls or substantive procedure) and its type (i.e., inspection, observation, inquiry, confirmation, recalculation, reperformance, or analytical procedure). The nature of the audit procedures is of most importance in responding to the assessed risks.

A6. Timing of an audit procedure refers to when it is performed, or the period or date to which the audit evidence applies.

A7. Extent of an audit procedure refers to the quantity to be performed, for example, a sample size or the number of observations of a control activity.

⁴ For example, as required by paragraph 20, irrespective of the approach selected, the auditor designs and performs substantive procedures for each significant class of transactions, account balance, and disclosure.

Handbook of Auditing Pronouncements-I

A8. Designing and performing further audit procedures whose nature, timing and extent are based on and are responsive to the assessed risks of material misstatement at the assertion level provides a clear linkage between the auditors' further audit procedures and the risk assessment.

Responding to the Assessed Risks at the Assertion Level (Ref: Para. 7(a))

Nature

A9. The auditor's assessed risks may affect both the types of audit procedures to be performed and their combination. For example, when an assessed risk is high, the auditor may confirm the completeness of the terms of a contract with the counterparty, in addition to inspecting the document. Further, certain audit procedures may be more appropriate for some assertions than others. For example, in relation to revenue, tests of controls may be most responsive to the assessed risk of misstatement of the completeness assertion, whereas substantive procedures may be most responsive to the assessed risk of misstatement of the occurrence assertion.

A10. The reasons for the assessment given to a risk are relevant in determining the nature of audit procedures. For example, if an assessed risk is lower because of the particular characteristics of a class of transactions without consideration of the related controls, then the auditor may determine that substantive analytical procedures alone provide sufficient appropriate audit evidence. On the other hand, if the assessed risk is lower because of internal controls, and the auditor intends to base the substantive procedures on that low assessment, then the auditor performs tests of those controls, as required by paragraph 8(a). This may be the case, for example, for a class of transactions of reasonably uniform, non-complex characteristics that are routinely processed and controlled by the entity's information system.

Timing

A11. The auditor may perform tests of controls or substantive procedures at an interim date or at the period end. The higher the risk of material misstatement, the more likely it is that the auditor may decide it is more effective to perform substantive procedures nearer to, or at, the period end rather than at an earlier date, or to perform audit procedures unannounced or at unpredictable times (for example, performing audit procedures at selected locations on an unannounced basis). This is particularly relevant when considering the response to the risks of fraud. For example, the auditor may

The Auditor's Responses to Assessed Risks

conclude that, when the risks of intentional misstatement or manipulation have been identified, audit procedures to extend audit conclusions from interim date to the period end would not be effective.

A12. On the other hand, performing audit procedures before the period end may assist the auditor in identifying significant matters at an early stage of the audit, and consequently resolving them with the assistance of management or developing an effective audit approach to address such matters.

A13. In addition, certain audit procedures can be performed only at or after the period end, for example:

- Agreeing the financial statements to the accounting records;
- Examining adjustments made during the course of preparing the financial statements; and
- Procedures to respond to a risk that, at the period end, the entity may have entered into improper sales contracts, or transactions may not have been finalised.

A14. Further relevant factors that influence the auditor's consideration of when to perform audit procedures include the following:

- The control environment.
- When relevant information is available (for example, electronic files may subsequently be overwritten, or procedures to be observed may occur only at certain times).
- The nature of the risk (for example, if there is a risk of inflated revenues to meet earnings expectations by subsequent creation of false sales agreements, the auditor may wish to examine contracts available on the date of the period end).
- The period or date to which the audit evidence relates.

Extent

A15. The extent of an audit procedure judged necessary is determined after considering the materiality, the assessed risk, and the degree of assurance the auditor plans to obtain. When a single purpose is met by a combination of procedures, the extent of each procedure is considered separately. In general, the extent of audit procedures increases as the risk of material

Handbook of Auditing Pronouncements-I

misstatement increases. For example, in response to the assessed risk of material misstatement due to fraud, increasing sample sizes or performing substantive analytical procedures at a more detailed level may be appropriate. However, increasing the extent of an audit procedure is effective only if the audit procedure itself is relevant to the specific risk.

