

ISO/IEC 8801:2026-06 (E)

Information technology - 3D printing and scanning - Data standard operating procedure (SOP)

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviated terms	1
3.1 Terms and definitions	1
3.2 Abbreviated terms	2
4 3D scanned and labelled data standard operating procedure (SOP)	2
4.1 General requirements	2
4.1.1 Entity	2
4.1.2 Test data quality assurance procedures	3
4.2 Documentation requirements	4
4.2.1 General	4
4.2.2 Data quality manual	4
4.3 Data level	4
4.4 Data process flow for test data SOP	4
5 Define and design stage	6
5.1 General	6
5.2 Test data policy	6
5.3 Test data planning	6
6 Acquire and pre-process stage	7
6.1 General	7
6.2 Test data acquisition	7
6.2.1 Sample size	7
6.2.2 Data source	7
6.2.3 Data curation	7
6.2.4 Data augmentation	7
6.3 Test data de-identification	8
6.4 Test data transfer	8
6.5 Test data preprocessing	8
6.5.1 General	8
6.5.2 Intensity normalization	8
6.5.3 Resampling and interslice interpolation	9
6.6 Test data labelling/annotation	9
6.6.1 Reference standard	9
6.6.2 Intra-observer variability	10
6.6.3 Inter-observer variability	10
7 Validate and analyse stage	10
7.1 General	10
7.2 Test data quality control	10
7.3 Test data requirements	10
7.3.1 Test data acquisition requirements	10
7.3.2 Test data labelling requirements	11
8 Optimize and update stage	11
8.1 General	11
8.2 Test data formatting and structuring	11
8.2.1 Test original data formatting	11
8.2.2 Test labelling and annotation data formatting	11
8.3 Test data reporting	11
8.4 Test data improvement	11
Bibliography	12