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 leve, 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.

<table>
<thead>
<tr>
<th>Marks</th>
<th>Duration</th>
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<tr>
<td>70</td>
<td>60 mins</td>
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<tr>
<td>70</td>
<td>180 mins</td>
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<td>70</td>
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CON/N0709: Provide support in heavy lifting of precast units

1. Carryout loading, unloading, stacking of precast wall element as shown in figure below

CON/N0710: Unload, position and align RCC precast components

2. Carryout lifting, positioning, aligning of one of sections of precast wall element as shown in figure below

CON/N0711: Apply grout and caulkin agents in RCC Precast components

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

4. Note: The skill assessment of this Nos will be done while carrying out practical activities listed in Question numbers 1, 2, 3

CON/N8002: Plan and organize work to meet expected outcomes
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

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

Note: Dimension of wall is 4000mmX 2500 mmX150 mm
Lifting equipment and rigging tools & tackles may be chosen according to suitability to work and site

Figure 1