A16. The use of computer-assisted audit techniques (CAATs) may enable more extensive testing of electronic transactions and account files, which may be useful when the auditor decides to modify the extent of testing, for example, in responding to the risks of material misstatement due to fraud. 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.

A17. In certain circumstances, the audit mandate and any other special auditing requirements may affect the auditor's consideration of the nature, timing and extent of further audit procedures.

Considerations specific to smaller entities

A18. In the case of very small entities, there may not be many control activities that could be identified by the auditor, or the extent to which their existence or operation have been documented by the entity may be limited. In such cases, it may be more efficient for the auditor to perform further audit procedures that are primarily substantive procedures. In some rare cases, however, the absence of control activities or of other components of control may make it impossible to obtain sufficient appropriate audit evidence.

Higher Assessments of Risk (Ref: Para 7(b))

A19. When obtaining more persuasive audit evidence because of a higher assessment of risk, the auditor may increase the quantity of the evidence, or obtain evidence that is more relevant or reliable, e.g., by placing more emphasis on obtaining third party evidence or by obtaining corroborating evidence from a number of independent sources.

Tests of Controls

Designing and Performing Tests of Controls (Ref: Para. 8)

A20. Tests of controls are performed only on those controls that the auditor has determined are suitably designed to prevent, or detect and correct, a

The Auditor's Responses to Assessed Risks

material misstatement in an assertion. If substantially different controls were used at different times during the period under audit, each is considered separately.

A21. Testing the operating effectiveness of controls is different from obtaining an understanding of and evaluating the design and implementation of controls. However, the same types of audit procedures are used. The auditor may, therefore, decide it is efficient to test the operating effectiveness of controls at the same time as evaluating their design and determining that they have been implemented.

A22. Further, although some risk assessment procedures may not have been specifically designed as tests of controls, they may nevertheless provide audit evidence about the operating effectiveness of the controls and, consequently, serve as tests of controls. For example, the auditor's risk assessment procedures may have included:

- Inquiring about management's use of budgets.
- Observing management's comparison of monthly budgeted and actual expenses.
- Inspecting reports pertaining to the investigation of variances between budgeted and actual amounts.

These audit procedures provide knowledge about the design of the entity's budgeting policies and whether they have been implemented, but may also provide audit evidence about the effectiveness of the operation of budgeting policies in preventing or detecting material misstatements in the classification of expenses.

A23. In addition, the auditor may design a test of controls to be performed concurrently with a test of details on the same transaction. Although the purpose of a test of controls is different from the purpose of a test of details, both may be accomplished concurrently by performing a test of controls and a test of details on the same transaction, also known as a dual-purpose test. For example, the auditor may design, and evaluate the results of, a test to examine an invoice to determine whether it has been approved and to provide substantive audit evidence of a transaction. A dual-purpose test is designed and evaluated by considering each purpose of the test separately.

A24. In some cases, as discussed in SA 315, the auditor may find it impossible to design effective substantive procedures that by themselves

Handbook of Auditing Pronouncements-I

provide sufficient appropriate audit evidence at the assertion level. This may occur when an entity conducts its business using IT and no documentation of transactions is produced or maintained, other than through the IT system. In such cases, paragraph 8(b) requires the auditor to perform tests of relevant controls.

Audit Evidence and Intended Reliance (Ref: Para. 9)

A25. A higher level of assurance may be sought about the operating effectiveness of controls when the approach adopted consists primarily of tests of controls, in particular where it is not possible or practicable to obtain sufficient appropriate audit evidence only from substantive procedures.

Nature and Extent of Tests of Controls

Other audit procedures in combination with inquiry (Ref: Para. 10(a))

A26. Inquiry alone is not sufficient to test the operating effectiveness of controls. Accordingly, other audit procedures are performed in combination with inquiry. In this regard, inquiry combined with inspection or reperformance may provide more assurance than inquiry and observation, since an observation is pertinent only at the point in time at which it is made.

