

## Mark C Regel

Managing Director

H. D. Scientific Supplies Pty. Ltd.

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### Professional Experience

**Vice President, Ushio America, Inc.:-** Directed the Technical Products Division to develop & market VUV excimer sources and electron beam particle accelerators for use in the medical, semiconductor, environmental, petrochemical, coating and specialty steel industries.

Also concurrently oversaw operations of the American International Technologies (AIT) & Ushio International Technology (UIT) subsidiaries in addition to performing the roles of corporate emergency director, national radiation safety officer, intellectual property committee chair and executive business process reengineering team member.

Developed & oversaw multibillion dollar opportunities with the U.S. Defense Advanced Research Projects Agency (DARPA) and specialty steel & aerospace joint venture partners.

**Engineering Manager, Christie, Inc.:-** Developed first production DLP cinema projectors utilizing high contrast DMD devices culminating in the successful “shoot-out” against all competitive offerings at Industrial Light & Magic (ILM), Pixar and the Kodak Cinesite. Oversaw the successful transfer of all DLP cinema development to a newly acquired production subsidiary in Canada.

**Executive Manager, Research Technology Pty. Ltd.:-** Successfully applied for export development grants, and subsequently developed, the world’s leading high speed multimedia distribution and control system for the laser graphics display industry; incorporating lasers, multichannel audio, computer controlled effects, programmable lighting, video, large format film and water screens.

**Engineering Manager, Laservision Australia, Pty. Ltd.:-** Project managed the world’s largest permanent laser light show in the Samsung owned Everland theme park near Seoul, Korea; including 70mm film, 75ft water screen, twelve lasers, computer controlled lighting, fireworks and an 80KW sound system. Also oversaw the upgrade of the Merlion attraction on Sentosa Island in Singapore and the world’s only fully floating water screen attraction at Darling Harbour during the Sydney 2000 Olympics.

### Tertiary Education

Masters Degree in Business & Technology	-	University of New South Wales
Graduate Diploma in Industrial Management	-	University of New South Wales
Industrial Management Qualification	-	University of New South Wales
Bachelor of Science (Computer Engineering Technology) *1	-	University of Georgia

NRC (USA) Ionizing Radiation Safety Officer

High availability computing – clusters, electro-optics, high-power laser safety, contract law, system on chip (SOC) design, CAD, CAM, CFD, 3D magnetostatics, particle trajectory simulation, (ERP/ ERP-II/ DRP/ MRP-II/CRM) .

\*1: Equivalency assessment to US National Accreditation Board for Engineering Technology (ABET)