FIRE EXTINGUISHER

9.0 Kg HS Corrosion Proof (AAS035)

SPECIFICATIONS:

Height (mm):	**540**
Diameter (mm):	**175**
Mass Empty (kg):	**3.26**
Mass Full (kg):	**12.26**
Charge:	**90% MAP**
Propellant:	**Nitrogen**
Discharge distance (m):	**14**
Working pressure (kPa):	**1500**
Paint coating:	**Heavy Duty Powder Coating**

CENTA GROUP
COMPLETE FIRE PROTECTION

INSPECTION & MAINTENANCE:

Occupational Health and Safety (OSH Act) requires that all fire extinguishers are maintained in accordance with the Manufacturers specifications and **SABS 1475**.

INSPECTION is a quick test to ascertain that the fire extinguisher is working. Check the discharge hose to ensure that the unit has not been discharged, there is no obstruction of the discharge device and that the gauge is showing pressure. Use a pressure tester to check that the pressure in the cylinder is as per the stated specifications.

MAINTENANCE of **CENTA** Fire extinguishers must be carried out in accordance with the procedures in **SABS 1475**.

SERVICING PROCEDURE:

Servicing **CENTA** products may only be carried out by registered **SAQCC-Fire 1475** competent persons, who are employed by a **SABS 1475** approved company. Servicing and maintenance intervals must comply with **SABS 1475**.

SERVICING TIPS:

1. Before servicing a fire extinguisher ensure the unit is not pressurized by partially releasing the pressure relief valve. A 'hissing sound' indicates pressure which must be released before working on the unit. (NOTE: Check for pressure regardless of the gauge reading)
2. It is dangerous to 'break / unscrew' the valve, as a valve thread release may not be present.
3. Prevent leakage and preserve the 'O' Ring by lightly greasing the cylinder neck and valve neck 'O' Ring.
4. When refitting a valve to a cylinder always replace the valve neck 'O' Ring.
5. Use a light solvent to clean all parts of the valve. Do not grease valve stem 'O' ring.

WARNING:

Pressurize stored pressure extinguishers with dry nitrogen from a cylinder with a regulator set at no greater than 1500kpa.
Never pressurize without a regulator.

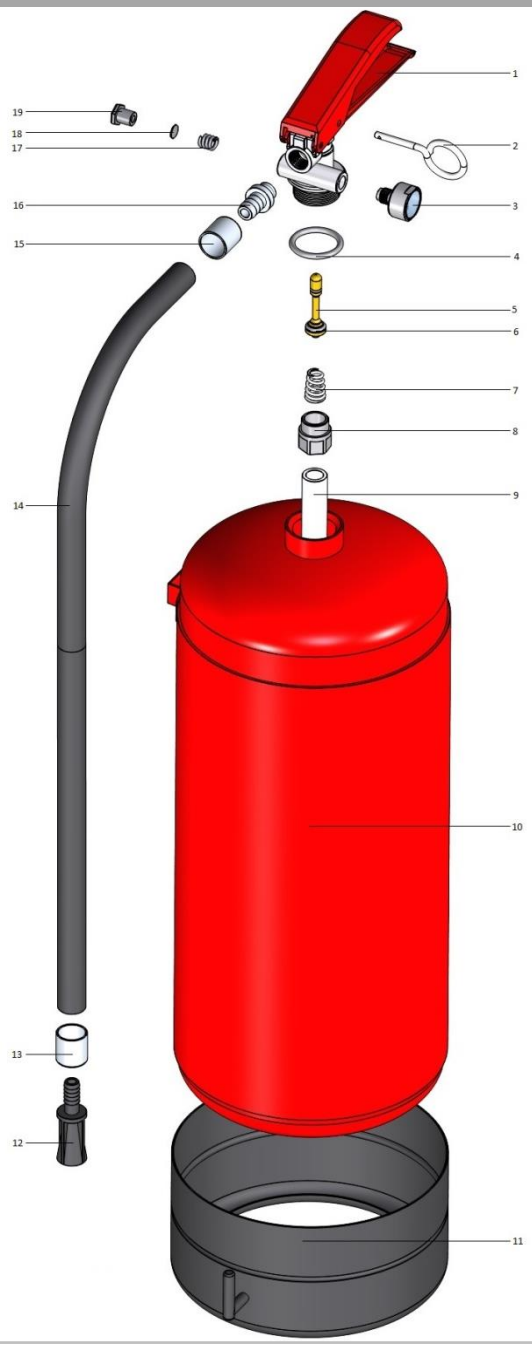
TOOL REQUIREMENTS:

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

- CENTA valve spanner
- No 10 spanner removes pressure relief nut
- No 14 spanner removes nozzle
- No 22 spanner removes gauge
- Light hammer removes valve handle pin

CENTA HEAD OFFICE:
Unit 5, 3 Sasswood Road, Glen Anil, Durban North, SA
CALL: 0860 10 20 41 **EMAIL:** centa@centa.co.za
WWW.CENTA.CO.ZA

EXPLODED VIEW



CENTA GROUP
COMPLETE FIRE PROTECTION

1	Valve Assembly
2	Safety Pin
3	Pressure Gauge
4	O-Ring
5	Plunger
6	O-Ring
7	Plunger Spring
8	Siphon Tube Holder
9	Siphon Tube
10	Cylinder
11	Base
12	Nozzle
13	Crimp
14	Hose
15	Crimp
16	Hose Connector
17	Relief Valve Spring
18	Relief Valve Sealing Cap
19	Relief Valve Nut

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 *

TROUBLESHOOTING GUIDE

WARNING:

DO NOT service an extinguisher until ALL internal pressure has been released. It is advisable to determine leaks before releasing the pressure.

PROBLEM	CORRECTIVE ACTION
UNIT LOOSING PRESSURE	CHECK: •Cylinder for pin hole leak •Valve for leak •Neck 'O' ring joint for leak
VALVE LEAK	CHECK VALVE STEM: •'O' ring is clean and has not been cut. •Chamber is clean.
GAUGE THREAD LEAK	Remove gauge, and reinstall using loctite or thread tape on the gauge thread. Clean 'O' Ring on valve.
NECK 'O' RING LEAK	Remove valve. Ensure neck ring area is free of dirt. Remove excess paint. Replace valve neck 'O' Ring. Grease the neck and neck 'O' Ring. Replace the valve.
DEFECTIVE GAUGE	Excessive shock can damage gauges. If damaged, remove gauge and replace.
CYLINDER LEAK	CENTA units carry a conditional warranty. If the unit is under 3 years old and in a good condition, the cylinder will be replaced.