A27. The nature of the particular control influences the type of procedure required to obtain audit evidence about whether the control was operating effectively. For example, if operating effectiveness is evidenced by documentation, the auditor may decide to inspect it to obtain audit evidence about operating effectiveness. For other controls, however, documentation may not be available or relevant. For example, documentation of operation may not exist for some factors in the control environment, such as assignment of authority and responsibility, or for some types of control activities, such as control activities performed by a computer. In such circumstances, audit evidence about operating effectiveness may be obtained through inquiry in combination with other audit procedures such as observation or the use of CAATs.

Extent of tests of controls

A28. When more persuasive audit evidence is needed regarding the effectiveness of a control, it may be appropriate to increase the extent of testing of the control. As well as the degree of reliance on controls, matters

The Auditor's Responses to Assessed Risks

the auditor may consider in determining the extent of tests of controls include the following:

- The frequency of the performance of the control by the entity during the period.
- The length of time during the audit period that the auditor is relying on the operating effectiveness of the control.
- The expected rate of deviation from a control.
- The relevance and reliability of the audit evidence to be obtained regarding the operating effectiveness of the control at the assertion level.
- The extent to which audit evidence is obtained from tests of other controls related to the assertion.

SA 530 (Revised)⁵, "Audit Sampling" contains further guidance on the extent of testing.

A29. Because of the inherent consistency of IT processing, it may not be necessary to increase the extent of testing of an automated control. An automated control can be expected to function consistently unless the program (including the tables, files, or other permanent data used by the program) is changed. Once the auditor determines that an automated control is functioning as intended (which could be done at the time the control is initially implemented or at some other date), the auditor may consider performing tests to determine that the control continues to function effectively. Such tests might include determining that:

- Changes to the program are not made without being subject to the appropriate program change controls;
- The authorised version of the program is used for processing transactions; and
- Other relevant general controls are effective.

Such tests also might include determining that changes to the programs have not been made, as may be the case when the entity uses packaged software applications without modifying or maintaining them. For example, the auditor

⁵ Hitherto known as Auditing and Assurance Standard (AAS) 15, "Audit Sampling".

Handbook of Auditing Pronouncements-I

may inspect the record of the administration of IT security to obtain audit evidence that unauthorised access has not occurred during the period.

Testing of indirect controls (Ref: Para. 10(b))

A30. In some circumstances, it may be necessary to obtain audit evidence supporting the effective operation of indirect controls. For example, when the auditor decides to test the effectiveness of a user review of exception reports detailing sales in excess of authorized credit limits, the user review and related follow up is the control that is directly of relevance to the auditor. Controls over the accuracy of the information in the reports (for example, the general IT-controls) are described as “indirect” controls.

A31. Because of the inherent consistency of IT processing, audit evidence about the implementation of an automated application control, when considered in combination with audit evidence about the operating effectiveness of the entity's general controls (in particular, change controls), may also provide substantial audit evidence about its operating effectiveness.

Timing of Tests of Controls

Intended period of reliance (Ref: Para. 11)

A32. Audit evidence pertaining only to a point in time may be sufficient for the auditor's purpose, for example, when testing controls over the entity's physical inventory counting at the period end. If, on the other hand, the auditor intends to rely on a control over a period, tests that are capable of providing audit evidence that the control operated effectively at relevant times during that period are appropriate. Such tests may include tests of the entity's monitoring of controls.

Using audit evidence obtained during an interim period (Ref: Para. 12)

A33. Relevant factors in determining what additional audit evidence to obtain about controls that were operating during the period remaining after an interim period, include:

- The significance of the assessed risks of material misstatement at the assertion level.
- The specific controls that were tested during the interim period, and significant changes to them since they were tested, including changes in

The Auditor's Responses to Assessed Risks

the information system, processes, and personnel.

- The degree to which audit evidence about the operating effectiveness of those controls was obtained.
- The length of the remaining period.
- The extent to which the auditor intends to reduce further substantive procedures based on the reliance of controls.
- The control environment.

A34. Additional audit evidence may be obtained, for example, by extending tests of controls over the remaining period or testing the entity's monitoring of controls.

