



## Site Lab Checklist

<b>Submission Ref:</b>		<b>Inspection Date:</b>	
<b>Applicant Information</b>			
Consultant Name		e-mail	
Accredited Engineer Name		Mobile No.	
Accreditation/Registration Nos.			
Contractor Name		e-mail	
Accredited Engineer Name		Mobile No.	
Accreditation/Registration Nos.			
<b>Project Information</b>			
CED Permit/NOC Ref. No.			
Project detail			
Area Name:		Plot No.	
Business Unit		Project ID	
Client Name		e-mail	

Required Documents				
	Documents	Yes	No	N/A
1)	Checklist of site lab sign and stamp from Consultant & Contractor			
2)	Certified Engineers & Technician from both, Consultant & Contractor			
3)	Calibration Certificate for equipment			
4)	Ready Mix Supplier Registration for Local order 192			

1	BS EN 12350-1:2009 Sampling of Fresh Concrete [Specified Apparatus According To Standard]	Y	N	Remark
1	Scoop (Made from non-absorbent material)			
2	Sample container (made from non-absorbent material)			
3	Thermometer (optional) Accuracy + 1°C (Provide Serial No. / Calibration certificate reference.)			

<b>Main Contractor Stamp &amp; Signature</b>	<b>Supervising Consultant Stamp &amp; Signature</b>

## Site Lab Checklist

2	BS EN 12350-2:2009 Slump Test	Y	N	Remark
1	Mould (made of metal & Diameter of base (200+2) mm, Diameter of top(100+2) mm, Height (300+2) mm)			
2	Compacting Rod (circular cross section, straight, made of steel, diameter (16+1) mm, length (600+5) mm with rounded ends).			
3	Funnel (optional) made of non-absorbent material			

2	BS EN 12350-2:2009 Slump Test	Y	N	Remark
1	Rule			
2	Base Plate /Surface – Non-Absorbent rigid, flat plate			
3	Remixing Container			
4	Shovel – with square mouth			
5	Moist Cloth			
6	Timer/clock			

3	BS EN 12350-5:2009 Flow Table Test (if applicable)	Y	N	Remark
1	Flow Table (plane area of (700+2) mm x (700+ 2) mm)			
2	Mould (Made of metal & Diameter of base (200+2) mm, Diameter of top(100+2) mm, Height (300+2) mm)			
3	Compacting rod (Hard material, square cross section of side (40+1) mm, length of approx. 200 mm)			

4	BS EN 12350-6:2009 Density	Y	N	Remark
1	Container ( container shall not be less than 5L)			
2	Means of compacting the concrete (internal vibrate , vibrating table or compacting rod)			
3	Balance or Scales (accuracy of 0.01 kg of the mass of concrete) (Provide Serial No. / Calibration certificate ref.)			
4	Straight Edged Scrapper ( made of steel, not less than 100 mm)			
5	Mallet (rubber head)			

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5	BS EN 12350-7:2009 Air Content – Pressure Methods (if applicable)	Y	N	Remark
<b>Water Column Method</b>				
1	Water Column Meter ( consisting of container, cover assembly, stand pipe, cover, deflecting plate or spray tube and air pump as standard requirements)			
2	Means of compacting the concrete			
<b>Pressure Gauge Method</b>				
1	Means of compacting the concrete: Internal (poker) vibrator, Vibrating table, Compacting rod, Compacting Bar			
2	Syringe			
3	Consisting of container, cover assembly			
6	BS EN 12390-2:2009 Making and Curing Specimens for strength test	Y	N	Remark
1	Cube Mould (as standard min. 6cube)			
2	Means of compacting the concrete, Internal (poker) vibrator, Vibrating table, Compacting rod, Compacting Bar			
3	Apparatus required according to this test to be available as standard			
7	ASTM C1064- 2005 Standard Test Method for Temperature of Freshly Mixed Portland Cement Concrete	Y	N	Remark
1	Container			
2	Temperature Measuring Device (Provide Serial No. / Calibration certificate ref.)			
8	ASTM C1611/C 1611M - 05 Standard Test Method for Slum Flow of Self Consolidating Concrete	Y	N	Remark
1	Mold			
2	Base Plate			
3	Strike-off Bar			

Main Contractor Stamp & Signature	Supervising Consultant Stamp & Signature

## Site Lab Checklist

### Declaration

- We certify that all documents are submitted for Site Laboratory Certificate in Portable Data Format [PDF] and will also be available at Site for Inspection.
- We confirm that the Site Lab is in compliance with approved drawings & Trakhees CED Checklist, and accordingly, ready for inspection
- We confirm that the hard copy of 'CED' approved drawings & Block File Approved from CED Inspection Engineer is available at site for verification.

All the above information shall be duly typed, signed, stamped by Project team and kept in the site for Trakhees CED Area Inspection Engineer's verification.

**(Hand Written Forms will not be accepted)**

Main Contractor Stamp & Signature

Supervising Consultant Stamp & Signature