WATERPROOFNESS FINAL REPORT

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| **DOCUMENT REFERENCE: ${ReferenceNo}** | | **TIS AGENCY: CPV ARABIA** | |
| **VERSION: 00** | | **DATE OF ISSUE: ${issue\_date}** | |
| **RESPONSIBLE EXPERTS** | | | |
| **SURNAME, NAME** | **PHASE** | **DEGREE** | **SPECIALITY** |
| **Adel, Khaled** | **N/A** | **Civil Engineering** | **Civil Engineer** |
| **AUTOR of THIS REPORT:** ${curusername}  **PHONE NUMBER:** ${Mobile}  **EMAIL:** ${Email} | | | |

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| **I – PROJECT INFORMATION** |
| **PROJECT TITLE (NAME):** ${OCCUPATION}  **ADDRESS OF THE PREMISES:** ${ADDRESS}  **REFERENCE RD0:** ${ReferenceNo}  **PRINCIPAL/OWNER:** ${OWNER}  **BUILDINGS INCLUDED IN THE PROJECT AND ITS USE:**  ${B148}  ${B149} |
| **II – WATERPROOFING WORKS CONCERNED** |
| **PLEASE INDICATE THE WATERPROOFING WORKS CONCERNED:**  **ROOFS *– please complete ANNEX 1***  **FACADES *– please complete ANNEX 2***  ${W3} **BASEMENTS *– please complete ANNEX 3*** |

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| **III – DATES CONTROL** | |
| **III.1. Occupancy** | **Date of Occupancy Certificate:** ${RD6StageDate}  **Expected**  **Confirmed** |
| **III.2. WP Controls** | **Dates of site visit/s:**   |  |  |  |  | | --- | --- | --- | --- | | **Visit Reference** | **Date** | **Site inspector** | **Inspected part of the works** | | |  | | --- | | ${INSVisit} | | |  | | --- | | ${INSDate} | | |  | | --- | | ${INSInspector} | | |  | | --- | | ${INSType} | | |

ANNEX 1 - WATERPROOFING OF ROOFS

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| **TYPE OF ROOFS:**    ${Q1143} **ROOF**  **ROOFTOP TERRACE**  **INTERMEDIATE TERRACE**  **PATIOS**  **OTHER:** ${roofRd0}  *Please complete a single annexe per roof concerned.* |
| **I –WORKS DESCRIPTION** |
| **I.1. Please describe the roof concerned by this annex (type, materials, layers, slope, manufacturer, thickness, location in the building, the junctions of the waterproofing system with other elements):**  ${B345}  ${B345i}  **I.2. Does the WP system include innovative technique, procedure, or materials?** ${Q1148\_YES} **YES** ${Q1148\_NO} **NO**  *If YES, please describe them below including the reference to the RD2 report.*  ${Q1148}  ${B1122} |
| **II – MATERIALS OF THE WATERPROOFING SYSTEM** |
| Please answer the questions in every section and list the available documents with your comments:   1. **Delivery Orders - Material certificates**   **Are waterproofing materials delivery orders and/or certificates available?**  **YES**  **NO**  **Are the waterproofing materials used compliant with the design?** ${Q1149\_YES} **YES** ${Q1149\_NO} **NO**  **Reviewed documents:**  **1.** Architectural Plan  **2.** RD0 Report  **3.** Waterproofing Roof Warranty  **4.** RD6 Report  **5.** Waterproofing Site Visit Report |

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| 1. **Tests and quality control reports**   **Is the water ponding test report available?** ${Da445\_YES}**YES** ${Da445\_NO}**NO**  **Reviewed documents:**  **1.** Waterproofing Site Visit Report  **2.** Waterproofing Warranty  **3.** RD6 Report   1. **Other Reviewed documents:**   **1.** ${ORD1}  **2.**  **3.** |
| **III – MODIFICATIONS REGARDING RD0** |
| |  |  | | --- | --- | | **Was there any modification of the waterproofing system of the roofs, after issuing the RD0 report?** | ${Q1150\_YES} **YES** ${Q1150\_NO} **NO** |      |  |  | | --- | --- | | **If YES, was there a validation of the modification/s (design/calculi)?** | ${Q1151\_YES} **YES** ${Q1151\_NO} **NO** | | *If YES, please attach the justification by the project manager.* |  | | **Does the TIS find acceptable the modification (including the justification by project manager)?** | ${Q1152\_YES} **YES** ${Q1152\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1152Answer} |  | | **Is the execution satisfactory?** | ${Q1153\_YES} **YES** ${Q1153\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1153Answer} |  | |
| **IV – ROOF WATERPROOFING TESTS** |
| |  |  | | --- | --- | | **Did you observe any defect or sign of damage regarding water roof infiltration?** | ${Da426\_YES} **YES** ${Da426\_NO} **NO** |   *If YES, please issue a technical reservation. Ref.:* |

