

Building a Sustainable (SMS) Model for the Future Operation of Defence Manufacturing Facilities

This brief will discuss the “product” of expanded capabilities for Explosive Ordnance (EO) in Australia. The expanded capabilities are due to the work over the past two years by NIOA and SMS. NIOA and SMS have teamed to work with commonwealth to address, how to bring in “other” users to a “Single-User” arrangement on an existing EO site. The “key” to this arrangement was the Safety Management System (SMS) that was developed to be suitably robust and compliant with regulations, existing MHF licensees, and the commonwealth. The SMS, modelled after AS/NZS 4801:2001, had to also include explosive safety principles and other key elements such as, risk management, emergency preparedness, and work authorization. Throughout the process, the team was able to create a framework for collaboration that can now be used to expand the capabilities of Australian EO programs.

This has progressed to the creation of a multi-tenancy scenario that may expand capabilities for Defence Facilities across Australia. The establishment of NIOA as an operator on the Benalla Defence Facility under “Single User” arrangements provided the nexus for the development of “Multitenancy” at the site. It will be demonstrated that an SMS established under “Single User” arrangements can be used to form the basis for “Multitenancy” arrangements. The brief will demonstrate the establishment of multi-tenancy arrangements. It will also highlight the flexibility and other benefits for SICP that enable in-country industrialisation of modern and future EO to support the evolving needs of the warfighter.