

HAZ-SAFETY LTD

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Approved Handler Test Certificate

Issued pursuant to Section 82 of the
Hazardous Substances and New Organisms Act 1996

Handler: Harley Mark Winchester

Certificate No: 000034-6154

Residential Contact Details:

116 High Street
Southbridge
Canterbury
03 324 2539

Work Contact Details:

McMillan Waterwells Limited
120 High St, Southbridge
Canterbury
03 324 2571

This certificate is issued in accordance with Regulation 4 & 5 of the Hazardous Substances and New Organisms (Personnel Qualifications) Regulations 2001. This certifies that the handler has met the relevant qualification requirements for the substances and lifecycles specified below:

Substance:

Class 1.1D	Blasting explosives: Powergel, Amex, Primers, Detonating cord
Class 1.1B	Detonators: Plain, Electric, Non electric
Class 1.4S	Safety fuses
Class 2.1.1A	Flammable Gas: Lpg, Acetylene
Class 3.1A,B,C	Flammable liquids: Petrol, Kerosene, Paints Solvents
Class 5.1.2A	Oxidisers: Oxygen

Lifecycle:

Transport; Storage; Use; Disposal
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Conditions:

- Limited to transportation of explosives < 50kg as "Tools of Trade".
- Limited to rural and construction sites only.
- Renewal of certificate 000034-1719
- Demolition of buildings requires specific approval to be obtained.
- All Class1 explosives are to be tracked in accord with the HSNO (Tracking) Regulations 2001
- Exclusion Zones to be established before blasting operations
- Approved Handler to be familiar with facility Emergency Response Plan.
- Unless surrendered or revoked beforehand, this certificate shall remain in force until the expiry date stated below, at which time an authorized Test Certifier may renew it.
- This certificate must be produced at the request of an Enforcement Officer appointed under the HSNO Act 1996


Trevor McQuoid

Test Certifier Registration No: 000034

Date Issued: 22 February 2013

Expiry Date: 22 February 2018

Explosives Control Zones

Person in Charge: Harley Winchester

Approved Handler: Harley Winchester

Site Location Details:

McMillan Water Wells Ltd
120 High St, Southbridge

Description:

Blasting Explosives Storage Magazine (Site < 50kg)

Hazardous Atmosphere Zone:

No Sources of ignition permitted within 15m

Controlled Zone: (Control Reg 31)

Low Density Traffic Routes and places where persons may be present up to 200 in number
(In 24hr period) – **42m**

Medium Density Traffic Routes and places where persons may be present up to 900 in number
(In 24hr period) – **63m**

High Density Traffic Routes and places where persons may be present over 200 in number
(In 24hr period) – **82m**

These distances are for **50kg** and will vary for quantities stored.

Area outside controlled zones not to be subject to hazardous fragmentation.

Other hazardous substances locations

Fire extinguisher to be within 30m

Note: these zones do not apply for under 5kg

Fire extinguishers nearest to storage facilities to be indicated on plan

Located as per site plan held in office

Hazardous Atmosphere & Control Zones

Site Location Details:

McMillan Water Wells Ltd

Person in Charge:

The Manager

Description:

LPG/ Acetylene Facility (Site 200kg)

Hazardous Atmosphere Zone:

1.5m laterally from base of cylinders extending in a cone up to 0.5m above cylinders and 0.5m laterally from top of cylinders.

Controlled Zone:

High Intensity Land Use Areas:

LPG (200kg) to be 1.3 metres from boundaries, other haz subs locations, high intensity traffic, high intensity land use areas (buildings).

Schedule 9 clause 20 (2A) permits reduction in iso distance due to quantity stored and fire rating of building.

Low Intensity Land Use Areas:

LPG (200kg) to be 2.0 metres from boundaries, low intensity traffic, low intensity land use (public areas etc).

Cylinders to be located 2m from openings

LPG/Acetylene to be 3m from other hazardous substances locations.

LPG/Acetylene to be 3m from oxygen storage or by fire rated partition

Hazardous Atmosphere Zone schematic held in office

Fire extinguishers nearest to storage facilities to be indicated on plan

Located as per site plan held in office