

TEMPORARY BARRIER DESIGN ASSIGNMENT MARKING GUIDE

Please note marks are for ease of marking rather than influencing the outcome.

Each design should be treated with all areas being vital as part of a full assessment.

(70% = Pass)

No.	Standard Required	Mark		Notes
		Possible	Given	
1	Location of temporary barrier system + name of student (1)	1		

1  0

TMP			Notes
2	TMP Relevant to proposed barrier system installation	4	

4  0

Site Layout			Notes
3	Clearly define the site layout and hazards	5	
	Provide a site layout sketch (suitable scale, dimensions, cross sections etc.)	10	

15  0

Design Review			
System Characteristics			Notes
Collect site information (traffic mix, posted speed, road alignments etc.)	5		
Determine the objectives of the barrier	5		
Determine the barrier to hazard clearance	5		

4	Determine the lateral offset of the barrier	5		
	Determine the containment level	5		
	Choose the barrier type	5		
	Determine the dynamic deflection, working width and check if working width fits the available space	10		
	Design access facilities and parking areas	10		

5	Design Characteristics			Notes	
	Determine points of need	10			
	Check minimum length is provided	5			
	Choose terminal end treatments	5			
	correct transitions	5			
			25	★ 0	

Intervention Programme				Notes	
6	Site validation and final design	5			
		5	★	0	

7 Other critical items influencing overall outcome **NO ADDITIONAL ISSUES**

TOTAL

0

Feedback