



DELTA STATE JOB AND WEALTH CREATION BUREAU

Governor's Office, Asaba.

TILING AND INTERLOCKING TRAINING MANUAL

DURATION: 6 MONTHS

WEEK	DAYS	TASK	ACTIVITIES (SPECIFIC ACTIONS)	METHOD
1	1	Introduction to tiling	The instructor will introduce the trainees to tiling.	Instruction
	2	Basic tools and equipment.	The instructor will teach the trainees how to identify tools for tiling.	Practice
	3	Uses of tiling tools and maintenance	The instructor will teach the trainees how the tools and equipment for tiling are used and maintained.	Instruction
	4	Safety	The instructor will teach the trainees the hazards and safety precautions in tiling.	Instruction
	5	Tiles: types and sizes	The instructor will teach the trainees the different types and sizes of tiles.	Instruction
2	1	Measurement and estimation of materials	The instructor will teach the trainees how to take measurement and estimation of materials.	Instruction
	2	Measurement and estimation of materials	The instructor will teach the trainees how to take measurement and estimation of materials.	Instruction
	3	Measurement and estimation of materials	The instructor will teach the trainees how to take measurement and estimation of materials.	Instruction
	4	Market survey	The instructor will teach the trainees how to conduct market survey.	Instruction
	5	Market survey	The instructor will teach the trainees how to make quotations.	Instruction
	1-2	Gauge	The instructor will teach the trainees how to transfer floor level from one space to another.	Practice
	3	Preparation for tiling job.	The instructor will teach the trainees how to plan for tiling job.	Practice

WEEK	DAYS	TASK	ACTIVITIES (SPECIFIC ACTIONS)	METHOD
3	4-5	Mortar spreading ramming and leveling.	The instructor will teach the trainees the combination ratios of sand and cement in mortar mixture and how to spread, ram and level mortar.	Practice
4	1-3	Thin-set preparation	The instructor will teach the trainees how to mix and apply thin-set.	Practice
	4-5	Cutting of tiles	The instructor will teach the trainees how to cut different types of tiles.	Practice
5	1-3	Fixing and taping	The instructor will teach the trainees how to fix and tap tiles.	Practice
	4-5	Cleaning	The instructor will teach the trainees the need for cleaning and how to clean different types of tiles.	Instruction
6	1-5	Design	The instructor will teach the trainees how to do different designs to suit the client.	Practice
7	1-3	Application of white cement	The instructor will teach the trainees how to apply white cement in-between wall tiles to avoid water penetration and to add beauty.	Practice
	4-5	Sketching	The instructor will teach the trainees how to fix sketching in other to avoid wetting the wall while moping.	Practice
8	1-3	Scaffolding	The instructor will teach the trainees how to fix and use scaffold while fixing wall tiles.	Practice
	4-5	Staircase	The instructor will teach the trainees measurement of the riser and bedding of the staircase before laying tiles.	Practice
9	1-3	Ark design	The instructor will teach the trainees how to construct and beautify pillar ark.	Practice
	4-5	Pillar range	The instructor will teach the trainees how to determine the straightness of pillar.	Practice
10	1-3	Fixing of mosaic tiles.	The instructor will teach the trainees how to mix mosaic gum with white cement, and how to fix mosaic tiles.	Practice
	4-5	Swimming pool laying.	The instructor will teach the trainees how to use water to seal to lay tiles in pool to avoid possible leakage.	Practice
11	1-2	Swimming pool laying.	The instructor will teach the trainees how to use water to seal to lay tiles in pool to avoid possible leakage.	Practice

