



0824 Fuel Gas

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00 Design principles

0.01 Main considerations

It is a requirement to undertake the [00 PLANNING AND DESIGN/0001R - DESIGN REFERENCE](#) and [GLOSSARY OF TERMS](#) information into all aspects of design, detailing and delivery when developing the content here within. Clear demonstration of adherence to these requirements is part of the services and will be called upon at key points in the project and during at the discretion of the Department of Education (DoE).

GUIDE NOTE: Refer to [00 PLANNING AND DESIGN/0001C DESIGN CHECKLIST - HYDRAULIC](#)

Specification

01 General

As per current NATSPEC.

02 Product

As per current NATSPEC.

03 Execution

As per current NATSPEC except as follows:

GUIDE NOTE: Add the following subclause to “execution” nominated in NATSPEC Basic Template

3.1 Fittings Generally

Inclusions

Accessories such as, valves and fittings shall include but not be limited to those scheduled below for specific locations or fixtures.

GUIDE NOTE: Remove fixtures not required.

Fixture

Bench Cupboard - Science Practical

Bench Cupboard - Science

Bench Cupboard - Science Demonstration

B-21 Bench Cupboard – Technology and M-78 Top, Bench Technology - Demonstration

B-21 Bench Cupboard - Technology and M-77 Top, Bench Technology, Prep. - Science

B-21 Bench Cupboard - Technology and M-79 Top, Bench Technology, Prep. - Science

B-23 Bench Cupboard - Technology and M-79 Top, Bench Technology, Prep. – Science

Sp-48 Bench - Height Adjustable (front wind) Science – Flexible supply connection.

Fume Cupboard.

GUIDE NOTE: Insert job specific locations. Refer to Educational Facilities Standards and Guidelines and Supplements.

Location/s

Accessory

Turrets

Refer to [08 HYDRAULIC/0812 TAPWARE](#).

3.2 Flexible Hose Pipe Connections for Gas

Flexible hose piping in gas connections is **not permitted**. Solid fixed pipework must be used in all situations

GUIDE NOTE: Pipe connections for gas must be in secured but accessible spaces including cupboards and non-habitable enclosed spaces.

04 Selections

As per current NATSPEC.