ISO 21398:2007-06 (E)

Hard coal and coke - Guidance to the inspection of mechanical sampling systems

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normatives references 1

3 Terms and definitions 1

4 Safety 2

5 General considerations 2
5.1 Precision 2
5.2 Bias 2
5.3 Operation of sampling system 2

6 Establishment of inspection system 3
6.1 General 3
6.2 Audit -- External 3
6.3 Audit -- Internal 4
6.4 Operational inspections 4

7 Procedures 4
7.1 Audit -- External 4
7.2 Audit -- Internal 5
7.3 Operational inspections 6

8 Quality control 6
8.1 General 6
8.2 Sampling ratio 6
8.3 Coefficient of variation 7
8.4 Extraction ratio 7
8.5 Sampling records 7
8.6 Operators' inspection report 8

Annex A (informative) Monitoring coal sampling ratios using control charts 11

Annex B (informative) Examples of sampling checklists 15

Annex C (informative) Example of sampling plant operators inspection report 18

Annex D (informative) Example of sampling plant operations inspection summary 23

Bibliography 25