TIS Visit

**Inspection Report - Columns**

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

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

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

**Columns Inspection**

***Inspection Checklist***

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| --- | --- | --- | --- | --- | --- |
| **No** | **Check** | **Reference** | **Risk Assessment** | | |
| Yes | No | N\A |
| **1** | **Inspection criteria** |  |  |  |  |
| **1.1** | Were there any differences in the project from the RD0, Soil Report and Constriction Plans...etc.)? |  | ${Check202\_1} | ${Check202\_2} | ${Check202\_3} |
| **1.2** | During the inspection was the technical reserves in the RD0 maintained? |  | ${Check203\_1} | ${Check203\_2} | ${Check203\_3} |
| **1.3** | During the inspection is the site ready for the TIS Visit? |  | ${Check237\_1} | ${Check237\_2} | ${Check237\_3} |
| **1.4** | Are there any defects in the execution of the structural element inspected that can affect the building’s stability? |  | ${Check249\_1} | ${Check249\_2} | ${Check249\_3} |
| **2** | **FORMWORK** |  |  |  |  |
| 2.1 | Joints properly tied and sealed | 4.2.1.1 (SBC 302) 4.2.1.2 (SBC 302) | ${Check131\_1} | ${Check131\_2} | ${Check131\_3} |
| 2.2 | Clean forms and adjacent surface to receive concrete. Remove chips, wood, saw dust, dirt and other debris just before pouring concrete | 4.2.4.1 (SBC 302) | ${Check132\_1} | ${Check132\_2} | ${Check132\_3} |
| 2.3 | Is the formwork assembly stable, even when exposed to different load combination? | 2.1.3.1 (SBC 302) 4.6.1.3 (SBC 302) | ${Check133\_1} | ${Check133\_2} | ${Check133\_3} |
| 2.4 | Concrete cover maintained as per approved drawings? | Table 20.6.1.3.1 (SBC 304) | ${Check137\_1} | ${Check137\_2} | ${Check137\_3} |
| 2.5 | are the column dimensions as per approved drawings? |  | ${Check138\_1} | ${Check138\_2} | ${Check138\_3} |
| **3** | **EMBEDDED ITEMS** |  |  |  |  |
| 3.1 | Water - stop as per drawing? | 2.1.5.4 (SBC 302) | ${Check151\_1} | ${Check151\_2} | ${Check151\_3} |
| 3.2 | Pipe Sleeves installed as per drawing? | 7A8.1.2 (SBC 1101) | ${Check153\_1} | ${Check153\_2} | ${Check153\_3} |
| **4** | **STEEL REINFORCEMENT** |  |  |  |  |
| 4.1 | Are the steel reinforcement diameter, number, and direction executed as per the construction drawing? | 7A3.3 (SBC 1101) 7A7.2.1 (SBC 1101) 7A7.2.2 (SBC 1101) | ${Check154\_1} | ${Check154\_2} | ${Check154\_3} |
| 4.2 | Required clearance of steel from forms provided. |  | ${Check155\_1} | ${Check155\_2} | ${Check155\_3} |
| 4.3 | Length of splices and staggered splices as required. | 7A6.5.1 (SBC 1101) | ${Check156\_1} | ${Check156\_2} | ${Check156\_3} |
| 4.4 | Bends within radius and tolerance are uniformly made. | 7A4.2 (SBC 1101) Table 7A-2 (SBC 1101) | ${Check157\_1} | ${Check157\_2} | ${Check157\_3} |
| 4.5 | Bars cleaned of materials that affect bond. |  | ${Check158\_1} | ${Check158\_2} | ${Check158\_3} |
| 4.6 | Bars tied and supported to avoid displacement |  | ${Check159\_1} | ${Check159\_2} | ${Check159\_3} |
| 4.7 | Spacers, tie wires, chairs as required. |  | ${Check160\_1} | ${Check160\_2} | ${Check160\_3} |
| 4.8 | Adequate clearance provided for deposit of concrete. |  | ${Check162\_1} | ${Check162\_2} | ${Check162\_3} |
| 4.9 | No bent bars and tension members installed except where approved. |  | ${Check163\_1} | ${Check163\_2} | ${Check163\_3} |
| **Note**:  Sampling percentage of 20% of the Foundations  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***

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| ${Image3}  ${Image3Desc} |

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

* Provide comments that describe the site’s risks and observations.
* Provide comments that describe the site’s risks and observations.

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

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| ${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**

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| ${Summary} |

**“End of the report”**