



MEDICAL MAINTENANCE EQUIPMENT TIP SHEET

Medical Device Nomenclature

Generator Oxygen Medical System, Portable POGS 33

LIN: C74952

NIIN: 01-533-4481

Manufacturer: On-Site Gas Systems Inc. Model: POGS 33C

User and Maintainer Resources (*Medical Materiel Information Portal*)
<https://a01.usamma.amedd.army.mil/mmip/Catalog/Item/015334481>

Types of Organizations Who Have the Device:

- Hospital Center
- Combat Support Hospital

Medical Logistics Company is authorized POGS if used in lieu of the Medical Oxygen Generating System; reference memo: <https://www.milsuite.mil/book/docs/DOC-783668>

Level of Support: Field

- Preventive maintenance checks and services as outlined in the PMCS 10 and 20, including visual inspections, moisture control, leak checks, belt inspections, filter maintenance, lubrication, and calibration

Level of Support: Sustainment below Depot

- Periodic maintenance and repairs that fall outside the resources available at the organizational level, including troubleshooting, repair, and compressor rebuilds

Level of Support: Depot

- Major system and compressor rebuilds, refurbishments, and modifications
- Manufacturer support

Startup List:

https://a01.usamma.amedd.army.mil/mmip/Content/filestore/Start-Ups/3655-01-533-4481_GENERATING%20AND%20CHARGING%20PLANT%20OXYGEN_HANDBOOK_INSERT_STARTUP_032318.pdf

Field Maintenance Tips:

- Daily monitoring and regular purging of moisture from the concentrator, in accordance with the manufacturer's instructions, is essential. Excess moisture will lead to concentrator downtime.
- During installation, ensure the air compressor power phase inspection is completed in accordance with manufacturer's instructions. Compressor damage will result from failure to perform this check.
- When preparing the system for storage, draining and purging of moisture from the concentrator is mandatory. Storing a wet system will damage the sieve material and lead to major repairs.
- During system use, ensure oxygen demand from the system remains at or below 33 liters per minute (lpm). Over demand will cause a drop in system output purity with associated alarm.
- Oxygen purity about 24% and/or above 50 pound per square inch (psi) increases fire risk. Ensure fire safety protocols are in place and ignition mechanisms are understood and mitigated.
- The POGS33C includes air compressor (NIIN 01-565-6581), concentrator (NIIN 01-565-6582), booster compressor (NIIN 01-670-7384), and accessory case.

Warranty Information:

- Period: 1 year from date of shipment or invoice (whichever is sooner) from On-Site Gas Systems.
- Coverage: Parts and labor, excluding instrument calibration and expendable parts.
- Notes: Boosters and other accessories/options are covered by the original manufacturers warranty.

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