

Title: Safe Handling, Storage and Use of Industrial Compressed Gas Cylinders

Issued By: Free Zone & Industrial Operations Department

1.0 INTRODUCTION:

Compressed gas cylinders are widely used in "Fabrication, Pilot plant, Laboratory, small scale manufacturing and processing operations as a way to provide convenient, economical and safe source of high-pressure gases for various application. These gases can be inert, flammable, toxic or oxidizing (or mixture of any or all) and are typically supplied at pressures ranging from 800 psig to 6,000 psig, with 2,500 psig being common.

2.0 SCOPE:

This guideline aims to promote safer use of portable compressed gas cylinders, covers awareness of potential hazards & precautionary measures to be taken, "advices on safe operating procedures & on the need for training, personal protective equipment, fire precautions, maintenance, examination and testing of equipment". This guideline does not apply to "large stationary compressed gas cylinders & large mobile compressed storage tank".

3.0 GUIDELINES:

3.1 Cylinder Basics & Identification



