APPENDICES

APPENDIX 1

Table A.1.1 Number of specimens cast (without superplasticiser) and tested

<table>
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<th>Age in days</th>
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M15 OPC:
- Fine:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): -
  - Thromboplastic study (cube): -
  - Permeability study (cube): -
- Medium:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): -
  - Thromboplastic study (cube): -
  - Permeability study (cube): -
- Coarse:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): -
  - Thromboplastic study (cube): -
  - Permeability study (cube): -

M20:
- OPC:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): 33
  - Thromboplastic study (cube): 33
  - Permeability study (cube): 33
- PPC:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): 33
  - Thromboplastic study (cube): 33
  - Permeability study (cube): 33

M25:
- OPC:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): 33
  - Thromboplastic study (cube): 33
  - Permeability study (cube): 33
- PPC:
  - Compressive strength (cube): 33
  - Tensile strength (Cylinder): 33
  - Flexural strength (Plain beam): 33
  - Temperature study (cube): 33
  - Thromboplastic study (cube): 33
  - Permeability study (cube): 33

| Total | 231 | 231 | 231 | 132 | 132 | 132 | 132 |
Table A.1.2 Number of specimens cast (with superplasticiser) and tested

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Table A.2  Statistical analysis of compressive strength of M15 concrete (coarse quarry dust) using OPC at 7 days

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<th>Standard deviation</th>
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Table A.7  Statistical analysis of compressive strength of M15 concrete (fine quarry dust) using OPC at 28 days

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Table A.10  Statistical analysis of compressive strength of M20 concrete using OPC at 28 days

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Table A.12  Statistical analysis of compressive strength of M25 concrete using OPC at 7 days

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Table A.15  Statistical analysis of compressive strength of M25 concrete using PPC at 28 days

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Table A.16  Statistical analysis of compressive strength of M20 concrete using OPC due to temperature effect

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Table A.17  Statistical analysis of compressive strength of M20 concrete using PPC due to temperature effect

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Table A.18  Statistical analysis of compressive strength of M25 concrete using OPC due to temperature effect

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Table A.19  Statistical analysis of compressive strength of M25 concrete using PPC due to temperature effect

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Table A.21  Statistical analysis of compressive strength of M20 concrete using PPC due to thermoshock

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### Table A.22  Statistical analysis of compressive strength of M25 concrete using OPC due to thermoshock

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Table A.23  Statistical analysis of compressive strength of M25 concrete using PPC due to thermoshock

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