

APPENDIX 2.2D CLASSIFICATION OF ASSIGNMENT COMPLEXITY

	Complex Assignments	Normal Complexity Assignments
Civil Infrastructure & Development (CE)	<ul style="list-style-type: none"> ● Major civil infrastructures including <ul style="list-style-type: none"> ◆ transport networks and structures; ◆ boundary control point; ◆ site formation works; ◆ port works/ reclamations; ◆ construction and demolition material handling facilities; and ◆ related ancillary works ● Feasibility Study / Planning & Engineering Study for major developments requiring multi-disciplinary inputs / full consideration of interfacing / environmental and cultural heritage issues 	<ul style="list-style-type: none"> ● Minor civil infrastructures including <ul style="list-style-type: none"> ◆ local road networks and structures; ◆ uplifting / beautification / revitalization works and cycle track construction with lesser site constraints / technical difficulties; ◆ site formation works with lesser site constraints / technical difficulties; ◆ port works with lesser site constraints / technical difficulties; and ◆ related ancillary works ● Feasibility Study for minor development projects
Drainage and Sewerage (DS)	<ul style="list-style-type: none"> ● Drainage and sewerage projects involving sewage treatment works, major pumping stations, caverns, tunneling works, major trenchless works, major dry weather flow interceptors, retention/detention facilities, eco-hydraulics/river revitalization, major sustainable drainage system, or requiring multi-disciplinary inputs ● Drainage / sewerage master plan study ● Designated projects under EIA Ordinance ● Feasibility study 	<ul style="list-style-type: none"> ● General drainage and sewerage projects such as pipe laying works, village sewerage not involving EIA study and/or sewage treatment works
Geotechnical & Slope (GE)	<ul style="list-style-type: none"> ● Natural Terrain Hazard Study / Mitigation ● Tunnel and Cavern ● Underground Development ● Landslide Investigation ● Development of new standards ● Mines & Quarries 	<ul style="list-style-type: none"> ● Upgrading of man-made slopes ● Management and Operation of Public Works Regional Laboratories ● Slope Safety Screening ● Maintenance of man-made slopes

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Waterworks (WS)	<ul style="list-style-type: none"> ● Review on water supply strategy including topics on assessment on rainfall yield, water gathering ground, utilization of various water supply sources, water demand forecast. ● Projects involving major and intelligent water supply network including raw water supply from Dongjiang, interconnection of water treatment works supply zones, strategic planning of Pressure Management Areas (PMA) and District Management Areas (DMA) ● Water treatment facilities adopting advanced and contemporary processes such as seawater desalination plant, ozone and UV disinfection. ● Safety review of impounding reservoirs and large service reservoirs ● Consultancy studies and services involving cavern formation 	<ul style="list-style-type: none"> ● Design and laying of water mains for local supply zones ● Pumping stations and service reservoirs ● Improvement to catch water system ● Safety review of service reservoirs
Roads & Associated Structures (HY)	<ul style="list-style-type: none"> ● Major road networks, including expressway, trunk road, primary distributor road or district distributor road ● Significant highway structures, including tunnel, flyover, subway, railway bridge and noise barriers/enclosures spanning over carriageway ● Designated projects under EIA Ordinance ● Feasibility study 	<ul style="list-style-type: none"> ● Minor road network, including local road and rural road ● Noise barriers not spanning over carriageway ● Simple highway structures, including bridge and subway without geometric, geotechnical or hydraulic complications
Electrical & Mechanical (EM)	<ul style="list-style-type: none"> ● Major E & M projects ● Complex projects involve input from professionals of multi-discipline ● Projects that require new or special equipment, installation or design input 	<ul style="list-style-type: none"> ● Ordinary E & M design projects ● Normal E & M equipment replacement or improvement projects ● Ordinary projects involve professionals of not more than 3 disciplines
Environmental (EP)	<ul style="list-style-type: none"> ● Territory-wide planning studies e.g. 	<ul style="list-style-type: none"> ● Scientific / technical or engineering

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	<p>master plan of infrastructure</p> <ul style="list-style-type: none"> ● Strategic / regional environmental facilities e.g. landfill, RTS, waste treatment facility ● Pilot study involving works on environmental facilities ● Scientific / technical or engineering studies / projects require multi-disciplinary inputs ● Strategic / regional / large scale project-based environmental monitoring and audit / impact assessment ● Pilot specialist researches / projects 	<p>studies / projects not involving multi-disciplinary input</p> <ul style="list-style-type: none"> ● Small scale project-based / local environmental monitoring and audit / impact assessment ● Local / community environmental facilities e.g. AQMS, CGS
Town Planning (TP)	<ul style="list-style-type: none"> ● Regional/territorial studies ● Planning & engineering studies ● Special topical planning/urban design study ● Planning studies involving multi-disciplines 	<ul style="list-style-type: none"> ● Straightforward planning studies ● Site specific/area or district-based land use/urban design and landscaping/planning/review or conceptual studies not involving multi-disciplines
Traffic & Transport (TT)	<ul style="list-style-type: none"> ● Major traffic study and transport planning involving traffic impact assessment (requiring the application of transport model) ● Traffic/ transport related Feasibility Study ● Area Traffic Control and CCTV works ● Intelligent Transport Systems ● Large Scale Traffic Surveys such as Annual Traffic Census & Travel Characteristic Survey 	<ul style="list-style-type: none"> ● Minor traffic study and transport planning involving traffic review or traffic impact assessment (not requiring the application of transport model) ● Minor scale of traffic / public transport/ parking surveys, etc. ● Cycle tracks and cycle parking facilities