TIS Visit

**Inspection Report - Slabs**

**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: Slab - ${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}** |

**Slab Inspection**

***Inspection Checklist***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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.)? |  | ${Check210\_1} | ${Check210\_2} | ${Check210\_3} |
| **1.2** | During the inspection was the technical reserves in the RD0 maintained? |  | ${Check211\_1} | ${Check211\_2} | ${Check211\_3} |
| **1.3** | During the inspection is the site ready for the TIS Visit? |  | ${Check238\_1} | ${Check238\_2} | ${Check238\_3} |
| **1.4** | Are there any defects in the execution of the structural element inspected that can affect the building’s stability? |  | ${Check248\_1} | ${Check248\_2} | ${Check248\_3} |
| **3** | **FORMWORK** |  |  |  |  |
| 3.1 | Joints properly tied and sealed | 4.2.1.1 (SBC 302) 4.2.1.2 (SBC 302) | ${Check100\_1} | ${Check100\_2} | ${Check100\_3} |
| 3.2 | 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) | ${Check101\_1} | ${Check101\_2} | ${Check101\_3} |
| 3.3 | Is the formwork assembly stable, even when exposed to different load combination? | 2.1.3.1 (SBC 302) 4.6.1.3 (SBC 302) | ${Check102\_1} | ${Check102\_2} | ${Check102\_3} |
| 3.4 | Concrete cover maintained as per approved drawings? | Table 20.6.1.3.1 (SBC 304) | ${Check106\_1} | ${Check106\_2} | ${Check106\_3} |
| **3** | **EMBEDDED ITEMS** |  |  |  |  |
| 3.1 | Water - stop as per drawing? | 2.1.5.4 (SBC 302) | ${Check108\_1} | ${Check108\_2} | ${Check108\_3} |
| 3.2 | Pipe Sleeves installed as per drawing? | 7A8.1.2 (SBC 1101) | ${Check110\_1} | ${Check110\_2} | ${Check110\_3} |
| **4** | **STEEL REINFORCEMENT** |  |  |  |  |
| 4.1 | Are the steel reinforcement diameter, number, and direction executed as per the construction drawing? | 508.2.1 (SBC 1101) 7A3.1 (SBC 1101) 7A3.2 (SBC 1101) | ${Check111\_1} | ${Check111\_2} | ${Check111\_3} |
| 4.2 | Required clearance of steel from forms provided? |  | ${Check112\_1} | ${Check112\_2} | ${Check112\_3} |
| 4.3 | Length of splices and staggered splices as required? | 7A6.1.1 (SBC 1101) 7A6.1.2 (SBC 1101) 7A6.2.1 (SBC 1101) Table 7A-7 (SBC 1011) | ${Check113\_1} | ${Check113\_2} | ${Check113\_3} |
| 4.4 | Bends within radii and tolerance are uniformly made? | 7A4.2 (SBC 1011) Table 7A-2 (SBC 1011) | ${Check115\_1} | ${Check115\_2} | ${Check115\_3} |
| 4.5 | |  |  | | --- | --- | | Bars cleaned of materials that affect bond? |  | |  | ${Check116\_1} | ${Check116\_2} | ${Check116\_3} |
| 4.6 | Bars tied and supported to avoid displacement? |  | ${Check117\_1} | ${Check117\_2} | ${Check117\_3} |
| 4.7 | Spacers, tie wires, chairs as required? |  | ${Check118\_1} | ${Check118\_2} | ${Check118\_3} |
| 4.8 | No conduit or pipe placed below rebar material except where approved? | 7A8.1.2 (SBC 1101) 7A8.7.1 (SBC 1101) 7A8.7.2 (SBC 1101) 7A8.7.3 (SBC1101) 7A8.7.4 (SBC 1101) 7A8.7.5 (SBC 1101) 7A8.7.6 (SBC 1101) 7A8.8.1 (SBC 1101) 7A8.8.2 (SBC 1101) 7A8.9.1 (SBC 1101) 7A8.10.1 (SBC 1101) | ${Check119\_1} | ${Check119\_2} | ${Check119\_3} |
| 4.9 | Adequate clearance provided for deposit of concrete? |  | ${Check120\_1} | ${Check120\_2} | ${Check120\_3} |
| 4.10 | No bent bars and tension members installed except where approved? |  | ${Check121\_1} | ${Check121\_2} | ${Check121\_3} |
| 4.11 | Additional bars at intersections, openings, and corners provided? |  | ${Check244\_1} | ${Check244\_2} | ${Check244\_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 | | | | | |

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| ${Image3}  ${Image3Desc} |

***Project Photos***

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| ${Image4}  ${Image4Desc} |

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| ${Image5}  ${Image5Desc} |

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| ${Image6}  ${Image6Desc} |

***Summar***

**Inspection results**

**${Check1} Approved.**

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

**${Check4} Approved, Technical reservation.**

**${Check3} 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”**