

ISBN 978-0-626-19120-7

SANS 14598-5:1998
Edition 1 and nat. amdt 1
ISO/IEC 14598-5:1998
Edition 1

Any reference to SABS ISO/IEC 14598-5 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Information technology — Software product evaluation

Part 5: Process for evaluators

This national standard is the identical implementation of ISO/IEC 14598-5:1998 and is adopted with the permission of the International Organization for Standardization and the International Electrotechnical Commission.

Published by Standards South Africa
1 dr lategan road groenkloof ☒ private bag x191 pretoria 0001
tel: 012 428 7911 fax: 012 344 1568 international code + 27 12
www.stansa.co.za
© Standards South Africa

standards
South Africa
(a division of SABS)

SANS 14598-5:1998
Edition 1 and nat. amdt 1
ISO/IEC 14598-5:1998
Edition 1

Table of changes

Change No.	Date	Scope
Nat. amdt 1	2007	Amended to change the designation from SABS to SANS, with no technical changes.

National foreword

This South African standard was approved by National Committee StanSA SC 71C, *Information technology – ICT systems and software engineering*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This part of SANS 14598 was published in February 2007. This SANS edition is technically identical to the first SABS edition (SABS ISO/IEC 14598-5:1998).

INTERNATIONAL STANDARD

ISO/IEC 14598-5

First edition
1998-07-01

Information technology — Software product evaluation —

Part 5: Process for evaluators

*Technologies de l'information — Évaluation du produit logiciel —
Partie 5: Procédés pour les évaluateurs*



Reference number
ISO/IEC 14598-5:1998(E)

Contents

Foreword	iv
Introduction	v
1 Scope	1
2 Conformance	1
3 Normative references	2
4 Definitions	2
5 Evaluation Concepts	3
5.1 General aspects	3
5.2 Evaluation starting point.....	3
5.2.1 Initial agreement.....	3
5.2.2 Parties involved in the evaluation	4
5.3 Characteristics of the evaluation process	4
5.4 Evaluation process	4
5.4.1 Evaluation activities	5
5.4.2 Input to the evaluation process.....	5
5.4.3 Output of the evaluation process.....	6
5.5 Relations between evaluation and life-cycle.....	7
6 Evaluation process requirements	8
6.1 General requirements.....	8
6.1.1 Organisation and quality system	8
6.1.2 Requester's responsibilities.....	8
6.1.3 Evaluator's responsibilities	9
6.2 Establishment of evaluation requirements	9
6.2.1 Purpose of the establishment of evaluation requirements.....	9
6.2.2 Elaboration of the evaluation requirements	9
6.2.3 Contents of the evaluation requirements.....	10
6.2.4 Approbation and reporting	10

6.3 Specification of the evaluation.....	11
6.3.1 Purpose of the specification of the evaluation.....	11
6.3.2 Elaboration of the evaluation specification	11
6.3.3 Contents of the evaluation specification	13
6.3.4 Approbation and reporting	14
6.4 Design of the evaluation.....	14
6.4.1 Purpose of designing the evaluation.....	14
6.4.2 Elaboration of the evaluation plan.....	14
6.4.3 Contents of the evaluation plan	16
6.4.4 Approbation and reporting	16
6.5 Execution of the evaluation.....	16
6.5.1 Purpose of the evaluation execution.....	16
6.5.2 Performing the evaluator actions.....	16
6.5.3 Reviewing and reporting	18
6.6 Conclusion of the evaluation.....	19
6.6.1 Purpose of the evaluation conclusion.....	19
6.6.2 Joint review of the evaluation report.....	19
6.6.3 Disposition of evaluation data and documents.....	19
Annex A (normative) Template evaluation report.....	20
Annex B (informative) Levels of evaluation	22
Annex C (informative) Software product components.....	26
Annex D (informative) Interactions between requester and evaluator	30
Annex E (informative) Evaluation contract	32
Annex F (informative) Bibliography	35