Report to Laboratory Work No. 1

TESTING OF SELF-COMPACTING CONCRETE MIX
FOR SPREADING WITH THE ABRAMS CONE (SLUMP-FLOW TEST)

Full name: _____Group No.:_____

Purpose:_____

_____

_____

_____

Equipment: _____

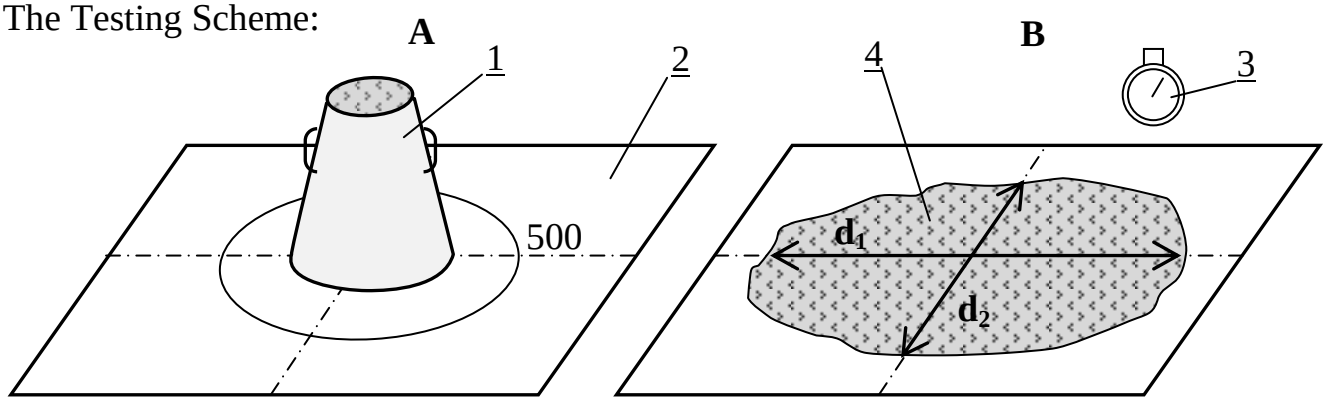
_____

_____

_____

_____

The Testing Scheme:



1 – Abrams Cone; 2 – Base Plate; 3 – Stopwatch; 4 – Concrete Mix

Test Result:

Composit. No.	Time t_{500}, s	Diameter, mm			Spreadability Class	Viscosity Class
		d_1	d_2	$d_{av.}$		

Main conclusions:_____

_____

_____

_____

Report accepted: _____ «__» _____20___г.

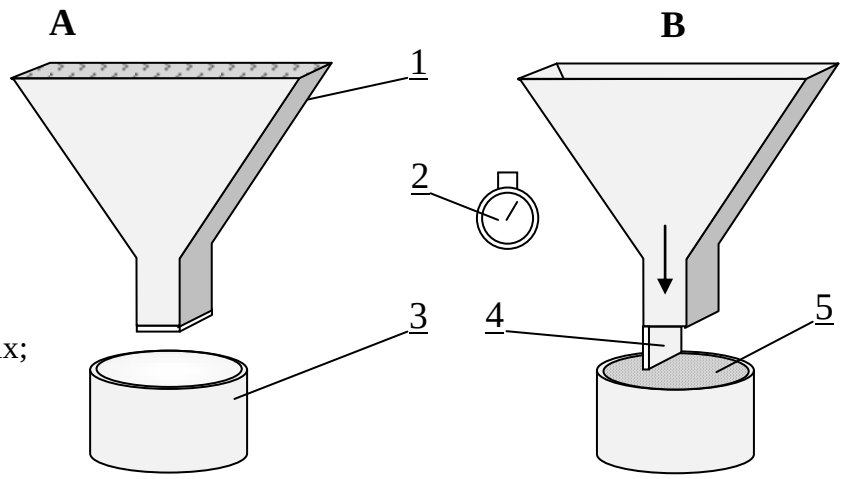
Report to Laboratory Work No. 2
TESTING OF SELF-COMPACTING CONCRETE MIX
IN A V-SHAPED FUNNEL (V-FUNNEL TEST)

