

ACI Committee Document Abstracts

The following ACI documents are, or will soon be, available:

“Requirements for Reinforced Concrete Chimneys—Code and Commentary (ACI CODE-307-23)”

Reported by ACI Committee 307, Concrete Chimneys
Denis J. Radecki, Chair; David J. Bird, Victor A. Bochicchio, Shu-Jin Fang, Jon K. Galsworthy, David C. Mattes, Joseph F. Peters, Kelly D. Scott, John C. Sowizal, F. Alan Wiley, and John L. Wilson, Members; John J. Carty and Barry J. Vickery, Consulting Members.
Special acknowledgments to R. Porthouse (deceased) and S. Richart (deceased) for their contributions to this code.

Abstract: This code provides material, design, and detailing requirements for cast-in-place and precast reinforced concrete chimneys. It sets forth minimum loadings for design and contains methods for determining the concrete and reinforcement required to obtain the strength required by the loadings. The methods of analysis apply primarily to circular chimney walls, but guidance is included for applying the general principles to noncircular chimney walls.

“Shotcrete Preconstruction Mockup—TechNote (ACI PRC-506.7-23)”

Reported by ACI Committee 506, Shotcreting
Simon Reny, Chair; James A. Ragland, Secretary; Lars F. Black, Louis-Samuel Bolduc, Chris D. Breeds, Wern-Ping Nick Chen, Scott R. Cumming, William T. Drakeley Jr., Randle M. Emmrich, Antoine Gagnon, Charles S. Hanskat, Marc Jolin, Mark R. Lukkarila, Axel G. Nitschke,* Ryan A. Oakes, Ryan E. Poole, Raymond C. Schallom, William L. Snow Sr., Jason P. South, Lawrence J. Totten, Frank E. Townsend, Marcus H. von der Hofen, Ezgi Wilson, Peter T. Yen, and Lihe Zhang, Members; Jean-Francois Dufour, Richard A. Kaden, Dudley R. Morgan, H. Celik Ozyildirim, and Philip T. Seabrook, Consulting Members.

*Deceased.

Abstract: The phrase “shotcrete test panels” has been used in the industry to cover a variety of uses in the preconstruction and production evaluation of concrete placed by the shotcrete method. The purpose of this TechNote is to help the architects/engineers (A/E) to refine their documents with the current use of the terms “mockup” and “test panel” to better define their specific requirements for the project. The majority of this TechNote will focus on the use of a shotcrete preconstruction mockup.




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