



Department of Civil, Structural, and Environmental Engineering

SEESL Structural Engineering and Earthquake Simulation Laboratory SEESL

212 Ketter Hall, North Campus, Buffalo, NY 14260-4300

Fax: (716) 645-3733 Tel: (716) 645 5400 X 16

<http://www.nees.buffalo.edu>

Calibration Certificate

Certificate Number: **UB-2005-02-04-01**

Instrument Description: **LC20-8**

Location: **SEESL**

Test Equipment

Instrument Identification:

<u>Type of Instrument:</u>	<u>Instrument Name:</u>	<u>Serial Number:</u>	<u>Instrument Range:</u>
Load Cell	LC20-8	8	20 KIP

Conditioner Identification:

<u>Model Number</u>	<u>Serial Number:</u>	<u>Gain:</u>	<u>Excitation:</u>
2310	088987	3000	10 v

Readout Device Identification:

<u>Model Number</u>	<u>Serial Number:</u>	<u>Channel:</u>
Labview Software 6036E DAQ board	NA	1

Reference Equipment

Reference Instrument Identification:

<u>Ref</u>	<u>Force Transducer</u>	<u>MTS Load cell</u>	<u>#552-03A-01</u>	<u>100 kip (Comp& Ten)</u>
	<u>Calibration Trace:</u>	<u>Certificate Number:</u>	<u>Cal. Date:</u>	<u>Cal. Exp. Date:</u>
	NIST Traceable	A2LA 1145.01	04/28/04	4/28/2005
	MTS Load Cell			
	552-03A-01			

Reference Lab Information:

- | | <u>Address:</u> | <u>Phone/Website:</u> | <u>Accreditation:</u> |
|-------|---|--|-----------------------|
| 1. | Ketter Hall SEESL
University at Buffalo
Buffalo, NY 14225 | 645-2114
www.nees.buffalo.edu | |
| 2. 3. | MTS Systems Corp.
14000 Technology Dr.
Eden Prairie Mn.
55344-2290 | 716-827-3770
www.MTS.com | ISO/IEC 17025 |



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Calibration Information

Calibration Procedure:

Basic Description:

The calibration was performed on an MTS load frame located in 112 Ketter Hall. using ref load cell
Model 309.40, S/N 135 500kN 110 Kip

Calibration Data:

Certificate Number: UB-2005-02-04-01

Graph:

Personnel Identification:

Name:

Chris Budden

Company:

UB

Signature:

Date:

02/04/05

Calibration Period:

Cal. Date:

' 02/04/05

Cal. Exp. Date:

02/04/06



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