

DIN EN ISO 18490:2026-08 (E)

Non-destructive testing - Evaluation of vision acuity of NDT personnel (ISO 18490:2026)

Contents

Page

Foreword.....	iv
Introduction.....	vi
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Chart print quality and marking.....	2
5 Health and safety requirements.....	2
6 Personnel administering the test.....	2
7 Near and Far Vision Test charts.....	3
8 Test procedure.....	3
8.1 General.....	3
8.2 Eye to chart distance.....	3
8.3 Vision Correction.....	3
8.4 Tests.....	4
8.4.1 General.....	4
8.4.2 Near and Far Guidance.....	4
9 Acceptance levels.....	5
Annex A (informative) Radner Chart (Not to scale).....	6
Annex B (informative) Snellen Chart (Not to scale).....	7
Annex C (informative) Landolt Chart (Not to scale).....	8
Annex D (informative) Ishihara Chart (Not to Scale).....	9
Annex E (informative) Sample Colour Trade Test Exam.....	10
Annex F (informative) Corresponding Reading Acuity Notations for Test Distances of 40 cm (16 inches) and 32 cm (12.5 inches).....	13
Annex G (informative) Grey Scale Perception Testing.....	14
Annex H (informative) Low Contrast Visual Acuity.....	15
Annex I (informative) Verification of Trained Professional.....	16
Bibliography.....	18