

Record Sheets for Prescriptive Measures on Man-made Slope Features (Sheet 1 of 2)

Part A - Prescriptive Measures on Man-made Slope Features				
Slope Feature Ref. No. _____		Location (Address) _____		
Slope Feature Geometry		Qualifying Criteria		
Slope feature height: (m) Upslope gradient: (degrees) Slope part – Slope height: (m) Slope gradient: (degrees) Wall part – Wall height: (m)		1. Within consequence and geometry limits <input type="checkbox"/> Correct 2. Slope-forming material confirmed on site as acceptable <input type="checkbox"/> Correct 3. No adverse geological conditions <input type="checkbox"/> Correct 4. No adverse groundwater conditions <input type="checkbox"/> Correct		
Consequence Category		Records of Engineer Inspection		
Facility Group affected: 1 / 2 / 3 / 4 / 5 * Consequence-to-life Category: 1 / 2 / 3 * Economic Consequence Category: A / B / C *		Records of Engineer Inspection available: Yes / No * If Yes, dates of inspection: HKGS Geology Map Sheet No.:		
Records of Landslides				
Date of Landslide	Scar Height (m)	Failure Volume (m ³)	Principal Causes of Failure	Incident No.
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
Type of Improvement Works				
<input type="checkbox"/> Preventive maintenance works <input type="checkbox"/> Upgrading works <input type="checkbox"/> Repair works to landslides				
Types of Measures	Design Objectives	Prescriptive Measures Recommended		
<input type="checkbox"/> Type 1	<input type="checkbox"/> Improve surface protection <input type="checkbox"/> Improve surface drainage <input type="checkbox"/> Improve local stability	<input type="checkbox"/> 1.1 Surface cover for soil slopes <input type="checkbox"/> 1.2 Wire mesh/Face netting for rock slopes <input type="checkbox"/> 1.3 Surface protection for retaining walls <input type="checkbox"/> 1.4 Surface drainage channels <input type="checkbox"/> 1.5 Local trimming/filling <input type="checkbox"/> 1.6 Dentition		
<input type="checkbox"/> Type 2	<input type="checkbox"/> Improve subsurface drainage <input type="checkbox"/> Contingency subsurface drainage provisions	<input type="checkbox"/> 2.1 Raking drains <input type="checkbox"/> 2.2 Toe drains <input type="checkbox"/> 2.3 Counterfort drains <input type="checkbox"/> 2.4 Relief drains <input type="checkbox"/> 2.5 Drainage for hard surface cover <input type="checkbox"/> 2.6 No-fines concrete cover		
<input type="checkbox"/> Type 3	<input type="checkbox"/> Provide structural support	<input type="checkbox"/> 3.1 Soil nails for soil cut slopes (Range of ΔFOS: I ⁺ / I / II / III *) <input type="checkbox"/> 3.2 Soil nails for soil cut slopes with toe walls (Range of ΔFOS: I ⁺ / I / II / III *) <input type="checkbox"/> 3.3 Soil nails for concrete or masonry retaining walls ('existing' / 'new' * wall standard) <input type="checkbox"/> 3.4 Skin walls for masonry retaining walls <input type="checkbox"/> 3.5 Concrete buttresses for rock cut slopes <input type="checkbox"/> 3.6 Rock dowels for rock cut slopes		
<input type="checkbox"/> Others (please specify) _____		<input type="checkbox"/> Other measures (please specify) _____		
Attachments: <input type="checkbox"/> Site location plan <input type="checkbox"/> Photographs <input type="checkbox"/> Records of Engineer Inspections <input type="checkbox"/> Plan, sketches/drawings showing locations/layout/key dimensions of proposed prescriptive measures				
Designed by:	Signature:	Reviewed by:	Signature:	
Post:	Date:	Post:	Date:	

Record Sheets for Prescriptive Measures on Man-made Slope Features (Sheet 2 of 2)

Part B - Design Amendments and Site Inspection Records					
Design Amendments ⁽¹⁾	Reasons for Amendments	Designed by (name & post)	Signature (+ date)	Reviewed by (name & post)	Signature (+ date)
<p>Post-construction Review recommended: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, give actions to be taken (e.g. site inspections after heavy rainstorms to check adequacy of surface or subsurface drainage measures). _____</p> <p>_____</p>					
<p>Notes: (1) Sketches/drawings showing the design amendments should be attached.</p> <p>(2) Sketches, notes and photographs which record the observations made during site inspections prior to and during construction of prescriptive measures, as well as documentary evidence to verify that the slope feature satisfied the qualifying criteria, should also be attached. These should be marked clearly as 'Site Inspection Records'.</p>					
Works commenced on _____	Works completed on _____	Works certified by (Name & Post) _____		Signature and Date _____	