Using audit evidence obtained in previous audits (Ref: Para. 13)

A35. In certain circumstances, audit evidence obtained from previous audits may provide audit evidence where the auditor performs audit procedures to establish its continuing relevance. For example, in performing a previous audit, the auditor may have determined that an automated control was functioning as intended. The auditor may obtain audit evidence to determine whether changes to the automated control have been made that affect its continued effective functioning through, for example, inquiries of management and the inspection of logs to indicate what controls have been changed. Consideration of audit evidence about these changes may support either increasing or decreasing the expected audit evidence to be obtained in the current period about the operating effectiveness of the controls.

Controls that have changed from previous audits (Ref: Para. 14(a))

A36. Changes may affect the relevance of the audit evidence obtained in previous audits such that there may no longer be a basis for continued reliance. For example, changes in a system that enable an entity to receive a new report from the system probably do not affect the relevance of audit evidence from a previous audit; however, a change that causes data to be accumulated or calculated differently does affect it.

Controls that have not changed from previous audits (Ref: Para. 14(b))

A37. The auditor's decision on whether to rely on audit evidence obtained in previous audits for controls that:

Handbook of Auditing Pronouncements-I

- (a) Have not changed since they were last tested; and
- (b) Are not controls that mitigate a significant risk;

is a matter of professional judgment. In addition, the length of time between retesting such controls is also a matter of professional judgment, but is required by paragraph 14 (b) to be at least once in every third year.

A38. In general, the higher the risk of material misstatement, or the greater the reliance on controls, the shorter the time period elapsed, if any, is likely to be. Factors that may decrease the period for retesting a control, or result in not relying on audit evidence obtained in previous audits at all, include the following:

- A weak control environment.
- Weak monitoring of controls.
- A significant manual element to the relevant controls.
- Personnel changes that significantly affect the application of the control.
- Changing circumstances that indicate the need for changes in the control.
- Weak general IT-controls.

A39. When there are a number of controls for which the auditor intends to rely on audit evidence obtained in previous audits, testing some of those controls in each audit provides corroborating information about the continuing effectiveness of the control environment. This contributes to the auditor's decision about whether it is appropriate to rely on audit evidence obtained in previous audits.

Evaluating the Operating Effectiveness of Controls (Ref: Para. 16 -19)

A40. A material misstatement detected by the auditor's procedures may indicate the existence of a material weakness in internal control.

A41. The concept of effectiveness of the operation of controls recognises that some deviations in the way controls are applied by the entity may occur. Deviations from prescribed controls may be caused by such factors as changes in key personnel, significant seasonal fluctuations in volume of transactions and human error. The detected rate of deviation, in particular in comparison with the expected rate, may indicate that the control cannot be

The Auditor's Responses to Assessed Risks

relied on to reduce risk at the assertion level to that assessed by the auditor.

Substantive Procedures (Ref: Para. 20)

A42. Paragraph 20 requires the auditor to design and perform substantive procedures for each material class of transactions, account balance, and disclosure, irrespective of the assessed risks of material misstatement. This requirement reflects the facts that: (i) the auditor's assessment of risk is judgmental and so may not identify all risks of material misstatement; and (ii) there are inherent limitations to internal control, including management override.

Nature and Extent of Substantive Procedures

A43. Depending on the circumstances, the auditor may determine that:

- Performing only substantive analytical procedures will be sufficient to reduce audit risk to an acceptably low level. For example, where the auditor's assessment of risk is supported by audit evidence from tests of controls.
- Only tests of details are appropriate.
- A combination of substantive analytical procedures and tests of details are most responsive to the assessed risks.

A44. Substantive analytical procedures are generally more applicable to large volumes of transactions that tend to be predictable over time. SA 520⁶, "Analytical Procedures" establishes requirements and provides guidance on the application of analytical procedures during an audit.

A45. The nature of the risk and assertion is relevant to the design of tests of details. For example, tests of details related to the existence or occurrence assertion may involve selecting from items contained in a financial statement amount and obtaining the relevant audit evidence. On the other hand, tests of details related to the completeness assertion may involve selecting from items that are expected to be included in the relevant financial statement amount and investigating whether they are included.

