

CHECKLIST FOR CERTIFIED SURVEY PLANS ON STRUCTURE GAUGE CLEARANCE OF EQUIPMENT INSTALLED IN RAPID TRANSIT SYSTEM TUNNEL AND NOISE BARRIER INSTALLATION AT ELEVATED VIADUCT

SECTION I - PARTICULARS OF WORKS ¹			
Project Reference No.:			
Project Title:			
Description of Works:			
Submission Type: <i>(please check only 1 type)</i>			
<input type="checkbox"/> Equipment Installation in Rapid Transit System Tunnel			
<input type="checkbox"/> Noise Barrier Installation at Elevated Viaduct			
Date of tunnel/ viaduct/ topographical survey carried out: <i>(tunnel survey must be within a year from date of submission)</i>			
Date of submission:			
Drawing Number & Revision Number: <i>(indicate "-" if it is the first submission)</i>			
SECTION II - TO BE COMPLETED BY REGISTERED LAND SURVEYOR			
Note:			
1. Please "√" the checkbox accordingly. (All items listed below are mandatory)			
2. Please provide reasons in the "Remarks" column if otherwise.			
S/No	REQUIREMENTS	COMPLIED	REMARKS
A	Files are submitted in the following:		
A1	Softcopy in dwg/dgn format.	<input type="checkbox"/>	
A2	Softcopy filename must tally with drawing number indicated on plans.	<input type="checkbox"/>	
A3	Legible certified survey plans in PDF format.	<input type="checkbox"/>	
A4	Endorsement by Registered Surveyor in PDF format.	<input type="checkbox"/>	
A5	All data tabulations in Excel format	<input type="checkbox"/>	
B	The certified survey plans include the following:		
B1	Tunnel/ Viaduct survey carried out within a year	<input type="checkbox"/>	
B2	Topographical survey carried out with alignment of roads and building outline	<input type="checkbox"/>	
B3	Underground road tunnel and elevated flyover survey carried out within a year	<input type="checkbox"/>	

B4	MRT track alignment, cross track, lower track level, crown level and coordinates in table	<input type="checkbox"/>	
B5	MRT 1 st reserve line and coordinates in table	<input type="checkbox"/>	
B6	MRT station boundary (airspace/ land/ subterranean) and coordinates in table	<input type="checkbox"/>	
B7	Label and position of proposed equipment and tabulation of coordinates.	<input type="checkbox"/>	
B8	Cross-section to be perpendicular to MRT track alignment	<input type="checkbox"/>	
B9	Horizontal and vertical clearances to structure gauge	<input type="checkbox"/>	
B10	Tabulated information with horizontal and vertical clearances to structure gauge	<input type="checkbox"/>	
B11	Indicate lot numbers		
B12	Indicate scale of the plans/diagrams	<input type="checkbox"/>	
B13	Detail dimensions of equipment to be installed in tunnel	<input type="checkbox"/>	
B14	Professional Engineer's endorsement on the detail dimensions of equipment	<input type="checkbox"/>	
B15	Tabulated information on tunnel geometry survey	<input type="checkbox"/>	

SECTION III - TO BE COMPLETED BY REGISTERED LAND SURVEYOR

I am the appointed Registered Surveyor and I confirm that I have prepared the plans complying to the above mentioned.

<p>Name, Signature & Stamp of Registered Surveyor</p> <p>Date:</p>	<p>Company and Address of Registered Surveyor:</p> <p>Date:</p>
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