

## **..THOMAS R. (RANDY) GLOVER**

422 North 880 East

Tooele UT 84074

602-722-0730

OTB2003@hotmail.com/WWW.OTBTECH.NET

### **President (owner)**

O.T.B. Technologies, Inc., Tooele, Utah. O.T.B. Technologies develops and patents, state-of-the-art innovative technologies for diverse industries. Consulting/Coating inspection, specification development (steel and concrete) Instructor for Corrosion/Inspection Education classes

### **Activities:**

Member of the NACE International (NACE) now AAMP

Member of the Society for Protective Coatings (SSPC) now AAMP

Member of the American Society for Testing Materials (ASTM)

Member of International Concrete Repair Institute (ICRI)

NACE Certified Coating Inspector #5688 (National and International)

Past (10 years) NACE Certified Inspector Program Lead Instructor (National and International)

Past (6 years) NACE Basic Corrosion Program Instructor (National and International)

Past NACE Chairperson, Arizona Section, Education

SSPC Certified Concrete Coating Inspector #090006 (National and International)

Past (13years) SSPC Certified Concrete Coating Instructor (National and International)

Author: "Thank goodness for CIP Classes" NACE; INSPECT THIS, summer 2006, Vol. 13, Issue 11

Author: "How clean is clean?" COATINGS PRO magazine May 2014

Co-Author of SSPC/CCI Certified Concrete Coating Inspection Course

Author of ASTM D-7682-10 "Standard Test Method for Replication and Measurement of Concrete Surface Profiles Using Replica Putty"

Designer of Corrosion, Surface Preparation, Application and Inspection PowerPoint Presentations

Co-Owner of numerous patents

MSHA training (2014)

Advanced Certified Diver SSL Certification

Eleven-year affiliation with Phoenix Guide dog Raisers/Guide dogs for the Blind

Volunteer with Tooele County Children's Justice League

Owner of Glover's Clawfoot Bathtubs

### **EXPERIENCE**

Over 45 years in the coating and surface preparation industry beginning in automobile restoration/painting/inspection, continuing on to aircraft painting/inspection, then to heavy industrial surface preparation, painting and inspection. As a former General Manager of a high-performance industrial coatings and linings application company in Arizona, I performed surface preparation, applied specified coatings, performed inspections, wrote specifications, and developed bids on projects. I had oversight on coating structural steel projects involving sulphuric acid in copper refineries within Arizona. I was responsible for Allied Signal projects that involved both steel and concrete substrates, as well as numerous projects that required the restoration of concrete. I have had inspection oversight on projects that specialized in surface preparation, high-performance coatings application and inspection of steel at the world's largest nuclear generating station, Palo Verde, Phoenix, AZ. For 5 years I also served as a technical representative in California, Hawaii, Arizona and New Mexico for an internationally known coating manufacturer that produced cementitious

coatings for the pulp and paper, wastewater, electrical generating and water treatment industries. I was the chief coatings inspector of 110 water tanks owned by Arizona Water, Phoenix AZ.

For 3 years I served as the chief coating consultant to Hunt Construction, general contractor for the Cardinal football stadium in Glendale, Arizona. I was responsible for coating selection, recommendations for surface preparation and coating application techniques as well as inspection techniques for structural steel and dissimilar metals on the stationary and moving roof, outside stadium skin, CMU walls in food service areas, scoreboards and playing field.

Consultant to Frazee paint regarding rust staining stucco exterior walls of Terravita housing development Scottsdale AZ. I was involved in my company's preparation for expert witness testimony. (2007)

Consultant/Coating Inspector for American Electric Power, interior coating of a 430 ft. tall, 300 ft diameter hyperbolic concrete cooling tower conversion for boiler exhaust particulate capture. (2008)

Coating Inspector on USS SHOUP DDG-86, located at VIGOR shipyard Seattle WA. Contracted to Global Inspection Group, (Porter, Texas), Inspection duties include surface preparation (both abrasive blast and UHP), coating application of interior and outer hull coatings which includes anti-fouling and Capastic for dielectric shields. I have working knowledge of 009-32 and forms required. (2011)

Coating inspector/consultant on Intel FAB 42/FSB project, Chandler AZ. Direct interface with all contractors/engineers/Intel personnel, regarding surface preparation, product application/product recommendation/failure analysis on both steel and concrete was required. RMF (raised metal floor), PL4 clean room protocol, Intumescent and fireproofing materials, polyurea, both surface preparation and application (2012-2013)

Inspection of 40,000 pieces of galvanized steel receiving corrosion resistant coating application for a Yuma AZ solar electrical facility. Duties include recording of ambient conditions, DFT readings of both galvanized and total coating, adhesion tests as per ASTM standard, storage inspection, surface preparation and product application. (2012)

Coating inspector/consultant at Intel CH8 construction Chandler AZ. QA/QC of coating removal by UHP and abrasive blast of steel beams previously coated. DFT readings of remaining mill scale prior to new application of Carboline and Sherwin Williams coatings. DFT readings of HALAR coatings applied to stainless steel ducting. All readings employed SSPC PA-2 methods (2012-2013)

Coating consultant/inspection on 250 carbon steel window frames and shades for San Francisco General Hospital's new addition. Duties included cleanliness inspection post aluminum oxide blast, anchor profile readings, DFT readings of three stage coating system (Tnemec zinc, epoxy and urethane). Consulting to contractor regarding specification interpretation, question resolution and application recommendations. (2013)

Coatings failure consultation for Sherwin/Willam's paints at new Utah State prison facility just West of Salt Lake City. (2021)

Two weeks of instruction for both Central Arizona Project and Salt River Project corrosion courses, Phoenix AZ Topics included surface preparation methods and inspection, application methods, safety, inspection equipment (use of), marine, pipeline, concrete inspection, etc. (2014, 2016, 2018, 2021)

PowerPoint presentations at University of Utah Material Science (30 students) and Engineering classes (200 students) regarding corrosion, surface preparation, application and inspection. (September 2014-2018)

My goal/aspiration is to be an asset to both the project and the company that chooses to employ my experience, talents and inspection skills.