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LIST OF SYMBOLS AND ABBREVIATIONS

A/C	-	Aggregate – Cement Ratio
CCAA	-	Cement concrete and Aggregate Australia
CM	-	Cement mortar
f_{ck}	-	Compressive strength of the concrete
C.A	-	Course Aggregate
δ_y	-	Deflection at first yield
μ	-	Ductility factor
EDS	-	Energy Dispersive Spectroscopy
F.A	-	Fine Aggregate
f_r	-	Flexural strength of the concrete
HPC	-	High Performance Concrete
HSC	-	High Strength Concrete
HSI	-	Horizontal Shaft Impact
IS	-	Indian standard
ICAR	-	International Centre for Aggregate Research
LVDT	-	Linear Variable Differential Transducer
MS	-	Manufactured sand
MFA	-	Manufactures Five Aggregate
MB	-	Methylene Blue
M	-	molar
NS	-	Natural sand
N	-	Newton
RCPT	-	Rapid Chloride Permeability Test
R.C	-	Reinforced Concrete
SQS	-	Sand Quarry Sand

SEM	-	Scanning Electron Microscopy
NaCl	-	Sodium chloride
SSA	-	Specific Surface Area
f_t	-	Splitting tensile strength of the concrete
SD	-	Stone Dust
δ_u	-	Ultimate deflection
VSI	-	Vertical Shaft Impact
V	-	voltage
w/c	-	Water – cement ratio
XRD	-	X-Ray Diffraction