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| **V – LIST OF THECHNICAL RESERVATIONS ISSUED** |
| |  |  |  | | --- | --- | --- | | **Technical reservations issued and closed:** ${**Z2**\_YES} **YES** ${**Z2**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Closing certificate (reference/date)** | | |  | | --- | | ${**Conceptfc**} | | |  | | --- | | ${**Issuingdatefc**} | | |  | | --- | | ${**Closingfc**} | |  |  |  |  | | --- | --- | --- | | **Technical reservations issued not closed:** ${**Z3**\_YES} **YES** ${**Z3**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Expected date of closing or “FINAL”** | | |  | | --- | | ${**Conceptf**} | | |  | | --- | | ${**Issuingdatef**} | | |  | | --- | | ${**FINALf**} | | |
| **VI – FINAL CONCLUSION (DESIGN + EXECUTION)** |
| |  |  | | --- | --- | | **IS THE EXECUTION OF WORKS ADAPTED TO THE PROJECT? INCLUDING THE EVENTUAL MODIFICATIONS?** | ${**Z4**\_YES} **YES** ${**Z4**\_NO}  **NO** |   ***Please expose and developpe your answer above in detail.*** |

ANNEX 2 - WATERPROOFING OF FAÇADE

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| **TYPE OF** **FAÇADE:**  ${COM} **CONCRETE OR MASONRY**  ${CLD} **LADDING**  ${CUR} **CURTAIN WALL**  **OTHER:**  *Please complete a single annexe per type of façade concerned.* |
| **I –WORKS DESCRIPTION** |
| **I.1. Please describe the façade concerned by this annex (type, materials, layers, slope, location in the building, manufacturer, the junctions of the waterproofing system with other elements):**  ${Q1159}  ${B1158}  **I.2. Does the WP system include innovative technique, procedure, or materials?** ${Q1160\_YES} **YES** ${Q1160\_NO} **NO**    *If YES, please describe them below including the reference to the RD2 report.*  ${Q1160}  ${B1124} |
| **II – MATERIALS OF THE WATERPROOFING SYSTEM** |
| Please answer the questions in every section and list the available documents with your comments:   1. **Delivery Orders - Material certificates**   **Are waterproofing materials delivery orders and/or certificates available?**   **YES**  **NO**  **Are the waterproofing materials used compliant with the design?** ${Da433\_YES} **YES** ${Da433\_NO} **NO**  **Reviewed documents:**  **1.** Architectural Plan  **2.** RD0 Report  **3.**  **4.** |

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| 1. **Tests and quality control reports**   **Is the water ponding test report available?** ${Zw5\_YES} **YES** ${Zw5\_NO} **NO**  **Reviewed documents:**  **1.** Waterproofing Envelope Assessment Report  **2.**  **3.**  **4.**   1. **Other Reviewed documents:**   **1.** ${ORD2}  **2.**  **3.**  **4.** |
| **III – MODIFICATIONS** |
| |  |  | | --- | --- | | **Was there any modification of the waterproofing system of the facade, after issuing the RD0 report?** | ${Q1163\_YES} **YES** ${Q1163\_NO} **NO** |      |  |  | | --- | --- | | **If YES, was there a validation of the modification/s (design/calculi)?** | ${Q1164\_YES} **YES** ${Q1164\_NO} **NO** | | *If YES, please attach the justification by the project manager.* |  | | **Does the TIS find acceptable the modification (including the justification by project manager)?** | ${Q1165\_YES} **YES** ${Q1165\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1165Answer} |  | | **Is the execution satisfactory?** | ${Q1166\_YES} **YES** ${Q1166\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1166Answer} |  | |
| **IV – DEFECTS OBSERVED** |
| |  |  | | --- | --- | | **Did you observe any defect or sign of damage regarding water infiltration on the façade, including junctions?** | ${Da435\_YES} **YES** ${Da435\_NO} **NO** |   *If YES, please issue a technical reservation. Ref.:*  *Describe it briefly:* |

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| **V – LIST OF THECHNICAL RESERVATIONS ISSUED** |
| |  |  |  | | --- | --- | --- | | **Technical reservations issued and closed:** ${**Zw2**\_YES} **YES** ${**Zw2**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Closing certificate (reference/date)** | | |  | | --- | | ${**Conceptwc**} | | |  | | --- | | ${**Issuingdatewc**} | | |  | | --- | | ${**Closingwc**} | |  |  |  |  | | --- | --- | --- | | **Technical reservations issued not closed:** ${**Zw3**\_YES} **YES** ${**Zw3**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Expected date of closing or “FINAL”** | | |  | | --- | | ${**Conceptw**} | | |  | | --- | | ${**Issuingdatew**} | | |  | | --- | | ${**FINALw**} | | |
| **VI – FINAL CONCLUSION (DESIGN + EXECUTION)** |
| |  |  | | --- | --- | | **IS THE EXECUTION OF WORKS ADAPTED TO THE PROJECT? INCLUDING THE EVENTUAL MODIFICATIONS?** | ${**Zw4**\_YES} **YES** ${**Zw4**\_NO} **NO** |   ***Please expose and developpe your answer above in detail.*** |

