TIS Visit

**Inspection Report - Ground Beam**

**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: Ground Beam** |
| **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} |

**Ground Beam Inspection**

***Inspection Checklist***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Check** | **Reference** | **Risk Assessment** | | |
| Yes | No | N\A |
| **1** | **Inspection criteria** |  |  |  |  |
| **1.1** | During the inspection is the site ready for the TIS Visit? |  | ${Check286\_1} | ${Check286\_2} | ${Check286\_3} |
| **1.2** | Were there any modifications in the project that is different from the RD0, Soil Report and Constriction Plans...etc.)? |  | ${Check287\_1} | ${Check287\_2} | ${Check287\_3} |
| **1.3** | Are there any missing inspection stages in the project? |  | ${Check298\_1} | ${Check298\_2} | ${Check298\_3} |
| **1.4** | Are there any defects in the execution of the structural element inspected that can affect the building’s stability? |  | ${Check301\_1} | ${Check301\_2} | ${Check301\_3} |
| 1.5 | were the soil classification and compaction test results provided? |  | ${Check455\_1} | ${Check455\_2} | ${Check455\_3} |
| **2** | **Formworks** |  |  |  |  |
| 2.1 | Were the forms Clean and adjacent surfaces to receive concrete at the time of the TIS visit? |  | ${Check456\_1} | ${Check456\_2} | ${Check456\_3} |
| 2.2 | Is the formwork assembly stable, even when exposed to different load combinations? |  | ${Check297\_1} | ${Check297\_2} | ${Check297\_3} |
| 2.3 | Is the issue of load limits and is back-propping addressed? |  | ${Check282\_1} | ${Check282\_2} | ${Check282\_3} |
| 2.4 | Forms surface complies with the project specification |  | ${Check281\_1} | ${Check281\_2} | ${Check281\_3} |
| 2.5 | Joints properly tied and sealed |  | ${Check280\_1} | ${Check280\_2} | ${Check280\_3} |
| 2.6 | Were Concrete covers maintained as per approved drawings? |  | ${Check279\_1} | ${Check279\_2} | ${Check279\_3} |
| 2.7 | Were the ground beams rested on unstable elements? |  | ${Check278\_1} | ${Check278\_2} | ${Check278\_3} |
| 2.8 | Level / Plumb / Alignment is maintained as per approved drawings |  | ${Check277\_1} | ${Check277\_2} | ${Check277\_3} |
| 3 | **Steel Reinforcement** |  |  |  |  |
| 3.1 | Are the ground beam's steel reinforcement diameter, number, and direction executed as per the construction drawing? |  | ${Check273\_1} | ${Check273\_2} | ${Check273\_3} |
| 3.2 | Additional reinforcement as per plans provided? |  | ${Check275\_1} | ${Check275\_2} | ${Check275\_3} |
| 3.3 | Were the dimensions of the ground beams complying with the construction plans? |  | ${Check274\_1} | ${Check274\_2} | ${Check274\_3} |
| 3.6 | Is the length of the splices according to the SBC specifications? |  | ${Check252\_1} | ${Check252\_2} | ${Check252\_3} |
| 3.8 | Are the steel reinforcement Bars cleaned of corrosion/rust? |  | ${Check272\_1} | ${Check272\_2} | ${Check272\_3} |
| 3.12 | were the Stirrup at the column-girder joint (joint ties) complying with SBC Specifications? |  | ${Check270\_1} | ${Check270\_2} | ${Check270\_3} |
| 3.13 | Are the Spacers, and tie wires, installed as required? |  | ${Check268\_1} | ${Check268\_2} | ${Check268\_3} |
| 3.15 | Are the standard hooks, bend bars, and tension members installed within radius and tolerance uniformly made? |  | ${Check264\_1} | ${Check264\_2} | ${Check264\_3} |
| 3.16 | Are the anchor’s grade, diameter, number, and direction executed as per the construction drawing? |  | ${Check632\_1} | ${Check632\_2} | ${Check632\_3} |
| 3.17 | Is embedment length as per drawings? |  | ${Check633\_1} | ${Check633\_2} | ${Check633\_3} |
| **Note**:  The checks are carried out on the accessible elements at the time of the inspection.  Yes: No deviations from references are observed  No.: Observations that can produce an aggravation of the expected risk  in case of High Impact Risks, please fill the form RD5 | | | | | |

***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”**