Syllabus For Zigzag Brick Kiln Loading Technician (RPL)

Course Name	Zigzag Brick Kiln Loading Technician (RPL)	
Sector	CONSTRUCTION	
Course Code	CON/2024/ZKLT/301	
Level	4 (RPL)	
Occupation	Zigzag Brick Kiln Loading Technician	
Course Duration	Total Duration 12 Hrs (OJT)	
Trainees' Entry Qualification	cation Class V Pass with 5 years experience in the relevant field	
Trainers Qualification	BE/ B.Tech in Civil / Construction Engineering with 2 Yrs Experience in	
	related field OR Diploma in Civil Engineering with 3 Yrs experience in	
	related filed. OR ITI in Mason Trade Or Graduate with Level 4	
	Certificate in related Trade with 4 Yrs experience in Training.	

Structure of Course:

Module No.	Module name	Total (Hrs)
1	Basic of brick loading in Zigzag kilns	1
2	Improved brick loading process	9
3	Safety and Health	1
4	4 Familiarization with Assessment Process and Terms	
	TOTAL	12

SYLLABUS:

S. No.	Topic/Module	Duration (in Hours)	Key Learning Outcomes
1	Basic of brick loading in Zigzag kilns	1	 The brick kiln loading technician will be able to Understand the basics of brick loading system in zigzag kilns and the terms used Zigzag (single and double zigzag) Chamber dimension Column width Rows Jodi and bandhan Placement of fuel feeding holes Currently used single zig-zag setting and the problems with it and the need for improved brick setting.

S. No.	Topic/Module	Duration (in Hours)	Key Learning Outcomes
2	Improved brick loadingprocess	9	 The brick kiln loading technician will be able toconstruct Double and triple zigzag brick setting. Choose properly dried green bricks forloading in the kiln Prepare kiln floor for stable brick loading Understand the various components (Jodi,Bandhan, Jaali, column size, spacings) of brick setting and their functions Understand the brick setting pattern indifferent parts of the kiln through Proper use of tarpaulin seal proper closing of wicket gates. Follow the best practices (including Do'sand Don'ts) for brick loading
3	Safety and Health Familiarization with Assessment Process and Terms	1	 The brick kiln loading technician will be able to Understand health and safety risksassociated with the job. Follow the Do's and Don'ts, particularlyduring working near fall prone areas. Practice of using personal protective equipment Use of First-aids The brick kiln fire technician will Understand the assessment process and outcomes
Total	No of Hours – 12		 Develop familiarity with the assessmentschedule

List of protective equipment:

1. Mask

2. Googles

3.Helmet

4. Hearing protective device

5.Harnesses

6. Gloves 7. Protective footwear 8. Protective clothing 9. First-aid