${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 |
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| **${GImg}**  **${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 | - | ${SBC349} | ${INT349} |
| 1.2 | Are there any differences in the project from the RD0, Soil Report and Construction Plans...etc.)? | - | ${SBC350} | ${INT350} |
| 1.3 | Are there any missing inspection stages in the project? | - | ${SBC351} | ${INT351} |
| 1.4 | Are there any defects observed that can affect the building’s stability or RD5 inspection for steel structure stage hasn’t been closed yet? | - | ${SBC352} | ${INT352} |
| 1.5 | Is the compressive strength test result for previous casted elements provided? | - | ${SBC431} | ${INT431} |
| 1.6 | Is the compressive strength test conducted in the laboratory accredited to ISO 17025? | - | ${SBC432} | ${INT432} |
| **2** | **Steel Reinforcement** | | | |
| 2.1 | Are the steel delivery notes provided? | 15.2.1 (SBC306) | ${SBC353} | ${INT353} |
| 2.2 | Are the anchor’s grade, diameter, number, and direction executed as per the construction drawing? | CH17 (SBC304) | ${SBC354} | ${INT354} |
| 2.3 | Is embedment length as per drawings? | CH17 (SBC304) | ${SBC355} | ${INT355} |
| 2.4 | Are the steel members free from visual defects, rust, and cambering? | 14.2 (SBC306) | ${SBC356} | ${INT356} |
| 2.5 | Are the Thicknesses of the flange and webs as per the drawings? | 14.2 (SBC306) | ${SBC357} | ${INT357} |
| 2.6 | Is Stiffener plates as per drawings? | - | ${SBC358} | ${INT358} |
| 2.7 | Are the welding surfaces free from dust, rust, slags, continuity, and cracks? | 14.4.5 (SBC306) | ${SBC359} | ${INT359} |
| 2.8 | Are the columns cross-sections as per drawings? | CH 14 (SBC 306) | ${SBC360} | ${INT360} |
| 2.9 | Are the columns properly set on the concrete base? | 14.4.1 (SBC 306) | ${SBC361} | ${INT361} |
| 2.10 | In the case of grouting, is the grouting gap thickness as plans? | - | ${SBC362} | ${INT362} |
| 2.11 | Is the column-plate welding according to drawings? | 14.2.8 (SBC 306) | ${SBC363} | ${INT363} |
| 2.12 | Are the columns properly plumbed? | 14.4.2 (SBC 306) | ${SBC364} | ${INT364} |
| 2.13 | Are the stiffeners properly cut to avoid residual welding tensions? | - | ${SBC365} | ${INT365} |
| 2.14 | Is the beam's cross-section as per the drawings? | CH 6 (SBC 306) | ${SBC366} | ${INT366} |
| 2.15 | Are the beams welding-to-plates as per the drawings? | 10.2 (SBC 306) | ${SBC367} | ${INT367} |
| 2.16 | In the case of an eave-bolted connection, is it as per the drawings? | CH 10 (SBC 306) | ${SBC368} | ${INT368} |
| 2.17 | In the case of the apex bolted connection, is it as per the drawings? | CH 10 (SBC 306) | ${SBC369} | ${INT369} |
| 2.18 | Are the tie beams cross-section as per the drawings? | - | ${SBC370} | ${INT370} |
| 2.19 | Are the tie beams welding-to-plates as per the drawings? | - | ${SBC371} | ${INT371} |
| 2.20 | Are the bracing cross-sections as per the drawings? | Appendix E (SBC 306) | ${SBC372} | ${INT372} |
| 2.21 | Are the bracing connected to columns or rafters as per the drawings? | Appendix E (SBC 306) | ${SBC373} | ${INT373} |
| 2.22 | In the case of bracing, are located as per drawing? | Appendix E (SBC 306) | ${SBC374} | ${INT374} |
| 2.23 | Are the purlins cross-sections according to the drawings? | - | ${SBC375} | ${INT375} |
| 2.24 | Are the purlins connected to the girder as per the drawing's details? | - | ${SBC376} | ${INT376} |
| 2.25 | Is the distance between purlins as per the drawings? | - | ${SBC377} | ${INT377} |
| 2.26 | Is the purlin continuity between frames as per the drawings? | - | ${SBC378} | ${INT378} |
| 2.27 | Are the sandwich panels or steel sheets connected to purlins as per dwg details? | - | ${SBC379} | ${INT379} |
| 2.28 | Are the roof singular points well executed to ensure the waterproofing? | - | ${SBC380} | ${INT380} |

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} | | |