

Aircrew Oxygen Mask Overhaul & Test Facility

CAPABILITY SHEET - REPAIR LINES, OXYGEN-CLEAN ROOMS & CERTIFICATION

THE ONE IDEA

- IN UNSERVICEABLE, OUT CERTIFIED** fixes the fault someone noticed. An overhaul restores the whole item to a known condition and produces the evidence that proves it.
- THE FAILURE IS QUIET** Perished rubber, a stiffening valve, a slow leak past a worn seal - the wearer is never told, they just get less oxygen than the schedule promises.
- THE CERTIFICATE IS THE PRODUCT** Layout, the clean room, the tooling and the benches all exist to make one signature honest, and to keep it defensible years later.

THE LINE

- RECEIVE & STRIP** Unserviceable items booked in and held apart from serviceable stock, then taken apart to component level so nothing is judged through an assembly.
- CLEAN & INSPECT** Degrease, wash, rinse, dry to an oxygen-clean standard - then verify it. Every part judged against approved criteria: accept, repair or scrap.
- REBUILD, TEST & CERTIFY** Improved-maker components, the approved build standard, then delivery, resistance, leak and valve function proven on calibrated benches before signature.

THE HONEST SPLIT

- OURS - THE FACILITY** Layout and flow, quarantine design, the oxygen-clean room and its verification, tooling, inspection and rebuild stations, benches, calibration, records, training.
- SOURCED - APPROVED MAKERS** Diaphragms, valves and seals; harnesses, hoses and shells; cylinder shells and valve components. We do not claim design authority over the item.
- THE APPROVAL IS THE CUSTOMER'S** Sold the approved data and the authority; we build the facility that makes certifying against it achievable, and provable to an auditor.

PROOF & ENGAGEMENT

- QUOTED CLASS** Quoted against successive aircrew oxygen mask and portable oxygen cylinder repair-and-overhaul setup requirements - the line and the test facility together.
- CYLINDERS TOO** The same line takes portable oxygen cylinders, adding hydrostatic test, valve overhaul, internal cleanliness and clean recharge to the flow.
- ENGAGEMENT** Tell us the items, the volumes and the approval you must satisfy, at sales@neometrixgroup.com.

DEFENCE PROGRAMMES DESK

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