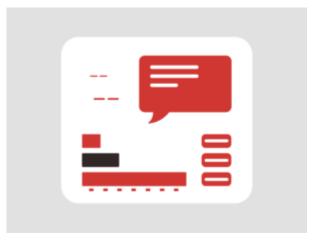
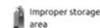
Compressed Gas Cylinder (CGC) Safety Infographic











Incorrect installation of components



Damage to tool and/or cylinder design



Incompetence handling of gas





Insufficient training & monitoring



Poor inspection & maintenance



Hidden damage



Wear proper personal protective equipment. Refer to SDS for safety information on the gas cylinder.

Store & use in well ventilated areas, away from heat or ignition sources.

General Safety Measures

Only personnel trained in the proper transportation and safe use of gas cylinders should handle cylinders.

Clean the gas valves and fixtures from any impurities such as dust, oil or rust to avoid gas. leak incident.

Store cylinders in upright position. Cylinders must be secured by used of chains.

All cylinders must be labeled with contents and stage of use (Full/In use/Empty).

Make sure the gas regulator is properly installed and tighten.

Segregated cylinders by hazard classes while in storage.



Whenever a compressed gas cylinder is used. inspect the gas cylinder, gas regulator and connectors to detect any leakage or damage.



- Do not purchase more or larger cylinders than necessary.
- Do not permit oil or grease to contact cylinders or their valves, especially cylinders containing oxidizing gases.
- Do not use Teflon tape on cylinder or tube fitting connections.
- Do not heat the cylinder for the purpose of increasing gas pressure.
- Do not use copper fittings or tubing on acetylene tanks.
- Do not refill the cylinder on your own.







Source: https://www.utm.my/cmc/files/2020/04/Safety-of-Compressed-Gas-Cylinder.png