

ISO/TR 20180:2026-09 (E)

Risk-based product quality data interchange in e-commerce

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 E-commerce supply chain context	2
4.1 Overview	2
4.2 Participants	3
4.3 Key e-commerce business stages	3
5 Product risk assessment in e-commerce	4
5.1 Overview	4
5.2 Risk identification	4
5.2.1 Overview	4
5.2.2 Risk sources	4
5.2.3 Risk factors	6
5.3 Risk analysis	7
5.3.1 Overview	7
5.3.2 Likelihood	7
5.3.3 Severity levels of potential consequences	8
5.4 Risk evaluation	8
5.5 Product risk reduction based on data interchange	9
6 Risk-based product quality data for interchange	9
6.1 Overview	9
6.2 Information packages	9
6.3 Datasets	11
6.3.1 Examples of datasets in a bicycle helmet information package	11
6.4 Data quality	12
6.5 Data augmentation	13
7 Process for quality data interchange in e-commerce	14
Annex A (informative) Use case of risk assessment and risk-based quality interchange in e-commerce	19
Annex B (informative) Example of XML schema definition for risk-based product quality data interchange in e-commerce	21
Bibliography	28