

PARTICULAR SPECIFICATION
APPENDIX J
SCHEDULE OF ABBREVIATIONS

LIST OF ACRONYMS/ABBREVIATIONS

ABM	-	As-built Model
ABAM	-	As-built Assets Model
AC	-	Accredited Checker
AGS	-	Association of Geotechnical and Geo-environment Specialist
AID	-	Automatic Incident Detection
AIP	-	Approval In-principle
AVMS	-	Arterial Variable Message Sign
BCA	-	Building and Construction Authority
BS	-	British Standards
BSI	-	British Standards Institution
CCTV	-	Closed Circuit Television Cameras
CCSM	-	Combined Coordinated Services Model
CD	-	Civil Defence
CDC	-	Civil Design Criteria
CEN	-	Comité Européen de Normalisation (European Committee for Standardization)
CIP	-	Coordinated Installation Programme
Civil CSS	-	Civil Concept Safety Submission
CPRP	-	Code of Practice for Railway Protection
CR15	-	Cross Island Line King Albert Park Station
CR14	-	Cross Island Line Turf City Station
CR16	-	Cross Island Line Maju Station
CR17	-	Cross Island Line Clementi Station
CR18	-	Cross Island Line West Coast Station
CR19	-	Cross Island Line Jurong Lake District Station
CRL1	-	Cross Island Line Phase 1
CRL2	-	Cross Island Line Phase 2
CS	-	Cripple Siding
CSC	-	Certificate of Statutory Completion
CSD	-	Combined Services Drawings
Civil CNSS	-	Civil Construction Safety Submission
Civil DSS	-	Civil Design Safety Submission
Civil HSS	-	Civil Handover Safety Submission
CWW	-	Completion of the Whole of the Works
DB	-	Distribution Box
DBC	-	Development and Building Control
DFS	-	Design Supply Fix
DMS	-	Document Management System
DSTA	-	Defence Science Technology Agency

EC	-	Eurocode
ECM	-	Earth Control Measures
ECS	-	Environmental Control System
EIS	-	Environmental Impact Study
EMAS	-	Expressway Monitoring and Advisory System
EMC	-	Electromagnetic Compatibility
EMMP	-	Environmental Mitigation and Monitoring Plans
EN	-	Norme Européenne (European Standard)
ENV	-	Ministry of Environment
E&M	-	Electrical and Mechanical
MEWR	-	Ministry of the Environment and Water Resources
EPB	-	Equipotential Bonding
ERP	-	Electronic Road Pricing
ERSS	-	Earth Retaining or Stabilizing Structure
ES	-	Electrical Services
EVMS	-	Entrance Variable Message Sign
EW23	-	East West Line Clementi Station
EWL	-	East West Line
FPA	-	Final Planning Approval
FPS	-	Fire Protection System
FSC	-	Fire Safety Certificate
FSSD	-	Fire Safety & Shelter Department
FUI	-	Rapid Transit System Future Underground Infrastructure
GDR	-	Geotechnical Design Report
GIBR	-	Geotechnical Interpretative Baseline Report
GIR	-	Ground Investigation Report
GLS	-	Government Land Sales
GS	-	General Specification
HDB	-	Housing and Development Board
HV	-	High Voltage
JNH	-	Jamiyah Nursing Home
ISCS	-	Integrated Supervisory Control System
ISO	-	International Organization for Standardization
ITB	-	Interface Terminal Box
ITPMS	-	Integrated Traffic and Plant Management System
LAN	-	Local Area Network
LEW	-	Licensed Electrical Worker
LTA	-	Land Transport Authority
LTA ADC	-	Land Transport Authority Architectural Design

Criteria

LTA CDC	-	Land Transport Authority Civil Design Criteria for Road & Rail Transit Systems
LTA IDC	-	Land Transport Authority Infrastructure Design Criteria
LTA M&W	-	Land Transport Authority Materials and Workmanship Specification for Civil & Structural Works
LUS	-	Lane Use Signal
M&E	-	Mechanical and Electrical
M&W	-	Materials and Workmanship
MINDEF	-	Ministry of Defence
MOE	-	Ministry of Education
MOM	-	Ministry of Manpower
MPC	-	Master Planning Committee
MTBM	-	Micro Tunnel Boring Machine
MVMS	-	Multi Variable Message Signs
NEA	-	National Environment Agency
NParks	-	National Parks Board
OPC	-	Ordinary Portland Cement
PD	-	Published Document
PE	-	Professional Engineer
PE(Geo)	-	Professional Engineer (Geotechnical)
POB	-	Pedestrian Overhead Bridge
PRO	-	Public Relations Officer
PS	-	Particular Specification
PSC	-	Passenger Service Centre
PSD	-	Platform Screen Doors
PTO	-	Public Transport Operators
PTS	-	Public Transport Security
PUB	-	Public Utilities Board
QECF	-	Qualified Erosion Control Professional
QP	-	Qualified Person
QP(D)	-	Qualified Person (Design)
QP(ERSS)	-	Qualified Person (Earth Retaining or Stabilizing Structures)
QP(S)	-	Qualified Person (Supervision)
RTS	-	Rapid Transit System

SCDF	-	Singapore Civil Defence Force
SEC	-	Speed Enforcement Cameras
SEM	-	Structural Electrical and Mechanical
SHE	-	Safety, Health and Environment
SHEMS	-	Safety, Health and Environment Management Safety
SLA	-	Singapore Land Authority
SPRING	-	Standards, Productivity and Innovation Board
SPPG	-	Singapore Power PowerGrid
SPPA	-	Singapore Power PowerAssets
SS	-	Singapore Standard
SWC	-	System-wide Contractors
TBM	-	Tunnel Boring Machine
TBF	-	Tunnel Booster Fan
TEMS	-	Tunnelling and Excavation Monitoring System
TFP	-	Temporary Fire Permit
TIA	-	Traffic Impact Assessment
TID	-	Traffic Information Display
TIDS	-	Traffic Information Display Signs
TOL	-	Temporary Occupation License
TOP	-	Temporary Occupation Permit
TRIP	-	Track Related Installation Programme
TRK	-	Trackwork Contractor
TW	-	Trackwork Contractor
TVS	-	Tunnel Ventilation System and/or LTA Tunnel Ventilation System designer
VSS	-	Video Surveillance System
URA	-	Urban Redevelopment Authority
WAN	-	Wide Area Network
FMLM	-	First Mile Last Mile