

**ALFRED BENESCH & COMPANY- LINCOLN**

825 J St  
PO Box 80358  
Lincoln NE 68501  
402-479-2200

**Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 – Sample Splitter

**Hot Mix Asphalt**

T 245 – Breaking Heads – Critical Dimensions  
T 245 – Compression Testing Machines  
T 308 – Ignition Oven  
T 312 – Gyratory Compactor  
T 312 – Gyratory Molds and Ram Heads  
T 245 – Marshall Molds  
T 209 – Vacuum System  
T 245 – Manual and Mechanical Compactors (Procedures No. 6 & 6A)

**Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 – Unit Weight Measure  
C 173 - Volumetric Air Meter

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedures No. 22 & 22A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**ALFRED BENESCH & COMPANY- OMAHA**

2423 Horizon West 156<sup>th</sup> Circle  
Omaha NE 68130  
402-333-5792

**Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

**Hot Mix Asphalt**

T 308 - Ignition Oven (Don't use internal scale)  
T 312 - Gyratory Compactor  
T 312 - Gyratory Molds and Ram Heads  
T 209 - Vacuum System

**Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material - Strength  
C 138 - Unit Weight Measure

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 - Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**BAKER & ASSOCIATES**

120 East 16<sup>th</sup> Street  
Scottsbluff NE 69361  
308-632-3123

**Portland Cement Concrete**

C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity

**Miscellaneous**

Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition

## **CERTIFIED TESTING SERVICES, INC.**

419 W. 6<sup>th</sup> Street  
PO Box 1193  
Sioux City IA 51102  
712-252-5132

### **Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 – Sample Splitter

### **Hot Mix Asphalt**

T 245 - Breaking Heads – Critical Dimensions  
T 245 - Compression Testing Machines  
T 308 - Ignition Oven  
T 312 - Gyratory Compactor  
T 312 - Gyratory Molds and Ram Heads  
T 245 - Marshall Molds  
T 209 - Vacuum System  
T 245 - Manual and Mechanical Compactors (Procedures No. 6 & 6A)

### **Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material - Strength  
C 138 - Unit Weight Measure

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 - Manual Hammers – Weight and Critical Dimensions – Procedures No. 5 (T 99) & 5A (T 180)  
T 99 & T 180 - Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **CITY OF LINCOLN**

901 W. Bond St.  
Suite 100  
Lincoln NE 68521  
402-441-7714

### **Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

### **Hot Mix Asphalt**

T 308 – Ignition Oven  
T 312 – Gyrotory Compactor  
T 312 – Gyrotory Molds and Ram Heads  
T 209 – Vacuum System

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
C 138 - Unit Weight Measure  
C 173 – Volumetric Air Meter

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedures No. 22 & 22A)  
T 99 & T 180 – Molds - Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**MAINELLI WAGNER & ASSOCIATES, INC.**

6920 Van Dorn Street  
Suite A  
Lincoln NE 68506  
402-421-1717

**Aggregate**

T 248 – Sample Splitter

**Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 – Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity

**Soils**

T 89 – Grooving Tools – Critical Dimensions  
T 89 – Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**MID-STATE ENGINEERING & TESTING, INC. - COLUMBUS**

279 Road D  
Columbus NE 68601  
402-562-7824

**Aggregate**

T 248 – Sample Splitter

**Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions – Procedures No. 5 (T 99) & 5A (T 180)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**MID-STATE ENGINEERING & TESTING, INC. - KEARNEY**

11 East 11<sup>th</sup> Street  
Kearney NE 68847  
308-237-0187

**Aggregate**

T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

**Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure  
C 173 - Volumetric Air Meter

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimension  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedures No. 22 & 22A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **OLSSON ASSOCIATES - GRAND ISLAND**

524 East 2<sup>nd</sup> Street  
Grand Island NE 68801  
308-384-8750

### **Aggregate**

T 248 – Sample Splitter

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **OLSSON ASSOCIATES MOBILE LAB TRAILER-GRAND ISLAND**

### **AGGREGATE**

T 248 – Sample Splitter

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 – Bearing Blocks and Retainers – Planeness  
C 39 – Compression Machines  
C 39 – Moist Rooms/Storage Tanks – Temp. & Humidity  
C 138 – Unit Weight Measure

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers



## **OLSSON ASSOCIATES - HOLDREGE**

701 4<sup>th</sup> Avenue, Suite 2C  
Holdrege NE 68949  
308-995-8706

### **Aggregate**

T 248 – Sample Splitter

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
C 138 - Unit Weight Measure

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedure No. 5)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **OLSSON ASSOCIATES – LA VISTA**

8720 S. 114<sup>th</sup> St.  
Suite 107  
La Vista NE 68128  
402-827-7220

### **Aggregate**

T 248 - Sample Splitter

### **Hot Mix Asphalt**

T 209 - Vacuum System

### **Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions – Procedures No. 5 (T 99) & 5A (T 180)  
T 99 & T 180 – Mechanical Soil Rammers – Procedures No. 22 (T 99) & 22A (T 180)  
T 99 & T 180 - Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**OLSSON ASSOCIATES - LINCOLN**

3800 South 6<sup>th</sup> St.  
Lincoln NE 68502  
402-458-5905

**Aggregate**

T 248 – Sample Splitter

**Portland Cement Concrete**

C 231 – Air Meters

C 39 - Bearing Blocks and Retainers - Planeness

C 39 - Compression Machines

C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity

Capping Material – Strength

C 138 - Unit Weight Measure

C 173 - Volumetric Air Meter

**Soils**

T 89 - Grooving Tools – Critical Dimensions

T 89 - Liquid Limit Devices – Wear and Critical Dimensions

T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions – Procedures No. 5 & 5A

