

Grundy Task Analysis Grid

This grid may be used by optometrists as an aid to accurate visual task analysis.

Occupational Information	✓	
Working distance		Far: >2m
		Intermediate: 2m-0.55m
		Near: 0.55-0.3m
		Very near: <0.3m
Size of detail		Large/medium: >5’*
		Small: 3-5’*
		Very small: 2-3’*
		Extremely small: 1-2’*
		Minute: <1’*
Head movements		Side to side
		Up and down
		Mixture
Main working position		Sitting
		Standing
		Moving
		Mixture
Direction of gaze		Ahead
		Up
		Down
		Side
		Mixture
Task movement		Stationary
		Slow
		Fast
Changes of gaze		Frequent
		Occasional
		Seldom
Special accuracy or care		Required
		Limited requirements
		Not required

* ‘= in minutes of angle subtense

Clinical Requirements	✓	
Visual Acuity		Calculated by using occupational information
Binocular Vision / Stereopsis		Required
		Not required
		Monocular vision
Colour vision		Good
		Limited requirements
		Not required
Visual fields		Good
		Fair

Environmental Information	✓	
Visibility		Good
		Fair
		Poor
Eye Protection		Required
		Not required
Potential danger		High risk
		Medium risk
		Low risk
Hazards† (refer to BS EN 166)		Present
		Not present
Lighting (types in use, adequacy, suitability)		Good
		Fair
		Poor

†if present, identify and assess degree of risk