

Clientele

Chrysler Corporation
 Nokia Corporation
 Motorola Corporation
 Sony Technology
 Avery Dennison Corp.
 Spago's Restaurants
 Wescon Development
 Dupont Flooring Systems
 Resurfacing Specialists
 Amerifloor Technical Inc.
 Floor Seal Technology
 Sinak Corp
 Techniquex Hydro Systems, Inc.
 State of California
 City of San Diego
 Orange County Sheriff's Dept.
 United States Navy

Memberships

CSI Construction Specification Institute
ACI American Concrete Institute
FCA Forensic Consultants Association
NIFCI National Institute of Certified Flooring Inspectors
ASTM American Society of Testing Materials
FCA Forensic Consultants Association
ICRI International Concrete Repair Institute

SCHEDULE OF VAPOR EMISSION TESTING PROCEDURES TO BE PERFORMED:		
Day	ASTM E 1907-97 (existing structures)	ASTM F 1869-03 (new construction)
1.	Grind and prepare substrate for testing. Perform pH and concrete moisture content analysis. Continued ventilation of the test sites.	Grind and prepare substrate for testing. Perform pH and concrete moisture content analysis. Continued ventilation of the test sites.
2.	Ventilation of test sites.	After 24 hours, place calcium chloride test domes. Record temperature and relative humidity. Place safety cones on top of domes for protection.
3.	After 48 hours of ventilation, place calcium chloride test domes. Record temperature and relative humidity. Place safety cones over the top of domes for protection.	Calcium chloride domes and cones remain in place.
4.	The Calcium Chloride test domes remain in place for 60 to 72 hours.	After 60 to 72 hours, remove the calcium Chloride test Domes. Determine vapor emission (lb/k/24) & pH levels. Record Temperature, relative humidity and the concrete moisture content.
5.	After 60 to 72 hours, remove the Calcium Chloride test domes. Determine the vapor emission & pH levels. Record temperature, relative humidity and the Concrete moisture content.	



Why R. Godfrey Consulting?

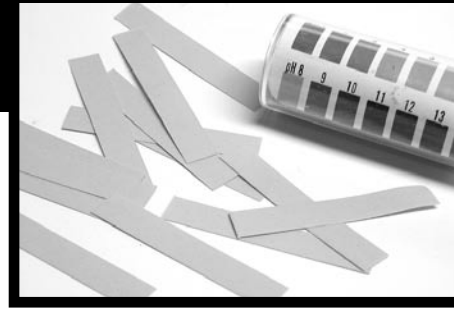
R. Godfrey Consulting is one of the leading floor covering consulting firms performing highly technical vapor emission and pH testing. RGC assesses moisture intrusion conditions relating to concrete substrates. The company identifies moisture intrusion problems involving floor covering materials and installation.

RGC's 22 years experience provides a unique blend of knowledge and skill. Mr. Godfrey is a member of the ASTM committees that establish the national standards for vapor emission testing, resilient flooring products in residential and commercial buildings. Mr. Godfrey has provided expert services in more than 260 litigations involving moisture intrusion and flooring related issues. He speaks frequently at seminars sponsored by firms in the flooring, insurance, construction



and moisture-related industries. The RGC technical staff enhances their knowledge and experience by annual attendance at numerous educational programs.

RGC performs evaluations involving individual residences, large-scale housing developments, condominium developments and commercial buildings. RGC clientele includes Fortune 500 companies, developers, government agencies, insurance companies, attorneys, floor covering manufacturers, retail floor covering dealers and consumers. The firm offers professional services relating to vapor emission, pH testing, consultation, inspection and expert testimony. RGC has a track record of providing objective, confidential service performed by competent, qualified professionals.



Scope of work to be performed

The testing is based on the vapor emission testing standards established by the American Society of Testing Materials (ASTM). The test standards are ASTM E 1907-97 for existing structures, and ASTM F1869 – 98 for new construction.

RGC will also include two pH and electronic concrete moisture content evaluations at each test site. The interior relative humidity and temperature will be monitored during testing. RGC provides verbal results within 24 hours of completion of testing. A written report will be provided within five working days of the completion of testing.

ASTM standards require the following procedures

The structure must be fully enclosed. The heating, air conditioning and ventilation system (HVAC) must be active for at least 48 hours prior to the placement of the

calcium chloride test domes. The HVAC must remain in operation during the entire testing period.

Vapor emission testing can be performed in a fully enclosed building when the HVAC is not operational. The test results are not accurate and will not meet ASTM testing requirements. RGC will not perform vapor testing in any structure that has not been fully enclosed for at least 5 days prior to the beginning of testing.

The minimum number of tests for ASTM E1907-97 compliance is: 3 tests for the first 500 square feet and 1 test for each additional 500 square feet to be tested. F1869-98 Compliance requires 3 tests for the first 1000 square feet and 1 test for each additional 1000 square feet to be tested.