



Prescott Memorial Library  
Guide to Resources in  
Civil Engineering

## **INDEXES**

Academic Search Premier **online under Indexes and Databases**  
Engineering Village 2 **online under Indexes and Databases**  
Index to ASCE Publications **Ref TA 1A58 A5**

**Note:** many ASCE journals are available full text from 1995-2004. Check the La Tech catalog.

## **DIRECTORIES**

American Consulting Engineers Council Directory **Index Table 5**  
Biotechnology Directory **Index Table 5**  
Directory of Louisiana Manufacturers **La Docs Ref C 1.9:998**  
Louisiana Manufacturers Register **Ready Ref HF 5065 L8 L69**  
Louisiana Business Directory **Ready Ref HF 5065 L6 L6 2000**  
South Central High Technology Directory **Index Table 4**  
Thomas Register of American Manufacturers **Index Table 8 and *www.thomasnet.com***  
Sweet's Catalogs  
    Products for Industrial Construction and Renovation **Ref TA 215 S85**  
    Products for Engineering and Retrofit **Ref TH 455 S785**  
    Products for General Building and Renovation **Ref TH 455 S8**

## **GENERAL ENGINEERING MATERIALS**

### **e-Book Collections**

Knovel (fully searchable electronic reference books) **on library homepage**  
netLibrary (electronic versions of popular and technical books) **on library homepage**

### **Encyclopedias and Dictionaries**

Encyclopedia of Fluid Mechanics **Ref TA 357 E53 1986**  
McGraw-Hill Encyclopedia of Science and Technology **Ready Ref Q 121 M3**  
McGraw-Hill Dictionary of Scientific and Technical Terms **Ready Ref Q 123 M15**  
Van Nostrand's Scientific Encyclopedia **Ready Ref Q 121 V3**

### **Handbooks**

ASTM Standards **Ref TA 401 A653**  
CRC Handbook of Chemistry and Physics **Ready Ref QD 65 H3**  
CRC Handbook of Tables for Applied Engineering Science **Ref TA 151 C2**  
The Engineering Handbook **Ref TA 151 E424 1996**  
Eschbach's Handbook of Engineering Fundamentals **Ref TA 151 E8 1989**  
Handbook of Heat Transfer **Ref QC 320.4 H36 1998**  
(Perry's) Engineering Manual **Ref TA 151 P645**  
Standard Handbook of Engineering Calculations **Ref TA 332 S73 1985**  
The Transforms and Applications Handbook **Ref QA 601 T73 1996**

## **CIVIL ENGINEERING**

### **Basic Sources**

Civil Engineering Practice **Ref TA 145 C58 1988**  
Civil Engineer's Reference Book **Ref TA 151 C58 1991**  
Dictionary of Civil Engineering **Ref TA 9 S35 1981**  
Handbook of Civil Engineering Calculations **Ref TA 332 H36 2000**  
Formulas for Stress and Strain and Structural Matrices **Ref TA 407.2 P55 2005**  
Roark's Formulas for Stress and Strain **Ref TA 407.2 R6 1989**  
Standard Handbook for Civil Engineers **Ref TA 151 S8 1983**

### **Buildings/Construction**

Building Design and Construction Handbook **Ref TH 151 B825 2001**  
(Walker's) Building Estimator's Reference Book **Ref TH 435 F7 copy 1 on Ready Ref**  
Construction Glossary **Ref TH 9 S78**  
Encyclopedia of Building and Construction Terms **Ref TH 9 B757 1983**  
Handbook of Construction Tolerances **Ref TH 851 B35 1994**  
Means Construction Cost Data **Ref TH 435 B84**  
Minimum Design Loads for Buildings and other Structures **Ref TH 851 M56, 2001 & 2003**

### **Concrete**

ACI Building Code Requirements for Structural Concrete, ACI 318-02 **Ref TA 683 A512 2002**  
ACI Detailing Manual **Ref TA 683.28 A43 1988**  
ACI Manual of Concrete Practice **Ref TA 681 A4p**  
Concrete Construction Handbook **Ref TA 681 C745 1998**  
Handbook of Concrete Engineering **Ref TA 682 H36 1985**  
Handbook of Structural Concrete **Ref TA 439 H275 1983**

### **Hydraulics**

Handbook of Applied Hydraulics **Ref TC 145 D3**  
Handbook of Hydraulics for the Solution of Hydraulic Engr. Problems **Ref TC 160 K5 1976**  
Handbook of Public Water Systems **Ref TD 223 H27 1986**  
Hydraulic Design Handbook **Ref TC 180 H94 1999**

### **Hydrology/Environmental**

Dictionary of Waste and Treatment **Ref TD 9 S37 1981**  
Handbook of Environmental Control, vol 1 **Ref TD 893 B6p**  
Standard Methods for the Examination of Water and Wastewater **Ref QD 142 A5**  
Water Encyclopedia **Ref TD 351 V36 1990**  
Water Quality and Treatment Handbook **Ref QD 430 N365 1990**  
Wiley Encyclopedia of Environmental Pollution, 2 vols. **Ref TD 173 M48 1999**

### **Steel**

Manual of Steel Construction **Ref TA 684 A5 1989**  
Manual of Steel Construction, LRFD **Ref TA 684 L63 1994**  
Steel Designers' Manual **Ref TA 685 S74 2003**  
Structural Steel Designer's Manual **Ref TA 684 S79 1994**

### **Structures**

Dictionary of Soil Mechanics **Ref TA 710 A15 B37**  
Formulas for Structural Dynamics **Ref TA 654 K27 2001**  
Structural Engineering Handbook **Ref TA 635 G3**  
Structural Engineering and Applied Mechanics Data Handbook **Ref TA 633 H77**  
Manual of Structural Design and Engineering Solutions **Ref TA 658.35 W34**  
Manual of Steel Construction (also have LRFD edition) **Ref TA 684 A47**

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