pointCPD

Pre-pour inspection checklist

Slabs, footings and in-situ reinforced concrete

Check against the current structural drawings and specification. Do not pour until every required inspection is complete and signed. Photograph the work before it is covered.

1. Pour details

Site		**Element** Slab, footings, strip footing, pad, pier	
Structural drawing numbers and revision		**Site classification (soil)**	
Concrete specification Grade, slump, max aggregate, additives, as specified		**Volume ordered**	
Planned pour date and time		**Concrete supplier and pump**	

2. Set-out and levels

#	Check	Yes	No	N/A	Comments / action
1	Building position checked against survey and setbacks	☐	☐	☐	
2	Dimensions and square checked	☐	☐	☐	
3	Finished floor level set to approved plans	☐	☐	☐	
4	Set-downs for wet areas, garage and external doors correct	☐	☐	☐	
5	Step-downs and rebates for brickwork or cladding correct	☐	☐	☐	
6	Slab edge and articulation joints positioned as designed	☐	☐	☐	
7	Surveyor's set-out or check certificate received (if required)	☐	☐	☐	

3. Excavation, base and formwork

#	Check	Yes	No	N/A	Comments / action
1	Footings excavated to the design depth and width	☐	☐	☐	
2	Founding material as specified by the engineer	☐	☐	☐	
3	Bases clean, free of loose material and water	☐	☐	☐	
4	Fill compacted and tested where specified	☐	☐	☐	
5	Sand or bedding layer to specification	☐	☐	☐	
6	Edge formwork straight, braced, secure and to level	☐	☐	☐	
7	Excavations near boundaries and services protected	☐	☐	☐	

4. Reinforcement

#	Check	Yes	No	N/A	Comments / action
1	Bar sizes and spacing as per drawings	☐	☐	☐	

#	Check	Yes	No	N/A	Comments / action
2	Mesh type as per drawings	☐	☐	☐	
3	Laps and splices as specified	☐	☐	☐	
4	Trimmer bars at re-entrant corners and penetrations	☐	☐	☐	
5	Beam and footing ligatures as specified	☐	☐	☐	
6	Reinforcement tied and stable	☐	☐	☐	
7	Bar chairs at spacing that achieves specified cover (bottom, sides and top)	☐	☐	☐	
8	No reinforcement touching the ground, forms or membrane	☐	☐	☐	
9	Reinforcement clean: no mud, loose rust or oil	☐	☐	☐	
10	Starter bars and hold-down bolts positioned and secure	☐	☐	☐	

5. Vapour barrier, services and termite protection

#	Check	Yes	No	N/A	Comments / action
1	Vapour barrier of the specified type under the full slab	☐	☐	☐	
2	Laps as specified and taped; no tears or punctures (repairs taped)	☐	☐	☐	
3	Membrane turned up at edges as detailed	☐	☐	☐	
4	Plumbing and drainage penetrations in correct positions, pressure-tested	☐	☐	☐	
5	Electrical and data conduits in position and secured	☐	☐	☐	
6	Penetrations sealed or lagged as specified	☐	☐	☐	
7	Termite management system installed to its specification at penetrations and perimeter	☐	☐	☐	
8	Termite system installer's certificate or durable notice arranged	☐	☐	☐	

6. Inspections and sign-offs

Inspection	By	Date	Result / reference
EXAMPLE *Principal certifier: after footing excavation, before placing footings*			
EXAMPLE *Principal certifier: before pouring in-situ reinforced concrete*			
EXAMPLE *Structural engineer: reinforcement (if specified)*			

7. Pour day

#	Check	Yes	No	Notes
1	Weather checked; plan for rain or heat	☐	☐	

#	Check	Yes	No	Notes
2	Concrete docket matches the specified grade and slump	☐	☐	
3	Pump position, access and set-up checked; overhead powerlines clear	☐	☐	
4	Vibrators and finishing tools ready	☐	☐	
5	Curing method and materials on site	☐	☐	
6	Test cylinders or slump tests taken if specified	☐	☐	
7	Crew briefed; SWMS in place for pumping and plant	☐	☐	

8. Photo record before pour

Photo #	What it shows	Taken by

9. Builder sign-off: ready to pour

Name		**Signature**	
Date		**Time**	