WEEK	DAYS	TASK	ACTIVITIES (SPECIFIC ACTIONS)	METHOD
	3-5	Paradiana	The instructor will teach the trainees how to lay broken pieces of tiles, use it to make design both in and outside the room.	Practice
12	1-3	Paradiana (cont'd)	The instructor will teach the trainees how to lay broken pieces of tiles, use it to make design both in and outside the room.	Practice
	4-5	Review	The instructor will lead the trainees on review session of the activities.	Discussion
13	1	Introduction to interlocking, paving stone.	The instructor will give an historical background of interlocking, paving stones.	Instruction
	2	Meaning of interlocking, paving stones.	The instructor will teach the trainees the meaning of interlocking paving stones.	Instruction
	3	Different between interlocking and paving stones.	The instructor will teach the trainees the differences between interlocking paving stone.	Instruction
	4	Safety associated with paving stones.	The instructor will teach the trainees the hazard relating to paving stones during production.	Instruction
	5	What is hazard and types of hazard.	The instructor will teach the trainees the meaning of hazard and types.	Instruction
14	1	Types of interlock paving stones.	The instructor will teach the trainees the types of paving stones, their uses and sizes.	Instruction
	2	Meaning of kerbs, types of kerbs and size.	The instructor will teach the trainees the different types of kerbs size and uses.	Instruction
	3	Paving stones and kerbs, their relationship.	The instructor will teach the trainees how to use paving stones and kerbs together.	Instruction
	4	Basic tool for production paving stones.	The instructor will teach the trainees what is required during production of paving stones.	Instruction
	5	Measurement of materials in paving stones	The instructor will teach the trainees the required measurement for production & the ratio.	Instruction
15	1-2	Production of paving stones	The instructor will teach the trainees how to produce paving stones and duration of quarum.	Instruction

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	3	Site visitation	The instructor will teach the trainees how to relate with the dwellers on site.	Instruction
	4	Measurement	The instructor will teach the trainees how to read and measure tape..	Instruction
	5	Measurement of site	The instructor will teach the trainees how to measure the site.	Instruction
16	1-2	Site preparation	The instructor will teach the trainees how to take the level of the ground work.	Instruction
	3	Advantages and disadvantages interlocking paving stone	The instructor will teach the trainees the benefit of using paving stone.	Instruction
	4	Reading of drawing	The instructor will teach the trainees how to read drawing.	Instruction
	5	How to read landscaping drawing	The instructor will teach the trainees how to read landscaping drawing.	Instruction
17	1	Types of paving stone design	The instructor will teach the trainees the types of paving stones design and their uses.	Practice
	2	Types of kerb design, their uses and size	The instructor will teach the trainees the different types of kerb design, their uses and sizes.	Practice
	3	Basic tool in production of paving stones	The instructor will teach the trainees how to identify basic tool for everyday work.	Practice
	4-5	Measurement of materials in paving stones	The instructor will teach the trainees the ratio of the mixer.	Practice
18	1-5	Production of paving stones	The instructor will teach the trainees how to the instructor will teach the trainees produce paving stones.	Practice
19	1	Site visitation	The instructor will teach the trainees how to discuss with the client on site in order to avoid conflicts.	Practice
	2-3	Measurement	The instructor will teach the trainees how to read the measurement tape.	Practice
	4-5	Measurement of site	The instructor will teach the trainees how to measure the site.	Practice
20	1-2	Site preparation	The instructor will teach the trainees how to take level of groundwork.	Practice
	3-5	Reading of landscaping drawing	The instructor will teach the trainees how to read the drawing.	Practice

WEEK	DAYS	TASK	ACTIVITIES (SPECIFIC ACTIONS)	METHOD
21	1	How to remove the paving stones from the mould	The instructor will teach the trainees how to remove the paving stones from the mould.	Practice
	2	Quotation	The instructor will teach the trainees price analysis in relation to areas to cover.	Practice
	3-5	Installation of interlocking paving stone	The instructor will teach the trainees how to install interlocking paving stone.	Practice
22	1-5	Installation of paving stones.	The instructor will teach the trainees how to install paving stone.	Practice
23	1-5	Installation of kerbs	The instructor will teach the trainees how to install kerbs.	Practice
24	1-4	Installation, interlock paving stone and kerb	The instructor will teach the trainees how to install interlocking paving stones and kerbs.	Practice
	5	Setting up a tiling and interlocking enterprise	The instructor will teach the trainees how to set up a successful tiling and interlocking enterprise.	Instruction