${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} **Risks may affect the building stability and stop the work (To be resolved by sending the required documents):** ${RD5WI}  **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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Checklist** | **SBC Reference** | **Result** |  |
| **1** | **Inspection criteria** | | | |
| 1.1 | Is the site ready for inspection with safe inspection condition and safe access for the TIS inspection | - | ${SBC45} | ${INT45} |
| 1.2 | Are there any differences in the project from the RD0, Soil Report and Construction Plans...etc.)? | - | ${SBC46} | ${INT46} |
| 1.3 | Are there any missing inspection stages in the project? | - | ${SBC147} | ${INT147} |
| 1.4 | Are there any defects observed that can affect the building’s stability or RD5 inspection for slab stage hasn’t been closed yet? | - | ${SBC48} | ${INT48} |
| 1.5 | Is the compressive strength test result for previous casted elements provided? | - | ${SBC436} | ${INT436} |
| 1.6 | Is the compressive strength test conducted in the laboratory accredited to ISO 17025? | - | ${SBC435} | ${INT435} |
| **2** | **FORMWORK** | | | |
| 2.1 | Are joints properly tied and sealed? | 4.2.1.1 (SBC 302)  4.2.1.2 (SBC 302) | ${SBC425} | ${INT425} |
| 2.2 | Are the forms clean and ready for pouring concrete? | 4.2.4.1 (SBC 302) | ${SBC49} | ${INT49} |
| 2.3 | Is the formwork assembly stable due to the different loads? | 2.1.3.1 (SBC 302) 4.6.1.3 (SBC 302) | ${SBC50} | ${INT50} |
| 2.4 | Do the formwork drawings comply with SBC requirements? | 2.1.5.4 (SBC 302) | ${SBC426} | ${INT426} |
| 2.5 | Are concrete covers maintained as per approved drawings? | Table 20.6.1.3.1 (SBC 304) | ${SBC148} | ${INT148} |
| **3** | **Steel Reinforcement** | | | |
| 3.1 | Are the steel reinforcement diameter, number, and direction executed as per the construction drawing? | 508.2.1 (SBC 1101) 7A2.3 (SBC1101) 7A3.1 (SBC 1101) 7A3.2 (SBC 1101) | ${SBC52} | ${INT52} |
| 3.2 | Are the additional reinforcement diameter, number, direction, spacing as per plans, and additional bars at intersections, openings, and corners provided? | - | ${SBC53} | ${INT53} |
| 3.3 | Is the depth of the structural element complying with the construction plans? | 7A6.5.1 (SBC 1101) | ${SBC54} | ${INT54} |
| 3.4 | Are the slab, beams steel reinforcement splices, or column dowel splices 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 1011) | ${SBC55} | ${INT55} |
| 3.5 | Are the steel reinforcement bars free of rust? | - | ${SBC56} | ${INT56} |
| 3.6 | In the case of the column-beam Joint, drop panels is there continuity of column stirrups (ties) as per the construction plan? | 608.6.1.4 (SBC1101) | ${SBC57} | ${INT57} |
| 3.7 | Are the tie wires, and chairs installed as required? | - | ${SBC58} | ${INT58} |
| 3.8 | Are the bent bars installed within radius and tolerance uniformly made? | 7A4.1(SBC 1101)  7A4.2(SBC 1101)  Table 7A-1 (SBC 1101) Table 7A-2 (SBC 1101) | ${SBC59} | ${INT59} |
| 3.9 | Are the pipe sleeves installed as per engineering principles? | 7A8.1.2 (SBC 1101)  Figure 7A-24 (SBC 1101) | ${SBC427} | ${INT427} |

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} | | |