

servicing and maintenance of DSPA fire system

Breakdown of servicing intervals:

Armorgard recommends the complete fire suppression system is fully serviced every 12 months by a competent engineer to the relevant EN 15276-2:2019 & ISO 15779:2011 standards or, attended to by Armorgard through a prearranged service plan. We recommend setting up this service plan at point of purchase. To ensure the powerstor remains compliant, the following maintenance schedule and methods should be carried out periodically:

- » Daily inspections (detailed below) to be carried out by the owner.
- » 12-month testing and inspection (detailed below) of the unit to be carried out by competent engineer to the relevant EN 15276-2:2019 & ISO 15779:2011 standards or Armorgard through a service plan.
- » Every 15 years the manufacturer recommends replacing the aerosol suppression generator.

Daily system inspection by the owner:

1. Visually check all electrical connections, components and potential obstructions to the DSPA generator to ensure correct operation of the suppression system in the event of a fire.
 - » Visually check the DSPA generators casing and actuator(s) are undamaged
 - » The generators are securely mounted
 - » The generator are free from corrosion
 - » Generator discharge is unobstructed
2. Visually check operation of Smoke detector, indicated by an intermittent LED light to indicate it is receiving power.
3. Visually check operation of Heat Detector, indicated by an intermittent LED light to indicate it is receiving power.
4. Check the male SP21 connector is connected, and locking ring is secure if connected to a pre-existing fire alarm system.
5. Check PIR LED light functionality.
6. Check that no continuous audible sounders are activated when turning on the unit
7. Recommended daily unit visual inspection checklist located at the back on the supplied operation & maintenance manual supplied with the unit.
8. Should the visual inspection reveal any major damage to the aerosol generator, electrical housings, electrical connections or componentry, please contact Armorgard immediately.

Disclaimer: any electrical testing and maintenance requires that the DSPA generator is isolated to prevent the accidental release of fire suppression.



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12-month Annual fire suppression inspection and maintenance by competent engineer to the relevant EN 15276-2:2019 & ISO 15779:2011 standards or through the Armorgard service plan.

1. Full Isolated fire system inspection, check and 3 stage scenario testing. (Contact Armorgard for more information)
2. Visual and electrical inspection and testing of internal components associated with the fire suppression system.
3. Check ventilation fan, smoke and heat detectors for dust and debris.
4. Check seal strength on external power box and installed components.
5. Inspect mounting brackets, fixings and associated hardware within the unit for loose, damaged, rusted or broken parts. Replace damaged parts and tighten all loose hardware,
6. Ensure and verify expiration date for DSPA Generator does not occur prior to the next scheduled inspection
7. Check DSPA generator is not obstructed and that the required clearances have been met.
8. Internal door Fire System Servicing Record (FSSR) label correctly filled out and recorded.
9. Report any potential issues immediately to Armorgard

For full testing and servicing instructions, contact Armorgard for more information.

15-year fire suppression inspection and maintenance by Armorgard:

1. Complete all service requirements as stated in the annual service.
2. Replace DSPA Generator.
3. Update unit DSPA Generator codes and serial numbers.

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DATE OF FIRST COMMISSION:

NAME OF COMMISSIONING ENGINEER:

DATE	SN	CODE	COMMENTS	NSD	WEIGHT (kg)	ENG

Codes

CS	Commissioning service (initial product commission/ re-commission after fire)
F	Full service (every year)
E	Extended service
SN	Serial number
ASR	Advised system replacement
NSD	Next service date
ENG	Service engineer
Weight	Gross weight of the suppressant

