

4 ASSESSMENT STRUCTURE

Assessment is conducted to measure the following k-worker occupational competencies :

- i) Technical competency
- ii) Learning and methodological competencies
- iii) Social and human competencies

4.1 Assessment Structure for Level 1

The assessment structure is divided into 2 categories:

- a. Assessment on technical, learning and methodological competencies
 - i. Continuous Assessment – 100%
- b. Assessment on social and human competencies
 - i. Self Assessment – 20%
 - ii. Observation – 80%

Table 1 : NDTs Assessment Structure (Level 1)

NO.	ASSESSMENT COMPONENTS				PERCENTAGE (%)		PASSING MARKS* (%)
1	Technical, Learning & Methodological Competencies	Continuous Assessment	Training Center	Theory	30	100	18
			Company	Practical	70		42
TOTAL					100		60
2	Social and Human Competencies		Company / Training Center	Self-Assessment	20		14
				Coach & Instructor Observation	80		56
TOTAL					100		70

* The apprentice must reach all passing marks in Assessment Components to be awarded in Malaysia Skills Certificate Level 1.

4.2 Assessment Structure for Level 2 & 3

The assessment structure is divided into 2 categories:

- i) Assessment on technical, learning and methodological competencies
 - a. Continuous Assessment – 60%
 - b. Final Examination – 40%
- ii) Assessment on social and human competencies
 - a. Self Assessment – 20%
 - b. Observation – 80%

Table 2 : NDTs Assessment Structure (Level 2 & 3)

NO.	ASSESSMENT COMPONENTS				PERCENTAGE (%)	PASSING MARKS* (%)
1	Technical, Learning & Methodological Competencies	Continuous Assessment	Training Center	Theory	20	14
			Company	Practical	40	28
		Final Examination	Company / Training Center	Theory	10	7
				Practical	30	21
		TOTAL				100
2	Social and Human Competencies		Company / Training Center	Self-Assessment	20	14
				Coach & Instructor Observation	80	56
	TOTAL				100	70

*The apprentice must reach all passing marks in Assessment Components to be qualified to attend the final exam.

4.3 Continuous Assessment

Continuous assessment is conducted using LWA and any other assessment method as listed in Table 3.

Table 3 : Assessment methods and percentage distribution for continuous assessment

ASSESSMENT METHODS	PERCENTAGE (%)	
	WORKPLACE	TRAINING CENTRE
<ul style="list-style-type: none">▪ Technical reporting▪ Presentation▪ Product▪ Oral▪ Observation▪ Self Assessment▪ Peer Assessment▪ Written test▪ Quiz▪ Assignment▪ Case study▪ Simulation/role play	40	20
Total	60	

4.4 Final Examination

The percentage distribution for the assessment components in the final examination is as follows:-

Table 4: Components and Percentage Distribution of Final Examination

COMPONENTS		DURATION	PERCENTAGE (%)	DESCRIPTION
THEORY		1 - 1 ½ hrs	10	40 - 60 multiple choice questions based on the whole Training Occupation.
PRACTICAL	Work Planning	Minimum 3 hours	5	Structured questions related to work process/ sequence, attitude, tools selection and safety based on the given work assignment.
	Work Assignment		25	Execution of work plan and performance evaluation.

4.5 Continuous Assessment on Social and Human Competences:

4.5.1 Self-assessment

Self-assessment is conducted using Likert Scale as benchmark at the beginning of the training. A post-assessment after a specified duration (1 semester) is conducted to identify changes in Social Values and Social Skills. Self-assessment is carried out by the apprentices themselves.

4.5.2 Coach & Instructor Observation

Assessment by observation is conducted through out the training duration by company coaches and instructors at the training centers using the rubrics in the '*Handbook on Social Skills and Social Values in TEVT*'.