

## RESUME

R. N. WHEELER, JR.

Environmental Protection and Occupational Health,  
Project Manager

Union Carbide Corporation  
P. O. Box 8004  
South Charleston, West Virginia 25303

Coordinator with Union Carbide Corporation on environmental protection, health problems, and regulations. Represents Union Carbide Corporation to OSHA, EPA and NIOSH on such problems.

Graduate Chemical Engineer from Virginia Polytechnic Institute in 1943. Employed by Union Carbide Corporation in various capacities for over thirty-five years.

### Career

1943    Gas Analyst

Rubber Reserve Company Butadiene-Styrene Plant at Institute, West Virginia operated by Union Carbide Corporation.

Quality control and special analytical projects involving process stream and vent sampling, sample fractionation and absorption spectroscopy of organic gases.

1944    Technical Assistant

Rubber Reserve Company Butadiene-Styrene Plant at Institute, West Virginia.

Production supervision and technical project work in a styrene monomer plant. Operations involved liquid phase alkylation, liquid phase oxidation, liquid phase hydrogenation, vapor phase dehydration, gas separation and distillation.

1945    Technical Assistant

Union Carbide Corporation plant at South Charleston, West Virginia.

Production supervision and technical project work in solvent polymerization of vinyl chloride and vinyl acetate. Operations involved polymerization monomer recovery, solvent recovery and process development.

Career

1947 Production Supervisor

Union Carbide Corporation plant at South Charleston, West Virginia.

Production supervision and technical project work in the solvent polymerization of vinyl chloride and vinyl acetate. Initiated production of vinyl alcohol terpolymer resins.

1952 Production Department Head

Union Carbide Corporation plant at South Charleston, West Virginia.

Responsible charge of production facilities and personnel in the solvent vinyl resin plant. Converted the plant from batch to continuous operation. Initiated production of vinyl alkyl ether polymers.

1958 Production Department Head at-Large

Union Carbide Corporation plant at South Charleston, West Virginia.

Engineering design project, new process evaluation and business and economic analysis.

1959 Area Supervisor

Union Carbide Corporation plant at South Charleston, West Virginia.

Responsible charge of facilities and personnel by the manufacture of solution vinyl chloride resins, vinyl alkyl ether resins, polyethylene oxide, and vinyl acetate resins and latexes.

1965 Area Superintendent

Union Carbide Corporation plant at South Charleston, West Virginia.

Responsible charge of facilities and personnel for the manufacture of vinyl chloride monomer, solution vinyl chloride resins, vinyl acetate resins, dispersion vinyl chloride resins, and vinyl alkyl ether resins. Union Carbide Corporation representative to MCA for planning and coordinating the acro-osteolysis epidemiological study.

1968 Production Manager for Vinyl Resins

Union Carbide Corporation plants at South Charleston, West Virginia and Texas City, Texas.

Responsible for manufacture of suspension PVC, bulk PVC, and dispersion PVC resins. The assignment was later revised to dispersion PVC resins, vinyl acetate resins and vinyl alkyl ether resins.

Continued work on MCA's acro-osteolysis epidemiological study.

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Career

1971 Technical Superintendent for Vinyl Resins

Union Carbide Corporation plant at South Charleston, West Virginia.

Special projects and problems for the plant and for the vinyl resins Operations Teams including business planning and analysis, customer service, occupational health and governmental regulations. Served as Chairman of the MCA Ad Hoc Vinyl Chloride Committee while the research program was organized, planned and funded.

1978 Project Manager for Environmental Protection and Occupational Health

Union Carbide Corporation Chemicals and Plastics Division, SHARE Group (Safety, Health and Environment).

Responsible for projects related to occupational health, environmental protection and governmental regulations.

ORGANIZATION ACTIVITIES

- I. Organization Resources Counselors  
Washington, D.C.
  1. Vinyl Chloride Task Force
  2. PVC Fabricating Industry, Epidemiology Steering Committee
- II. Society of Plastics Industries VC-PVC Producers Association  
New York, New York
  1. VCM-PVC-EPA Technical Committee
  2. Health Study Committee
- III. Manufacturing Chemists Association  
Washington, D.C.
  1. Vinyl Chloride Technical Committee
    - a. VCM Research Program Coordination
    - b. VCM Safety Data Sheet Subcommittee
  2. Styrene Toxicity Technical Panel

ORGANIZATION ACTIVITIES

- IV. Society of the Plastics Industry  
New York, New York
  - 1. Acrylonitrile Copolymer Group
  - 2. Toxicology Committee
    - a. Vinyls Subcommittee
    - b. Vinyl Acetate Study Task Force
- V. Organization Resources Counselors  
Washington, D.C.
  - 1. Acrylonitrile Task Force
  - 2. OSHA Generic Carcinogen Proposal Task Force

PUBLICATIONS

- 1. Wheeler, R. N., Jr. and Sutherland, M. E.: "Control of Vinyl Chloride Emissions in Distribution Operations", American Institute of Chemical Engineers, Houston Meeting - 1974.
- 2. Wheeler, R. N. Jr.: "Specialty Vinyl Chloride Resin Processes, Effects of Governmental Regulations", American Chemical Society, San Francisco Meeting - 1976.
- 3. Wheeler, R. N., Jr.: "Automatic Monitoring Systems for Vinyl Chloride", American Institute of Chemical Engineers, New York Meeting - 1977.
- 4. Wheeler, R. N., Jr. Barr, J. T., Laundrie, R. W. and Snyder, P. J.: "Properties and Essential Information for Safe Handling and Use of Vinyl Chloride," April 1, 1977 - NIOSH Symposium on Control Technology in the Plastics and Resins Industry - February 28, 1979.
- 5. Wheeler, R. N., Jr.: "Training, A Work Practice", NIOSH Symposium on Control Technology in the Plastics and Resins Industry, Atlanta, Georgia - February 28, 1979.