T 99 & T 180 - Mechanical Soil Rammers – Procedures No. 22 & 22A

T 99 & T 180 – Molds – Critical Dimensions/Volume

T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)

T 208, T 216, T 265 – Ovens – Temperature Settings

Mechanical Shakers – Sieving Thoroughness

Sieves – Physical Condition

Thermometers

## **PANHANDLE GEOTECHNICAL AND ENVIRONMENTAL – SCOTTSBLUFF**

818 S. Beltline Hwy. E  
Scottsbluff NE 69361  
(308)632-6735

### **Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

### **Hot Mix Asphalt**

T 245 – Breaking Heads – Critical Dimensions  
T 245 – Compression Testing Machines  
T 308 - Ignition Oven  
T 312 – Gyrotory Compactor  
T 312 – Gyrotory Molds and Ram Heads  
T 245 - Marshall Molds  
T 209 – Vacuum System  
T 245 – Manual and Mechanical Compactors (Procedures No. 6 & 6A)

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers - Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 – Unit Weight Measure  
C 173 – Volumetric Air Meter

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers–Weight and Critical Dimensions - Procedures No. 5 (T 99) & 5A (T 180)  
T 99 & T 180 - Mechanical Soil Rammers – Procedures No. 22 (T 99) & 22A (T 180)  
T 99 & T 180 - Molds – Critical Dimensions/Volume  
T 99 & T 180 - Straightedges – Planeness of Edge

### **Miscellaneous Equipment**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens– Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**TERRACON - LINCOLN**

3220 North 20<sup>th</sup> St.  
Suite 3  
Lincoln NE 68521  
402-466-3911

**Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

**Portland Cement Concrete**

C 231 – Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure  
C 173 - Volumetric Air Meter

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 - Molds – Critical Dimensions/Volume  
T 99 & T 180 - Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **TERRACON - OMAHA**

15080 "A" Circle  
Omaha NE 68144  
402-330-2202

### **Aggregate**

T 304 - Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 – Sample Splitter

### **Hot Mix Asphalt**

T 245 – Breaking Heads – Critical Dimensions  
T 245 - Compression Testing Machines  
T 308 - Ignition Oven  
T 312 - Gyrotory Compactor  
T 312 - Gyrotory Molds and Ram Heads  
T 245 - Marshall Molds  
T 209 - Vacuum System  
T 245 - Manual and Mechanical Compactors (Procedure No. 6)

### **Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure  
C173 - Volumetric Air Meter

### **Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedures No. 22 & 22A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**THIELE GEOTECH, INC.**

13478 Chandler Road  
Omaha NE 68138  
402-556-2171

**Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

**Hot Mix Asphalt**

T 245 – Breaking Heads – Critical Dimensions  
T 245 - Compression Testing Machines  
T 308 - Ignition Oven  
T 312 - Gyrotory Compactor  
T 312 - Gyrotory Molds and Ram Heads  
T 245 - Marshall Molds  
T 209 - Vacuum System  
T 245 - Manual and Mechanical Compactors (Procedures No. 6 & 6A)

**Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure  
C 173 - Volumetric Air Meter

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedure No. 22)  
T 99 & T 180 – Molds - Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

**THE SCHEMMER ASSOCIATES INC.**

928 Valley View Dr., Suite 12  
Council Bluffs IA 51503-5288  
712-329-0300

**Aggregate**

T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

**Hot Mix Asphalt**

T 209 - Vacuum System

**Portland Cement Concrete**

C 231 - Air Meters  
C 39 - Bearing Blocks and Retainers – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 - Unit Weight Measure

**Soils**

T 89 - Grooving Tools – Critical Dimensions  
T 89 - Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions (Procedures No. 5 & 5A)  
T 99 & T 180 – Mechanical Soil Rammers (Procedures No. 22 & 22A)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 - Straightedges – Planeness of Edge

**Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers

## **TWIN RIVERS TESTING**

602 E. Walker Rd.  
North Platte NE 69101  
308-534-5131

### **Aggregate**

T 304 – Stand, Funnel and Cylindrical Measure  
T 84 - Conical Molds and Tampers – Critical Dimensions  
T 248 - Sample Splitter

### **Hot Mix Asphalt**

T 245 – Breaking Heads – Critical Dimensions  
T 308 – Ignition Oven  
T 245 - Marshall Molds  
T 209 – Vacuum System  
T 245 – Manual and Mechanical Compactors (Procedures No. 6 & 6A)

### **Portland Cement Concrete**

C 231 – Air Meters  
C 39 – Bearing Blocks – Planeness  
C 39 - Compression Machines  
C 39 - Moist Rooms/Storage Tanks – Temp. & Humidity  
Capping Material – Strength  
C 138 – Unit Weight Measure  
C 173 - Volumetric Air Meter

### **Soils**

T 89 – Grooving Tools – Critical Dimensions  
T 89 – Liquid Limit Devices – Wear and Critical Dimensions  
T 99 & T 180 – Manual Hammers – Weight and Critical Dimensions– Procedures No. 5 (T 99) & 5A (T 180)  
T 99 & T 180 – Mechanical Soil Rammers – Procedures No. 22 (T 99) & 22A (T 180)  
T 99 & T 180 – Molds – Critical Dimensions/Volume  
T 99 & T 180 – Straightedges – Planeness of Edge

### **Miscellaneous**

T 208, T 216, T 265, T 296 – Balances, Scales & Weights (General Purpose)  
T 208, T 216, T 265 – Ovens – Temperature Settings  
Mechanical Shakers – Sieving Thoroughness  
Sieves – Physical Condition  
Thermometers