ANNEX 3 - WATERPROOFING OF BASEMENT

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| **I –WORKS DESCRIPTION** |
| **I.1. Please describe the basement concerned by this annex (type, materials, layers, slope, location in the building, the junctions of the waterproofing system with other elements, manufacturer):**  ${Q1169}  ${B1168}  **I.2. Does the WP system include innovative technique, procedure, or materials?** ${Q1171\_YES} **YES** ${Q1171\_NO} **NO**  *If YES, please describe them below including the reference to the RD2 report.*  ${Q1171}  ${B1126} |
| **II – MATERIALS OF THE WATERPROOFING SYSTEM** |
| Please answer the questions in every section and list the available documents with your comments:   1. **Delivery Orders - Material certificates**   **Are waterproofing materials delivery orders and/or certificates available?**   **YES**  **NO**  **Are the waterproofing materials used compliant with the design?** ${Da441\_YES} **YES** ${Da441\_NO} **NO**  **Reviewed documents:**  **1.**  **2.**  **3.**  **4.**   1. **Tests and quality control reports**   **Is the water ponding test report available?** ${Zb5\_YES} **YES** ${Zb5\_NO} **NO**  **Reviewed documents:**  **1.**  **2.**  **3.**  **4.**   1. **Oher Reviewed documents:**   **1.** ${ORD3}  **2.**  **3.**  **4.** |

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| **III – MODIFICATIONS** |
| |  |  | | --- | --- | | **Was there any modification of the waterproofing system of the basement, after issuing the RD0 report?** | ${Q1173\_YES} **YES** ${Q1173\_NO} **NO** |      |  |  | | --- | --- | | **If YES, was there a validation of the modification/s (design/calculi)?** | ${Q1174\_YES} **YES** ${Q1174\_NO} **NO** | | *If YES, please attach the justification by the project manager.* |  | | **Does the TIS find acceptable the modification (including the justification by project manager)?** | ${Q1175\_YES} **YES** ${Q1175\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1175Answer} |  | | **Is the execution satisfactory?** | ${Q1176\_YES} **YES** ${Q1176\_NO} **NO** | | *If NO, please issue a technical reservation. Ref.:* ${Q1176Answer} |  | |
| **IV – DEFECTS OBSERVED** |
| |  |  | | --- | --- | | **Did you observe any defect or sign of damage regarding water infiltration in the basement, including junctions?** | ${Da443\_YES} **YES** ${Da443\_NO} **NO** |   *If YES, please issue a technical reservation. Ref.:*  *Describe it briefly:* |
| **V – LIST OF THECHNICAL RESERVATIONS ISSUED** |
| |  |  |  | | --- | --- | --- | | **Technical reservations issued and closed:** ${**Zb2**\_YES} **YES** ${**Zb2**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Closing certificate (reference/date)** | | |  | | --- | | ${**Closingwc**} | | |  | | --- | | ${**Issuingdatewc**} | | |  | | --- | | ${**Conceptwc**} | |  |  |  |  | | --- | --- | --- | | **Technical reservations issued not closed:** ${**Zb3**\_YES} **YES** ${**Zb3**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Expected date of closing or “FINAL”** | | |  | | --- | | ${**Conceptw**} | | |  | | --- | | ${**Issuingdatew**} | | |  | | --- | | ${**FINALw**} | | |

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| **VI – FINAL CONCLUSION (DESIGN + EXECUTION)** |
| |  |  | | --- | --- | | **IS THE EXECUTION OF WORKS ADAPTED TO THE PROJECT? INCLUDING THE EVENTUAL MODIFICATIONS?** | ${**Zb4**\_YES}  **YES** ${**Zb4**\_NO}  **NO** |   ***Please expose and developpe your answer above in detail.*** |

**Made in** (CITY)**,** (DATE)

**Technical Assistant to the engineer or Project Professional**

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| **Inspection Engineer** | **Design Department Manger** | **Area Inspection Moderator** |
| ${B471} | **A black circle with a circle in the middle  Description automatically generated** | ${B472} |
| ${curusername} | Mahmoud El-Masry | ${curusernameAR} |
|  |  |  |
| **Inspection Department Manger** |  | **Quality Control Manager** |
| A blue line drawn on a white surface  Description automatically generated |  | ${B473} |
| Khaled Adel |  | ${curusernameQC} |

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| **Please list below any defect and disorder not repaired at the date of issuing of this report not being a technical reservation.** |
| **IV – LIST OF THECHNICAL RESERVATIONS NOT CLOSED** |
| |  |  |  | | --- | --- | --- | | **Technical reservations issued not closed at the date of issuing of the present report:** ${**All**\_YES} **YES** ${**All**\_NO} **NO** | | | | **Concept** | **Issuing certificate (reference/date)** | **Expected date of closing or “FINAL”** | | |  | | --- | | ${**ConceptA**} | | |  | | --- | | ${**IssuingdateA**} | | |  | | --- | | ${**FINALA**} | | |