



CENTA GROUP
COMPLETE FIRE PROTECTION

INSPECTION & MAINTENANCE:

It is a requirement of the OSH Act that all CO₂'s extinguishers must be maintained in accordance with the Manufacturers specifications and **SANS 1475**.

INSPECTION is a quick test to ascertain that the CO₂ extinguisher is working. Check the discharge hose and horn are not obstructed. Weigh the unit to ensure the CO₂ gas has not been released.

MAINTENANCE of **CENTA** CO₂ Fire extinguishers must be carried out in accordance with the procedures as laid out in **SANS 1475**.

SERVICING PROCEDURE:

Servicing **CENTA** products may only be undertaken by registered **SAQCC-Fire 1475** competent persons, who are employed by an **SANS 1475** approved company. Servicing and servicing intervals must comply with **SANS 1475**.

SERVICING TIPS:

1. It is recommended a monthly weight check is carried out on CO₂ units to ensure the charge is still in the unit.
2. Refill a CO₂ extinguisher even after partial discharge.
3. Never allow the valve thread to cross-thread with the cylinder thread.
4. Use thread tape and NOT Loctite on the valve thread.
5. When working on a CO₂ fire extinguisher never point the discharge horn towards yourself or any other person.

WARNING:

Safety glasses should be worn when operating a CO₂ unit

TOOL REQUIREMENTS:

The following tools will assist in the productive servicing of **CENTA** CO₂ fire extinguishers:

- Valve spanner removes the valve from the cylinder
- No 10 spanner removes the burst disc cap
- No 27 spanner removes the hose connector



FIRE EXTINGUISHER

5.0 KG CO₂ - Light Alloy (EI0550)



SPECIFICATIONS:

Height (mm):	752
Diameter (mm):	130
Mass Empty (kg):	9.00
Mass Full (kg):	14.00
Medium:	CO ₂
Charge:	5
Discharge distance (m):	4
Working pressure (kPa):	60 Bar at 20°C
Filling Ratio:	65%
Paint coating:	Heavy Duty Powder Coating
Compliance:	SANS 1567

CENTA HEAD OFFICE:

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EXTINGUISHER MAINTENANCE INTERVALS

TYPE	CONTAINER MATERIAL	STORED PRESSURE OPERATION	MAINTENANCE INTERVALS	
			MAINTENANCE (years)	INTERNAL INSPECTION & PRESSURE TEST (years)
Dry powder	MS	SP	1	5
	SS	SP	1	5
Water	MS	SP	1	5
	SS	SP	1	5
Foam	MS	SP	1	5
	SS	SP	1	5
CO2	AL	SP	1	10 *
	CrMo	SP	1	10 *

*** PRESSURE TEST INTERVALS FOR CO2 EXTINGUISHERS**

All CO2 Fire Extinguishers manufactured **prior to the year 2000** shall be pressure tested at **5 year intervals**, until they have been tested by an approved test station (refer to **SANS 10019**), thereafter the intervals will be **10 years**.

TROUBLESHOOTING GUIDE

WARNING:

Repairs must never be conducted on a CO2 Fire extinguisher, until the internal pressure has been released.

<u>PROBLEM</u>	<u>CORRECTIVE ACTION</u>
UNIT LOOSING PRESSURE	CHECK: <ul style="list-style-type: none"> •Valve for leak •Neck ring connection for leak
VALVE LEAK	CHECK: <ul style="list-style-type: none"> •Valve for leak •Neck ring connection for leak
NECK RING LEAK	<ul style="list-style-type: none"> •Release gas •Remove valve •Clean threaded area and wrap new threaded tape around threads. •Replace the valve with a torque of 15Nm