



# Fire Hydrant Inspection & Testing

## Development of a Generic Traffic Management Plan

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Operational Standards

# Problem

- Many Road Controlling Authorities
- Requirements of Supplement to TNZ COPTTM
- One Fire Service – many stations with different resources
- Paid and volunteers stations, single crew task
- Different hydrant locations – road centre to verge
- Local Authorities own the fire hydrants
- 2 different requirements; inspection and testing
- Fire Service inspects for operability and tests for pressure and flow
- Information for pre-planning and for L.A's

# What we are aiming for

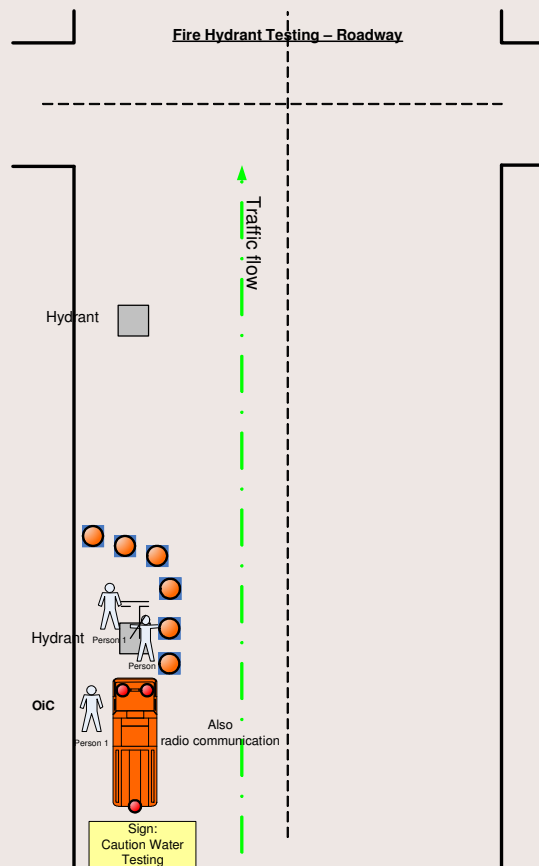
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- A generic traffic management plan that meets TTM Supplement requirements
- Suitable for some local input/conditions
- A safe non emergency working environment
- Works with our standard crew size (4)
- Utilises the Informed Worker criteria
- Part of the Fire Service competency based training program (Traffic Controller)

# How do we test?

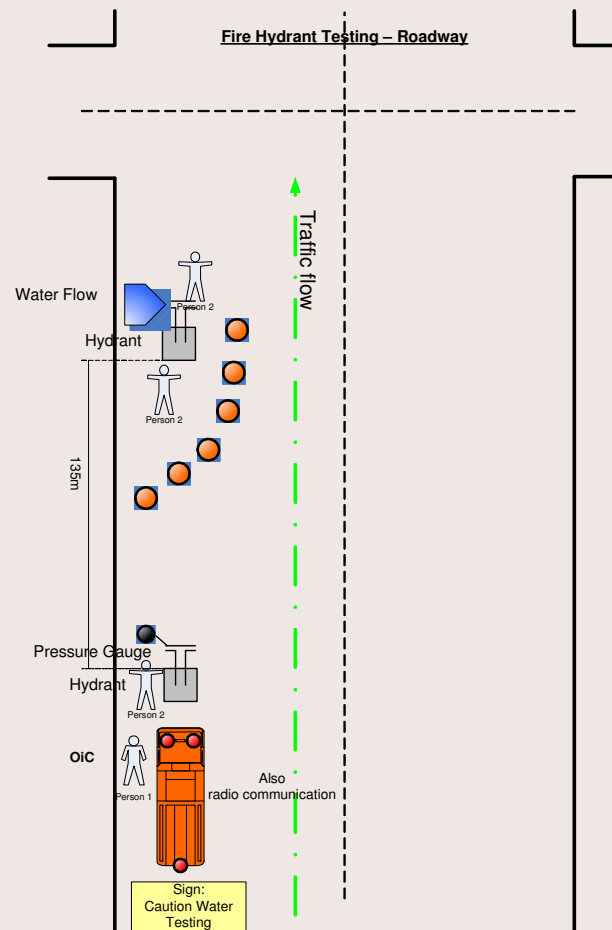
- Equipment
  - Fire appliance
  - Standard crew – 4 (1 officer, 3 firefighters)
  - Safety vests
  - Hand held radios
  - Vehicle mounted sign
- Use appliance as protection (big, flashing lights etc)
  - Connect equipment, flow water, take reading
  - 10 – 15 minutes per test

# Sign Protected Mobile /Cone Protected Mobile Operations TMD - Inspection



- Single hydrant
- Minimal water flow

# Sign Protected Mobile /Cone Protected Mobile Operations TMD - Testing



- 2 hydrants
- 135m apart
- significant quantities of water

# What do we need to do

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- How do we meet the needs of RCA's for TMP
- Generic plan accepted by RCA's
- Recognises Fire Service systems of work and resources
- Alternate to TC/STMS – Station Officer (i.e. OiC Fire Service crew)
- Result is a safe work environment

A graphic of a spiral-bound notebook with a brown cover and a light beige page. The spiral binding is on the left side. The page contains the title 'Your requirements' and a single bullet point.

# Your requirements

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- How can we best work with you to reach an acceptable solution.

A spiral-bound notebook with a brown cover and a light beige page. The spiral binding is on the left side. The word "Thankyou" is written in the center of the page in a black, serif font. A thin horizontal line is visible above the text.

Thankyou