A46. Because the assessment of the risk of material misstatement takes account of internal control, the extent of substantive procedures may need to

⁶ Hitherto known as Auditing and Assurance Standard (AAS) 14, "Analytical Procedures".

Handbook of Auditing Pronouncements-I

be increased when the results from tests of controls are unsatisfactory. However, increasing the extent of an audit procedure is appropriate only if the audit procedure itself is relevant to the specific risk.

A47. In designing tests of details, the extent of testing is ordinarily thought of in terms of the sample size. However, other matters are also relevant, including whether it is more effective to use other selective means of testing. See SA 530 for additional guidance.

Substantive Procedures Related to the Financial Statement Closing Process (Ref: Para. 21(b))

A48. The nature, and also the extent, of the auditor's examination of journal entries and other adjustments depends on the nature and complexity of the entity's financial reporting process and the related risks of material misstatement.

Substantive Procedures Responsive to Significant Risks (Ref: Para. 22)

A49. Paragraph 22 of this SA requires the auditor to perform substantive procedures that are specifically responsive to risks the auditor has determined to be significant risks. For example, if the auditor identifies that management is under pressure to meet earnings expectations, there may be a risk that management is inflating sales by improperly recognising revenue related to sales agreements with terms that preclude revenue recognition or by invoicing sales before shipment. In these circumstances, the auditor may, for example, design external confirmations not only to confirm outstanding amounts, but also to confirm the details of the sales agreements, including date, any rights of return and delivery terms. In addition, the auditor may find it effective to supplement such external confirmations with inquiries of non-financial personnel in the entity regarding any changes in sales agreements and delivery terms. Substantive procedures related to significant risks are most often designed to obtain audit evidence with high reliability.

Timing of Substantive Procedures (Ref: Para. 23-24)

A50. In most cases, audit evidence from a previous audit's substantive procedures provides little or no audit evidence for the current period. There are, however, exceptions, e.g., a legal opinion obtained in a previous audit related to the structure of a securitisation to which no changes have occurred, may be relevant in the current period. In such cases, it may be

The Auditor's Responses to Assessed Risks

appropriate to use audit evidence from a previous audit's substantive procedures if that evidence and the related subject matter have not fundamentally changed, and audit procedures have been performed during the current period to establish its continuing relevance.

Using audit evidence obtained during an interim period (Ref: Para. 23)

A51. In some circumstances, the auditor may determine that it is effective to perform substantive procedures at an interim date, and to compare and reconcile information concerning the balance at the period end with the comparable information at the interim date to:

- (a) Identify amounts that appear unusual;
- (b) Investigate any such amounts; and
- (c) Perform substantive analytical procedures or tests of details to test the intervening period.

A52. Performing substantive procedures at an interim date without undertaking additional procedures at a later date increases the risk that the auditor will not detect misstatements that may exist at the period end. This risk increases as the remaining period is lengthened. Factors such as the following may influence whether to perform substantive procedures at an interim date:

- The control environment and other relevant controls.
- The availability at a later date of information necessary for the auditor's procedures.
- The purpose of the substantive procedure.
- The assessed risk of material misstatement.
- The nature of the class of transactions or account balance and related assertions.
- The ability of the auditor to perform appropriate substantive procedures or substantive procedures combined with tests of controls to cover the remaining period in order to reduce the risk that misstatements that may exist at the period end will not be detected.

A53. Factors such as the following may influence whether to perform substantive analytical procedures with respect to the period between the

Handbook of Auditing Pronouncements-I

interim date and the period end:

- Whether the period end balances of the particular classes of transactions or account balances are reasonably predictable with respect to amount, relative significance, and composition.
- Whether the entity's procedures for analysing and adjusting such classes of transactions or account balances at interim dates and for establishing proper accounting cutoffs are appropriate.
- Whether the information system relevant to financial reporting will provide information concerning the balances at the period end and the transactions in the remaining period that is sufficient to permit investigation of:
 - (a) Significant unusual transactions or entries (including those at or near the period end);
 - (b) Other causes of significant fluctuations, or expected fluctuations that did not occur; and
 - (c) Changes in the composition of the classes of transactions or account balances.

