TIS Visit

**Inspection Report - Flat Slab**

**Branch:** ${Branch}  **Insurance Company: Malath**

|  |  |
| --- | --- |
| **IDI RFP #: ${REFERENCENO}** | |
| **Owner’s name: ${Owner}** | **Contractor: ${Contractor}** |
| **Site Location: ${SiteLocation}** | **Project Type: ${ProjectType}** |
| **Number Of Buildings: ${NumberOfBuildings}** | **Inspection Stage: Flat Slab** |
| **Visit No: ${NoVisits}** | **Date of inspection: ${DateOfInspection}** |
| **Inspector Name**: **${InspectorName}** | **Telephone: ${Telephone}** |
| **E-Mail: ${Email}** | **TIS Agency: CPV ARABIA** |

|  |
| --- |
| **General picture of the project**  ${Image1} |
| **Picture of the constructional plans (From the Site)**  ${Image2} |

**Flat Slab Inspection**

***Inspection Checklist***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Check | Risk Assessment | | |
| Yes | No | N\A |
| 1 | **Inspection criteria** |  |  |  |
| 1.1 | During the inspection is the site ready for the TIS Visit? | ${Check1\_1} | ${Check1\_2} | ${Check1\_3} |
| 1.2 | Were there any modifications in the project that is different from the RD0, Soil Report and Constriction Plans...etc.)? | ${Check2\_1} | ${Check2\_2} | ${Check2\_3} |
| 1.3 | Is there any missing inspection stages in the project? | ${Check3\_1} | ${Check3\_2} | ${Check3\_3} |
| 1.4 | Are there any defects in the execution of the structural element inspected that can affect the building’s stability? | ${Check4\_1} | ${Check4\_2} | ${Check4\_3} |
| **2** | **Formworks** |  |  |  |
| 2.1 | Were the forms Clean and adjacent surfaces to receive concrete at the time of the TIS visit? | ${Check5\_1} | ${Check5\_2} | ${Check5\_3} |
| 2.2 | Is the formwork assembly stable, even when exposed to different load combination? | ${Check6\_1} | ${Check6\_2} | ${Check6\_3} |
| 2.3 | Is the issue of load limits and is back-propping addressed? | ${Check7\_1} | ${Check7\_2} | ${Check7\_3} |
| 2.4 | Forms surface complies with the project specification | ${Check8\_1} | ${Check8\_2} | ${Check8\_3} |
| 2.5 | Joints properly tied and sealed | ${Check9\_1} | ${Check9\_2} | ${Check9\_3} |
| 2.6 | Were Concrete covers maintained as per approved drawings? | ${Check10\_1} | ${Check10\_2} | ${Check10\_3} |
| 2.7 | Level / Plumb / Alignment is maintained as per approved drawings | ${Check11\_1} | ${Check11\_2} | ${Check11\_3} |
| 3 | **Steel Reinforcement** |  |  |  |
| 3.1 | Are the steel reinforcement diameter, number, and direction executed as per the construction drawing? | ${Check12\_1} | ${Check12\_2} | ${Check12\_3} |
| 3.2 | Additional reinforcement as per plans, additional bars at intersections, openings, and corners provided? | ${Check13\_1} | ${Check13\_2} | ${Check13\_3} |
| 3.3 | Is the thickness of the slab complying with the construction plans? | ${Check14\_1} | ${Check14\_2} | ${Check14\_3} |
| 3.4 | Is the length of the splices according to the SBC specifications? | ${Check15\_1} | ${Check15\_2} | ${Check15\_3} |
| 3.5 | if splices are not staggered, is splice length as required? | ${Check16\_1} | ${Check16\_2} | ${Check16\_3} |
| 3.6 | Are the steel reinforcement Bars cleaned of corrosion/rust? | ${Check17\_1} | ${Check17\_2} | ${Check17\_3} |
| 3.7 | Are the dimensions of the beams complying with the construction plans? | ${Check18\_1} | ${Check18\_2} | ${Check18\_3} |
| 3.8 | Is the reinforcement of the beams complying with the construction plans? | ${Check19\_1} | ${Check19\_2} | ${Check19\_3} |
| 3.9 | In the case of the Column-beam Joint were their continuity of columns stirrups? | ${Check20\_1} | ${Check20\_2} | ${Check20\_3} |
| 3.10 | Are the Spacers, tie wires, and chairs installed as required? | ${Check21\_1} | ${Check21\_2} | ${Check21\_3} |
| 3.11 | Are the standard hooks, bend bars, and tension members installed within radius and tolerance uniformly made? | ${Check22\_1} | ${Check22\_2} | ${Check22\_3} |
| 3.12 | In the case of drop panels, were there the thickness and reinforcement as plans? | ${Check23\_1} | ${Check23\_2} | ${Check23\_3} |
| 3.13 | In the case of punching reinforcement, were the reinforcement as construction plans? | ${Check24\_1} | ${Check24\_2} | ${Check24\_3} |
| 3.14 | Were the cantilevers executed as per plans and SBC specifications? | ${Check25\_1} | ${Check25\_2} | ${Check25\_3} |
| 3.15 | Were the stairs reinforcements executed as per engineering principles and SBC Requirements? | ${Check26\_1} | ${Check26\_2} | ${Check26\_3} |
| 3.16 | In the case of the existence of an expansion joint, were the execution as per plans and requirements? | ${Check27\_1} | ${Check27\_2} | ${Check27\_3} |

***Project Photos***

|  |
| --- |
| ${Image3}  ${Image3Desc} |

|  |
| --- |
| ${Image4}  ${Image4Desc} |

|  |
| --- |
| ${Image5}  ${Image5Desc} |

|  |
| --- |
| ${Image6}  ${Image6Desc} |

***Summary***

**Inspection results**

${Check1} **Approved.**

${Check2} **Approved with observations.**

${Check3} **Approved, Technical reservation.**

${Check4} **Rejected, requires an additional visit.**

${Check5} **Rejected, Missing stage requires RD5.**

**Technical Inspection Result and Comments**

|  |
| --- |
| ${Summary} |

**“End of the report”**