ISO/TR 15155-2:2012-10 (E)

Agricultural irrigation equipment - Test facilities for agricultural irrigation equipment - Part 2: Test f acility operating manual

Contents

Page

Foreword v

1 Scope 1

2 Amendment record 1

3 Facility description and functions 1
3.1 General 1
3.2 Test facility name 1
3.3 Range of testing 2
3.4 Organizational structure 2
3.5 Organization structure chart 2
3.6 Staff 2

4 Test facility operating manual (TFOM) 2
4.1 Introduction 2
4.2 Quality policy 3

5 Test facility staff 3
5.1 Staff responsibilities 3
5.2 Training and development 3
5.3 Job descriptions 4

6 Test facility review and audits 6
6.1 Test facility audits 6
6.2 Reviewing the quality system 6
6.3 Upgrading the test facility operating manual (TFOM) 6
6.4 Updating documents 6
6.5 Standards and procedures 7

7 Equipment 7
7.1 Equipment inventory (example list) 8
7.2 Equipment assurance program 8

8 Test methods 9
8.1 Electronic equipment test procedures 9
8.2 Mechanical equipment test procedures 9
8.3 Selection of test methods 9
8.4 Departures from standard test methods 9

9 Normal work procedures 9
9.1 Requests for testing 9
9.2 Recording job instructions 10
9.3 Identification and marking of test samples 10
9.4 Test data 10
9.5 Access to test area 10
9.6 Safety 10
9.7 Housekeeping 10
9.8 Improper influence 11

10 Control of test samples 11

10.1 Receipt, storage and disposal 11
10.2 Security of samples 11

11 Test records 11
11.1 Filing of original test results 11
11.2 Verification of data 11
11.3 Confidentiality and security 11

12 Diagnostic and corrective actions 11
12.1 Internal feedback 11
12.2 External feedback 12
12.3 Verification procedures 12

13 Test reports 12
13.1 Format of test reports 12
13.2 Compliance testing 12
13.3 Checking of reports 12
13.4 Revision of reports 13
13.5 Retention of reports 13

14 Subcontracting responsibilities 13

15 Occupational health and safety 13
15.1 Responsibilities 13
15.2 Staff safety 13
15.3 First aid and fire-fighting equipment 13

16 Accreditation: Test facility registration 14

Annex A (informative) Typical amendment record 15

Annex B (informative) List of reference documents 16

Annex C (informative) Facility floor plan 17

Annex D (informative) Accident reporting form 18

Annex E (informative) Test facility audit topics 19

Annex F (informative) Sprayer test bench 21

Annex G (informative) Valve test bench 25

Annex H (informative) Emitter test bench 27

Annex I (informative) Sprinkler test bench 29

Bibliography 33