



Ashok M. Kakade, P.E.

Principal Engineer

EXPERIENCE

Mr. Kakade has over 35 years of experience in construction, investigation, and rehabilitation of concrete and masonry structures. He has constructed reinforced concrete and masonry buildings, retaining walls, foundations, and pavements. He has investigated foundations, pavements, warehouse floors, swimming pools, marine structures, commercial and industrial buildings, high rise residential buildings, parking structures, tunnels, dams and others concrete structures.

Mr. Kakade has taught a Concrete Technology course to Engineers, Architects, & Contractors at the UC Berkeley and UC Davis, Engineering Extensions. Mr. Kakade has testified in numerous Arbitrations, Mediations, and Superior Courts as an expert.

Mr. Kakade has worked on developing, testing and modifying concrete mix designs using various chemicals and admixtures. Mr. Kakade was trained in Germany in the use of concrete admixtures, sealants, waterproofing, epoxy and polyurethane coatings, and polymer modified cementitious repair materials. He has conducted tests on hardened regular weight, light weight, gypsum, colored & polymer based concretes.

Mr. Kakade is trained in cement & concrete chemistry and has worked on projects having distresses due to workmanship, corrosion of metal, sulfates, cracking, discoloration, concrete moisture related flooring distresses, alkali-silica reactivity, and other design, material, and construction related defects in concrete, stucco, and masonry structures. His work determined the causes of distress to structures and designed advanced repairs including corrosion protection systems and moisture mitigation systems. Mr. Kakade performs construction management & quality assurance services for the repair projects.

LICENSE

Registered Professional Civil Engineer
CALIFORNIA, License No. C 52427
NEVADA, License No. C 13442
ARIZONA License No. C 39830

EMPLOYMENT HISTORY

8/1979 - 10/1981: Jr. Engineer
Engineering Construction Corporation, India
11/1981 - 7/1986: Resident Engineer
McBauchemie Muller GmbH & Co., Germany
5/1988 - 12/1994: Senior Engineer
Haynes & Associates, Oakland, CA
1/1995-Present, Principal Engineer
Concrete Science, Inc., Hayward, CA

PROFESSIONAL STANDING

- President, East Bay Structural Engineers Association, 1992, Officer: 1990-1992
- President, Northern California Chapter, International Concrete Repair Institute (ICRI), 1997, Secretary & Board Member: 2011-2016
- Member ACI, ICRI, ASCE, ASTM
- ACI Committee 201, Durability
- ACI Committee 437 Strength Evaluation
- ACI Committee 302 & 360 Slabs-on-Grade
- ACI Committee 332, Residential Concrete
- Chairman, ACI Committee 364, Rehabilitation
- * ICRI – ACI 562 Repair Code
- * ASTM F06: F 1869, F710, F2170, F2420
- * **Lifetime Achievement Award by Northern CA Chapter of ICRI. Fellow of Indian Concrete Institute**

EDUCATION

South Dakota School of Mines & Technology, Rapid City, SD., M.S. in Civil Engineering, 1988
University of Bombay, India, B.S. in Civil Engineering, 1979

Designating Mr. Ashok M. Kakade as an expert witness and or the use of this resume in legal proceeding without specific written approval is prohibited.