${QR}

**Attention to: ${Contractor}**

**IDI PR #:** **${ReferenceNo}**

**Established by: ${curusername}**

**TIS Visit**

**Inspection Report - ${StageName}**

**Date of visit: ${issue\_date1}**

**Location: ${Location}**

**( ${Aria}, Saudi Arabia)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Owner** | ${OWNER} | **TIS Company** | CPV Arabia |
| **Contractor** | ${Contractors} | **Report Issue Date** | ${issue\_date} |
| **Project Location** | ${ADDRESS} | **Inspection #** | ${total\_Visits} |
| **Inspection Stage** | ${StageName} | **No. Of buildings** | ${BUILDINGNO} |
| **Inspector Name** | ${curusername} | **Work in progress** | ${InspVisit} |
| **Email** | ${Email} | **Telephone** | ${Mobile} |

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| **Inspection Results: ${RResult}** |
| **Description of the inspections carried out:**  CPV ARABIA has conducted an on-site technical inspection (IDI) for Project PR #${ReferenceNo} during the pre-pouring phase of the ${StageName}.  The details of the inspection are described further as we go through this report. |

**Summary**

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| **Inspected Items:** ${inter} **RD5 WI (Risks may affect the building stability and stop the work (To be resolved by sending the required documents)):** ${RD5WI}  **RD5 MS (Stages missed without TIS involvement (To be resolved by performing the required tests for the missed elements)):** ${RD5MS}  **Interpretation of Additional Visit:** ${AV}  **Technical Reservations (To be closed by providing the required certificates and reports before the final visit):**  ${TR}  **Note:**  ${Note} |

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| General Site Pictures and Construction Plans |
|  |
| **${GImg}**  **${CImg}** |
| General site picture and construction plans |

Checklist

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| --- | --- | --- | --- | --- |
| **No** | **Checklist** | **SBC Reference** | **Result** | **Remarks** |
| **1** | **Inspection criteria** | | | |
| 1.1 | Is the site ready for inspection with safe inspection condition and safe access for the TIS inspection | - | ${SBC7} | ${INT7} |
| 1.2 | Are there any differences in the project from the RD0, Soil Report, and Construction Plans...etc.)? | - | ${SBC8} | ${INT8} |
| 1.3 | Are there any defects observed that can affect the building’s stability or RD5 inspection for foundation stage hasn’t been closed yet? | - | ${SBC10} | ${INT10} |
| 1.4 | Does the excavation level meet both the recommendations of the soil report and the SBC limits? | 5.2.1 (SBC 303) | ${SBC11} | ${INT11} |
| 1.5 | Are there any missing inspection stages in the project? | - | ${SBC141} | ${INT141} |
| **2** | **Earthwork – Excavation** | | | |
| 2.1 | Does the installation of the blinding concrete align with the construction drawings and soil report? | - | ${SBC12} | ${INT12} |
| 2.2 | Is excavation dry? | 5.4.2.8 (SBC 303) | ${SBC420} | ${INT420} |
| **3** | **FORMWORK** | | | |
| 2.1 | Are the joints properly tied and sealed? | 4.2.1.1 (SBC 302) 4.2.1.2 (SBC 302) | ${SBC13} | ${INT13} |
| 2.2 | Are the forms clean and ready for pouring concrete? | 4.2.4.1 (SBC 302) | ${SBC14} | ${INT14} |
| 2.3 | Do the formwork assembly stable due to the different loads? | 2.1.3.1 (SBC 302) 4.6.1.3 (SBC 302) | ${SBC15} | ${INT15} |
| 3.4 | Is the concrete cover maintained as per approved drawings? | Table 20.6.1.3.1 (SBC 304) | ${SBC143} | ${INT143} |
| **3** | **Steel Reinforcement** | | | |
| 3.1 | Are the steel reinforcement diameter, spacing, number, and direction executed as per the construction drawing? | 707.11.1.4 (SBC 1101) 707.11.1.5 (SBC 1101) 707.11.1.6 (SBC 1101) 707.11.1.7 (SBC 1101) 707.11.1.8 (SBC 1101)  707.11.1.9 (SBC 1101) 707.11.5.1 (SBC 1101) 7A3.1 (SBC 1101)  7A3.2 (SBC1101) 707.11.5.2 (SBC 1101) 7A2.3 (SBC 1101) | ${SBC17} | ${INT17} |
| 3.2 | Are the additional steel reinforcement diameter, number, direction, and length executed as per the construction drawing? | - | ${SBC18} | ${INT18} |
| 3.3 | Is the depth of the structural element complying with the construction plans? | - | ${SBC19} | ${INT19} |
| 3.4 | Are the steel splice lengths executed according to the SBC specifications? | 7A6.1.1 (SBC 1101) 7A6.1.2 (SBC 1101) 7A6.2.1 (SBC 1101) Table 7A-7 (SBC 1101) | ${SBC20} | ${INT20} |
| 3.5 | Are the steel reinforcement bars free of rust? | - | ${SBC21} | ${INT21} |
| 3.6 | In the case of combined footing, Isolated footing, raft, or strap beams Is their continuity of column stirrups as per construction plans and SBC specifications? | Figure 7-15 (SBC 1101) | ${SBC22} | ${INT22} |
| 3.7 | Are the tie wires, and chairs installed as required? | - | ${SBC23} | ${INT23} |
| 3.8 | Are the bent bars within the radius and tolerance uniformly made? | 7A4.1 (SBC 1101) 7A4.2 (SBC 1101)  Table 7A-1 (SBC 1101) Table 7A-2 (SBC 1101) | ${SBC24} | ${INT24} |
| 3.9 | Is the water stop installed as per the drawings? | 2.1.5.4 (SBC 302) | ${SBC25} | ${INT25} |
| 3.10 | Are the pipe sleeves installed as per engineering principles? | 7A8.1.2 (SBC 1101) | ${SBC26} | ${INT26} |
| 3.11 | Are the Columns reinforcement, dimensions, and dowels as per construction plans and SBC specifications? | 7A3.3 (SBC 1101) 7A7.2.1 (SBC 1101) 7A6.5.1 (SBC 1101)  7A7.2.2 (SBC 1101)  7A4.2 (SBC 1101) Table 7A-2 (SBC 1101) | ${SBC421} | ${INT421} |

Risk Assessment

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| **${RAPage}**  **${BTicketImag}**  **${Description}**   **${Passed}** |

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| **Engineer In Charge of Inspection** | **${Supervisor}** | **Technical Inspection Manager** |
| **Name:** ${curusername} | **Name:** ${curusernameAR} | **Name:** ${curusernameins} |
| **Signature:**  ${Signature} | **Signature:**  ${SignatureAR} | **Signature:**  ${Signatureins} |
| Date of Issuing the report: ${issue\_date} | | |