Full name: _____Group No.:_____

Purpose:_____
_____
_____
_____

Equipment:_____
_____
_____
_____
_____

The Testing Scheme:



1 – V-Shaped Funnel;
2 – Stopwatch;
3 – Container for Concrete Mix;
4 – Shutter;
5 – Concrete Mix

Test Result:

Composit. No.	Mix Volume **V**, L	Outflow Time **T**, s	Viscosity Class

Main conclusions:_____
_____
_____
_____

Report accepted: _____ «__» _____20___г.

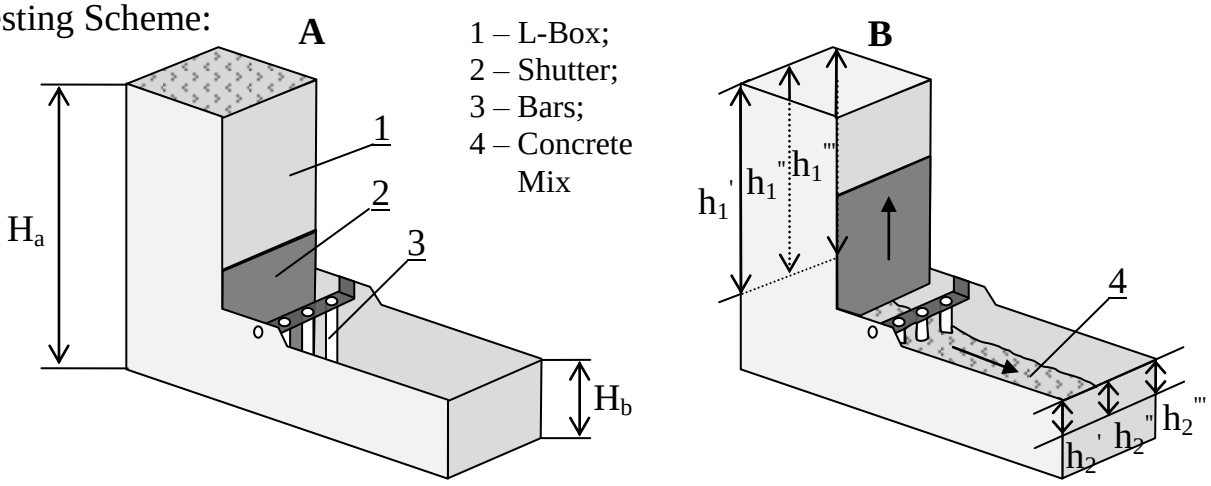
Report to Laboratory Work No. 3
TESTING OF SELF-COMPACTING CONCRETE MIX
IN L-SHAPED BOX (L-BOX TEST)

Full name: _____Group No.:_____

Purpose:_____
_____
_____
_____

Equipment: _____
_____
_____
_____

The Testing Scheme:



Test Result:

Com-posit. No.	Measured Heights, mm									Passability Class
	H_a	**H_b**	**h_1'**	**h_1''**	**h_1'''**	**h_2'**	**h_2''**	**h_2'''**	**H_2/H_1**	

Main conclusions:_____
_____
_____
_____

Report accepted: _____ «__» _____20___г.

