



ARC-VIMP-OHSE- ROODEPLAAT CAMPUSES

SPECIFICATIONS FOR FIRE FIGHTING EQUIPMENT SERVICING AND INSPECTION: Fire extinguishers, Fire hydrants, hoses, reels, couplings, valves etc.

Title: Specifications for firefighting equipment servicing and inspection: Fire extinguishers
Fire hydrants, hoses, reels, couplings, valves etc.

The following specifications must be closely adhered to by the accredited service provider:

1. Fire protection equipment must be serviced by a duly accredited service provider and accredited service technicians as stipulated in the OHSE Act: The **Occupational Health and Safety Act** no 85 of 1993,
 - a. The Occupational Health and Safety Act 1993 (Act 85 of 1993) and Vessels under Pressure Regulation 11(1) stipulates "No person shall fill, recharge, recondition, modify, repair, inspect or test any handheld fire extinguisher unless a holder of a permit issued by the South African Bureau of Standards in terms of SABS 1475".
 - b. (1) No user shall use, require or permit the use of a fire extinguisher unless designed, constructed, filled, recharged, reconditioned, modified, repaired, inspected or tested in accordance with the relevant safety standard incorporated into these Regulations under section 44 of the Act.
2. Comply with SANS 1475-1:2010 & SANS 1475-2:2010 codes and SAQCC accredited Technicians.
3. SANS 0400-1990: TT37 amount, size and type of fire extinguishers
SANS 1475-1:2006 – regulation: production of reconditioned fire-fighting equipment fire extinguishers servicing intervals.
4. SANS 10105-1:2005 - use and control of firefighting equipment - Part 1: Portable and wheeled (mobile) fire extinguishers
5. SANS 1186-1:2008 –symbolic signs (Part 1: Standard signs and general requirements)
6. NFPA 10 - National Fire Protection Association (NFPA) regulations
7. Valid proof of all relevant certifications and accreditations must accompany all applications.
8. Valid Registration Certificate issued by the South African Qualification & Certification Committee
9. Valid SAQCC Fire identification cards for fire technicians.
10. The SAQCC fire technician must be associated to the same company as is recorded on the identification card as it is illegal to use different company name to that on the card.
11. SPECIFIC REQUIREMENTS
 - a. All facilities, buildings, offices, stores, glasshouses at ARC Roodeplaat campuses must be inspected in terms of firefighting equipment and apparatus.

- b. A DETAILED Register (copy supplied, both electronic Excel, and hard copy) listing amongst other information the following
- c. ARC-VIMP Campuses.
 - i. ARC-VIMP Main Campus Roodeplaat East (and all associated Buildings, outer buildings, glasshouses, quarantine facilities etc.).
 - ii. ARC-VIMP Biosystematics and associated facilities (outer buildings): ARC-VIMP campus.
 - iii. ARC-Insect Ecology and associated facilities (glasshouses etc.): ARC-VIMP Campus.
 - iv. Bee Research Building on ARC-VIMP premises.
 - v. all fire extinguishers and fire hydrants items must be listed for each and every inspected and serviced fire protection equipment and, must include amongst other details, the following information for each item:
 - vi. Serial / identification number
 - vii. Location (e.g. Building Name/number etc.).
 - viii. Type of fire extinguisher
 - ix. Capacity
 - x. Mass (weight)
 - xi. Date of last inspection,
 - xii. Date of last pressure test
 - xiii. Pressure test conducted Y/N and result
 - xiv. Date of next pressure test (5 year / 10 year interval)
 - xv. All ARC-identification asset numbers / markings
 - xvi. Fire extinguisher bracket number
 - xvii. Inspection result
 - xviii. Date of next service
 - xix. Pressure test certificate affixed
 - xx. Service / inspection certificate affixed

12. QUOTATION PER UNIT REQUIRED (Inclusive of traveling, call out fees)

DESCRIPTION	COST / FIRE EXTINGUISHER
ARC-VIMP Roodeplaat site assessment of all Fire Protection equipment.	
Servicing cost / per fire extinguisher / per fire hydrant / hose reel	
Pressure / hydro test cost per fire extinguisher as required	
Replacement / new cost of Dry Chemical Powder Fire extinguisher	
Replacement / new cost of CO ₂ Fire extinguisher	
Replacement / new cost of STP type Fire extinguisher	
Refilling cost per CO ₂ Fire extinguisher	
Refilling cost per DCP Fire extinguisher	
Refilling cost per described other type Fire extinguisher	

DESCRIPTION	COST / FIRE EXTINGUISHER
Provision of detailed and certified fire extinguisher register (hard and soft copy – Excel and PDF, see register specifications above section 11.C. v – xix, for each fire extinguisher and fire hydrant and hose reel.) Excel Compliance register example is available.	
Provision of COC (Certificate of Compliance)	

13. The fire extinguisher register supplied by the ARC-VIMP must contain fully updated and accurate information. Refer: Fire extinguishers register table.
14. ARC-VIMP: 113 Fire Extinguishers and fire hydrants: service required
15. ARC-VIMP:
 - a. 2 x new 9 kg DCP fire extinguishers and wall mounting required.
 - b. 1 x new CO₂ fire extinguisher and wall mounting required.
 - c. 3 x Fire extinguisher signage required (pictogram) and 3 x Arrow signs required.
16. ARC-VIMP: 2 x DCP kg: refill required,
17. ARC-VIMP: 76 X Pressure tests required.
18. ARC-VIMP: 5 X Hydro Pressure tests required (CO₂ fire extinguishers)
19. All condemned and or unrepairable fire extinguishers must be replaced. All condemned and or replaced fire extinguishers must be taken to Block J for internal approval of disposal processing and arrangements.
20. An additional separate list confirming all condemned fire extinguishers replaced and new.
21. The ARC-Roodeplaat OHSE must be contacted if any fire extinguishers are missing or misplaced.
22. List and location where NEW fire extinguishers are required.
23. List of repair / replacement requirements for all fire hydrants, hose reels etc.
24. Certificate of inspection signage on all fire hydrants, hose reels etc.
25. Service inspection summary report.

Thank you for your attention to above specifications.

Regards

A-OHSE ARC-Roodeplaat, Pretoria