Misstatements detected at an interim date (Ref: Para. 24)

A54. When the auditor concludes that the planned nature, timing or extent of substantive procedures covering the remaining period need to be modified as a result of unexpected misstatements detected at an interim date, such modification may include extending or repeating the procedures performed at the interim date at the period end.

Adequacy of Presentation and Disclosure (Ref: Para. 25)

A55. Evaluating the overall presentation of the financial statements, including the related disclosures, relates to whether the individual financial statements are presented in a manner that reflects the appropriate classification and description of financial information, and the form, arrangement, and content of the financial statements and their appended notes. This includes, for example, the terminology used, the amount of detail given, the classification of items in the statements, and the bases of amounts set forth.

The Auditor's Responses to Assessed Risks

Evaluating the Sufficiency and Appropriateness of Audit Evidence (Ref: Para. 26-28)

A56. An audit of financial statements is a cumulative and iterative process. As the auditor performs planned audit procedures, the audit evidence obtained may cause the auditor to modify the nature, timing or extent of other planned audit procedures. Information may come to the auditor's attention that differs significantly from the information on which the risk assessment was based. For example,

- The extent of misstatements that the auditor detects by performing substantive procedures may alter the auditor's judgment about the risk assessments and may indicate a material weakness in internal control.
- The auditor may become aware of discrepancies in accounting records, or conflicting or missing evidence.
- Analytical procedures performed at the overall review stage of the audit may indicate a previously unrecognised risk of material misstatement.

In such circumstances, the auditor may need to re-evaluate the planned audit procedures, based on the revised consideration of assessed risks for all or some of the classes of transactions, account balances, or disclosures and related assertions. SA 315 contains further guidance on revising the auditor's risk assessment.

A57. The auditor cannot assume that an instance of fraud or error is an isolated occurrence. Therefore, the consideration of how the detection of a misstatement affects the assessed risks of material misstatement is important in determining whether the assessment remains appropriate.

A58. The auditor's judgment as to what constitutes sufficient appropriate audit evidence is influenced by such factors as the following:

- Significance of the potential misstatement in the assertion and the likelihood of its having a material effect, individually or aggregated with other potential misstatements, on the financial statements.
- Effectiveness of management's responses and controls to address the risks.
- Experience gained during previous audits with respect to similar potential misstatements.

Handbook of Auditing Pronouncements-I

- Results of audit procedures performed, including whether such audit procedures identified specific instances of fraud or error.
- Source and reliability of the available information.
- Persuasiveness of the audit evidence.
- Understanding of the entity and its environment, including the entity's internal control.

Documentation (Ref: Para. 29)

A59. The form and extent of audit documentation is a matter of professional judgment, and is influenced by the nature, size and complexity of the entity and its internal control, availability of information from the entity and the audit methodology and technology used in the audit.

Material Modifications to ISA 330, The Auditor's Responses to Assessed Risks

Deletion

1. Paragraph A17 of the Application Section of ISA 330 dealt with the application of the requirements of ISA 330 to the audits of public sector entities regarding the auditor's consideration of the nature, timing and extent of further audit procedures. Since as mentioned in the "Preface to the Standards on Quality Control, Auditing, Review, Other Assurance and Related Services", the Standards issued by the Auditing and Assurance Standards Board, apply equally to all entities, irrespective of their form, nature and size, a specific reference to applicability of the Standard to public sector entities has been deleted.

Further, it is also possible that even in case of non-public sector entities the auditor may be required to give special considerations regarding the nature, timing and extent as a result of the terms of appointment of the auditor or any other special reporting requirement under the statute or regulation under which the entity operates. Accordingly, the spirit of erstwhile A17, highlighting the fact that in some cases, the auditor's consideration of the nature, timing and extent of further audit procedures may be affected by the audit mandate or any other special auditing requirements, has been retained.