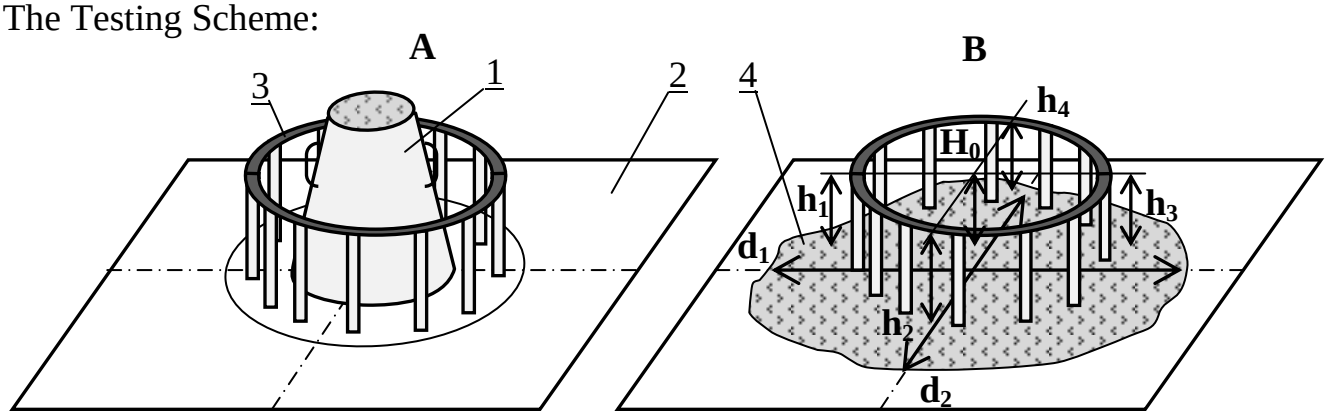
Report to Laboratory Work No. 4
TESTING OF A SELF-COMPACTING CONCRETE MIX
IN A J-RING (J-RING TEST)

Full name: _____Group No.:_____

Purpose: _____
_____
_____
_____

Equipment: _____
_____
_____
_____

The Testing Scheme:



1 – Abrams Cone; 2 – Base Plate; 3 – J-Ring; 4 – Concrete Mix

Test Result:

Com-posit. No.	Spreading Diameter, mm			Measured Heights, mm						Passability Class
	d_1	d_2	d_{cp}	H_0	h_1	h_2	h_3	h_4	$H_0–H_1$	

Main conclusions:_____
_____
_____
_____

Report accepted: _____ «__» _____20___г.

Report to Laboratory Work No. 5

TESTING OF SAMPLES OF SELF-COMPACTING CONCRETE
FOR COMPRESSIVE STRENGTH (COMPRESSIVE STRENGTH TEST)

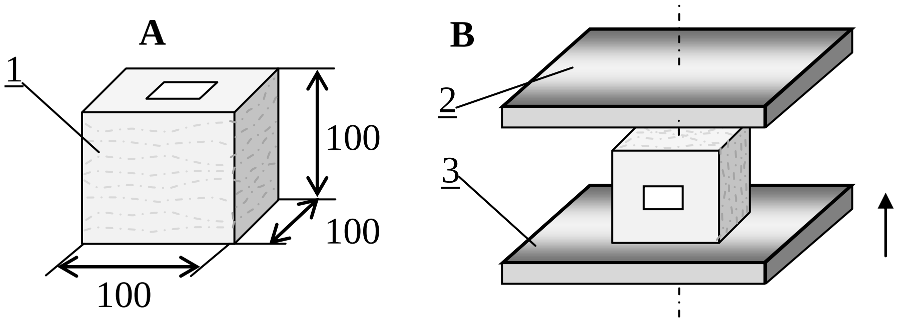
Full name: ______________________________________ Group No.: ____________

Purpose: ____
____
____

Equipment: ____
____
____

The Testing Scheme:

1 – Sample;
2 – Upper Press Plate;
3 – Lower Press Plate.



Test Result:

Compo-sit. No.	Age of Samples, days	Sample Dimensions, mm			Sectional Area of the Sample, mm^2	Force of Destruction, N	Compressive Strength Limit, MPa	Strength Class
		L	**B**	**H**	**F**	**P**	$\mathbf{R_b^{av.}}$	

Main conclusions: ____
____
____

Report accepted: _____________________ «__» _______20___г.