ISO/IEC 15939:2007-08 (E)

Systems and software engineering - Measurement process

Contents

Page

Foreword iv

Introduction v

1 Scope 1
1.1 Purpose 1
1.2 Field of application 1
1.3 Tailoring this International Standard 1
1.4 Conformance 1
1.5 Limitations 2

2 Terms and definitions 2

3 Application of this International Standard 7
3.1 Purpose and outcomes of the measurement process 7
3.2 Overview of this International Standard 7
3.3 Organization of this International Standard 10

4 Description of the activities 11
4.1 Establish and sustain measurement commitment 11
4.2 Plan the measurement process 12
4.3 Perform the measurement process 16
4.4 Evaluate measurement 18

Annex A (informative) The measurement information model 20

Annex B (informative) Measurement process work products 28

Annex C (informative) Example criteria for selecting measures 30

Annex D (informative) Example criteria for evaluating an information product 32

Annex E (informative) Example criteria for evaluating the performance of the measurement process 35

Annex F (informative) Example elements of measurement planning 36

Annex G (informative) Guidelines for reporting information products 37

Bibliography 38