

Skill Assessment

Job role - Rigger-Precast Erection

QP Code-CON/Q1004

Total Marks :420 Marks

Time Duration-5 hours 30 mins

Infrastructure: Mobile crane/Tower crane /gantry crane, slings ,shackles, eyebolts,caulking gun. Caulks , grouts,grout mixer machine,spanners, level tube ,spirit level,plumb bob, baker rod, shim pad,measuring tape, temporary props

Note: Each practical task as given below will be performed by a group comprises of two candidates.

	Marks	Duartion
CON/N0709: Provide support in heavy lifting of precast units	70	60 mins
1 Carryout loading , unloading , stacking of precast wall element as shown in figure below		
CON/N0710: Unload, position and align RCC precast components	70	180 mins
2 Carryout lifting ,positioning ,aligning of one of sections of precast wall element as shown in figure below		
CON/N0711: Apply grout and caulking agents in RCC Precast components	70	60 mins
3 Carryout grouting and sealing between two wall joints and wall joint and floor joints a shown in figure.		
CON/N8001: Work effectively in a team to deliver desired results at the workplace	70	
4 Note: The skill assessment of this Nos will be done while carrying out practical activities listed in Question numbe 1 , 2 and 3		
CON/N8002: Plan and organize work to meet expected outcomes	70	

- 5 Note: The skill assessment of this Nos will be done while carrying out practical activities listed in Question number 1 , 2 and 3

CON/N9001: Work according to personal health, safety and environment protocol at construction site

70 **30 minutes**

- 6 Demonstrate safe working practices, and use of appropriate PPEs to carry out the activities of Question Number 1,2, and 3

Figure. 1



Note: **Dimension of wall is 4000mm X 2500 mm X 150 mm**
Lifting equipment and rigging tools & tackles may be chosen according to suitability to work and site