

# Michael D. Schopp

**Education:** Bachelor of Science, Chemical Engineering  
Purdue University, West Lafayette, IN

**Summary:** Thirty-nine years of experience in project management and chemical engineering. Expertise and knowledge includes managing design, procurement, construction, and start-up for a wide variety of industrial manufacturing operations including specialty chemicals, petrochemicals, synthetic rubber, extrusion drying and coating, and cryogenic processes. International Project Management experience in China, South Korea, Singapore and Russia.

**Professional Certification:** Project Management Professional (PMP) Certified #1365061

**Specialties:** Chemical Manufacturing  
Project Management  
Project Planning  
Integrated Project Delivery

**Experience:** **Pathfinder LLC, Project Management Consultant (January 2015-Present)**  
**Project Manager**

- INEOS Olefins and Polymers, Chocolate Bayou, TX - Serving as client's onsite project manager preparing for a turnaround beginning in April, 2016. Coordinated engineering design, procurement and construction planning activities for 3 capital projects. Also coordinated FEL-3 activities for OSBL requirements for a potential plant expansion.

**Creative Project Services, Project Management Consultant (May-October, 2014)**  
**Senior Project Manager**

- 3M, Alabuga Special Economic Zone, Yelabuga, Russia - Served as client's onsite project manager during construction of a green-field manufacturing facility. Coordinated the activities of AECOM (Project Management and Controls) and MAGNET (General Contractor).

**Hargrove Engineers + Constructors, Decatur, AL (June, 2011-April, 2014)**  
**Senior Project Manager**

Projects include:

- BASF, West Memphis, AR – Developed Primavera EPC schedule for plant renewal project.
- Sabic Innovative Plastics, Burkville, AL – Served as client's onsite project manager, coordinating the implementation of projects totaling \$10M.
- BASF, Beaumont, TX – Coordinated preparation of 3 Front-End Engineering Packages covering cross-functional safety, design and operability reviews prior to project funding requests.
- InSpec, Decatur, AL – Coordinated piping design support services for a fluoropolymer facility expansion.
- 3M- Guin, AL - Dryer Installation- Provided project management services to prepare for equipment installation during a plant shutdown. Prepared a detailed schedule, conducted pre-bid meetings, coordinated information flow between vendors and contractors, forecasted costs at completion and led weekly project team meetings.

**3M Specialty Materials Engineering, Decatur, AL (2005–2011)**  
**Senior Principal Engineer / Project Manager**

Responsibilities included managing capital projects of major importance. Activities included capital forecasting, scope development, cost estimating, scheduling, and project team selection, funding requests, contractor selection, detail design management, change management, safety reviews, construction management, start-up team leadership and status reporting.

Projects included:

- China – Led team to develop initial requirements, layouts and cost estimates for a new fluoropolymer manufacturing facility to be located at the Shanghai Chemical Industry Park (SCIP).
- Singapore - Project Manager, \$32M solar film extrusion coating line at a green-field site. Managed project from concept development through commissioning. Implemented 9 significant process improvements. Met very high cost management and fast-track expectations.
- Decatur, AL - Project Manager, \$7M Fluoropolymer drying system. Managed project from concept development through commissioning.
- South Korea - Project team member, glass microsphere manufacturing process scale-up.
- China - Project team member, lithium battery component manufacturing scale-up.

**Dyneon, LLC (3M-Hoechst Joint Venture), Decatur, AL (1990–2004)**  
**Project Engineering and Maintenance Manager**

Managed project engineering and maintenance departments for specialty chemical and synthetic rubber manufacturing plants. Managed the design and construction of a \$22M fluoropolymer manufacturing facility from concept development through commissioning. Supported the installation of a vinylidene fluoride monomer plant as a joint venture with Solvay.

**3M Specialty Chemicals Division, Cottage Grove, MN (1985–1989)**  
**Process Engineering Supervisor**

Provided technical support for specialty chemical manufacturing processes.

**3M Magnetic Audio/Video Products Engineering, St. Paul, MN (1980-1984)**  
**Project Engineer**

Managed capital equipment projects for magnetic oxide manufacturing and pigment dispersions.

**Union Carbide, Linde Division, Babbitt, MN (1977–1979)**  
**Production Engineer**

Provided technical support for an oxygen, nitrogen and argon plant.

**Software and  
Training:**

Microsoft Office, Primavera P6, Microsoft Project, Microsoft Access  
Matchware Mindview, Lean Integrated Project Delivery, Six-Sigma

**Contact  
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