

Brendan McKenney
Director of Operations

Mr. McKenney has been working in the field of material science for two decades. His expertise in pyrotechnics and materials safety has been practiced in 20 countries and 49 of the 50 United States. He toured for Pyro Spectaculars as lead PT (Pyrotechnician) on Michael Flatley's Lord of the Dance, Bon Jovi World Tour, WWE, Summer and Winter Olympic Games, and numerous Super Bowl Halftime Shows. Mr. McKenney's accomplishments include being nominated as Pyrotechnician of the Year by Performance Magazine, and led to a management position in custom production of significant pyrotechnic exhibitions. His responsibilities included staging, choreography, music selection, venue specific custom devices, and logistics. He managed over 100 events a year and his responsibilities of negotiating contracts, managing projects, customer service, overseeing safety, working with government authorities, and acting as the liaison with customers and regulators, are a natural fit for his position at QuantumSphere.

His expertise in energetic materials and their behavior, safe handling techniques, manufacturing and integration to end product are vital. As Director of Operations at QuantumSphere he designed, built and implemented a CRM database which incorporates production with the business activities as well as inventory management. He is the author of QuantumSphere's ISO 9001:2008 Quality Management System and was also responsible for leading the work with NIOSH field representatives in a volunteer EH&S program which included a comprehensive study of QuantumSphere's nanomaterials and manufacturing capabilities during multiple onsite facility reviews. The results of the 2007, and 2009 NIOSH study provided positive feedback on the Company's safe handling of materials and best practice policies. In addition to EH&S management, his other responsibilities at QuantumSphere include manufacturing scale-up, automation optimization, quality control, inventory control, customer satisfaction, and order fulfillment. Mr. McKenney attended UC Irvine and has been a guest speaker for the City of Hope.