

1.103 CIVIL ENGINEERING MATERIALS LABORATORY (1-2-3)

CONCRETE II: HARDENED PROPERTIES

DATA SHEET (1 of 2)

All dimensions in mixed Group No. B2 Date: 04/13/04

Measurement Device	Vertical Force	Act. Disp.	Lft Disp. Extr	Rgt Disp. Extr
<i>Calibration Factor</i>	<u>100kN/V</u>	<u>10.0mm/V</u>	<u>32.03in/(V/V)</u>	<u>34.11in/(V/V)</u>
<i>DAQ Channel</i>	<u>2</u>	<u>3</u>	<u>6</u>	<u>5</u>
<i>Analog Gain</i>	<u>1</u>	<u>1</u>	<u>100</u>	<u>100</u>
<i>Input Voltage</i>	<u>1</u>	<u>1</u>	<u>4.000</u>	<u>4.000</u>
		Gage Length	<u>2.0 in</u>	<u>2.0 in</u>

Test Description	File Name	Front	Side
<u>M1 S2</u>	<u>B2M1S2</u>		
Specimen Height <u>8.1</u> , <u>8.07 in</u> , _____			
Specimen Dia. <u>101.70</u> <u>103.05 mm</u> , _____			
Specimen Mass <u>3979</u> (gm) Vin _____			
Zero Lt-LVDT _____ Zero Rt-LVDT _____			
Zero Load _____			

Test Description	File Name	Front	Side
<u>M2 S2</u>	<u>B2M2S2</u>		
Specimen Height <u>8.05</u> , <u>8.12 in</u> , _____			
Specimen Dia. <u>102.27</u> , <u>101.44 mm</u> , _____			
Specimen Mass <u>3962</u> (gm) Vin _____			
Zero Lt-LVDT _____ Zero Rt-LVDT _____			
Zero Load _____			

Test Description	File Name	Front	Side
<u>M3 S2</u>	<u>B2M3S2</u>		
Specimen Height <u>7.95</u> , <u>7.95 in</u> , _____			
Specimen Dia. <u>101.51</u> , <u>102.02 mm</u> , _____			
Specimen Mass <u>3958</u> (gm) Vin _____			
Zero Lt-LVDT _____ Zero Rt-LVDT _____			
Zero Load _____			

Test Description	File Name	Front	Side
<u>M4 S2</u>	<u>B2M4S2</u>		
Specimen Height <u>8.25</u> , <u>8.24 mm</u> , _____			
Specimen Dia. <u>102.66</u> , <u>102.44 mm</u> , _____			
Specimen Mass <u>4065</u> (gm) Vin _____			
Zero Lt-LVDT _____ Zero Rt-LVDT _____			
Zero Load _____			

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Test Description	<u>M5 S2</u>	File Name	<u>B2M5S2</u>	Front	Side
Specimen Height	<u>8.0</u> , <u>8.05 in</u> , _____				
Specimen Dia.	<u>102.57</u> , <u>102.68 mm</u> , _____ , _____				
Specimen Mass	<u>4052</u> (gm)	Vin	_____		
Zero Lt-LVDT	_____	Zero Rt-LVDT	_____		
Zero Load	_____	Note: two sheet of wax paper on ends			

Test Description	_____	File Name	_____	Front	Side
Specimen Height	_____ , _____ , _____				
Specimen Dia.	_____ , _____ , _____ , _____				
Specimen Mass	_____ (gm)	Vin	_____		
Zero Lt-LVDT	_____	Zero Rt-LVDT	_____		
Zero Load	_____				

Test Description	_____	File Name	_____	Front	Side
Specimen Height	_____ , _____ , _____				
Specimen Dia.	_____ , _____ , _____ , _____				
Specimen Mass	_____ (gm)	Vin	_____		
Zero Lt-LVDT	_____	Zero Rt-LVDT	_____		
Zero Load	_____				

Test Description	_____	File Name	_____	Front	Side
Specimen Height	_____ , _____ , _____				
Specimen Dia.	_____ , _____ , _____ , _____				
Specimen Mass	_____ (gm)	Vin	_____		
Zero Lt-LVDT	_____	Zero Rt-LVDT	_____		
Zero Load	_____				

Test Description	_____	File Name	_____	Front	Side
Specimen Height	_____ , _____ , _____				
Specimen Dia.	_____ , _____ , _____ , _____				
Specimen Mass	_____ (gm)	Vin	_____		
Zero Lt-LVDT	_____	Zero Rt-LVDT	_____		
Zero Load	_____				
