
**FIRE AND RESCUE SERVICES -
STRUCTURAL AND INDUSTRIAL**
**Exercise initial command and control at
fuel fires**

level:	5
credit:	6
final date for comment:	March 2008
expiry date:	December 2009
sub-field:	Fire and Rescue Services
purpose:	<p>The unit standard is for people who will be fulfilling the role of the first arriving incident controller at a fuel fire.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of the initial incident controller's obligations to health and safety at bulk fuel fires; demonstrate knowledge required to control fuel fires; analyse incidents, select strategy and tactics and prepare the incident action plan; and manage incident action plan at fuel fires.</p>
entry information:	Prerequisite: Unit 3315, <i>Carry out Incident Ground Safety Officer duties</i> , or demonstrate equivalent knowledge or skills.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A national moderation system of moderation networks has been established by the Fire and Rescue Services Industry Training Organisation.
special notes:	<ol style="list-style-type: none">1 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.2 Assessment against this unit standard may take place under real or practical simulated conditions.

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- 3 Legislation applying to this unit standard includes the Health and Safety in Employment Act 1992, Fire Service Act 1975, and their subsequent amendments.
- 4 *Incidents* in this unit standard should be interpreted as those at petrol stations, or involving transport of bulk fuel and does not include bulk fuel farm and transport by ship.
- 5 *Fire and rescue service provider's requirements or Standard Operating Procedures (SOPs)* refer to policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.

Elements and Performance Criteria

element 1

Demonstrate knowledge of the initial incident controller's obligations to health and safety at bulk fuel fires.

performance criteria

- 1.1 Principles of risk management are defined in terms of limits of risk in accordance with National Commander's Instructions.
- 1.2 The allocation of tasks are explained with respect to personnel training and equipment in accordance with the SOPs.

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- 1.3 Actual or potential hazards are identified and the action to be taken to mitigate the hazard is explained for three given situations associated with fuel fires in accordance with the SOPs.

element 2

Demonstrate knowledge required to control fuel fires.

performance criteria

- 2.1 The powers and duties of the New Zealand Fire Service in relation to fuel fires are explained with reference to legislation.
- 2.2 Describe the roles required to be established to deal with fuel fires in accordance with the SOPs.
- 2.3 Fuel fires are identified from given information in accordance with requirements of the SOPs.
- Range: class labels, United Nations number and class, Hazchem number.
- 2.4 Sources of resource information for dealing with fuel fires are described in accordance with the SOPs.
- 2.5 Levels of protective clothing and equipment associated with the handling of each class of fuel fire are identified and described in accordance with the SOPs.

element 3

Analyse incidents, select strategy and tactics and prepare the incident action plan.

performance criteria

- 3.1 The incident is assessed and situation communicated in accordance with requirements of the SOPs.
- Range: size up, deduct, prioritise.
- 3.2 Strategy and tactics are decided and the incident action plan is developed from all available information in accordance with the SOPs.

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3.3 Resources required to implement strategy and tactics are selected in accordance with the SOPs.

Range: foam, specialist equipment, water, technical advice, other supporting agencies, personal protective equipment, greater alarm.

element 4

Manage incident action plan at fuel fires.

performance criteria

4.1 Facilities and perimeter control are established and communicated in accordance with the SOP's.

4.2 Hazard management practices are employed in accordance with requirements of the SOPs.

4.3 The incident action plan is communicated and managed in accordance with requirements of the SOPs.

4.4 Strategy and tactics are implemented and reviewed in response to SOP's and incident variables.

4.5 The fire is extinguished or responsibility is handed over in accordance with requirements of the SOPs.

Range: secure the scene, scene handover, recommissioning of equipment and appliance/s.

4.6 The incident is managed to secure and preserve evidence in accordance with requirements of the SOPs.

4.7 Information is collected to complete reporting requirements in accordance with the SOPs.

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Comments on this unit standard

Please contact the Fire and Rescue Services Industry Training Organisation info@frsito.org.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0039 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.