

Breathing Air Systems & Rescue Sets

CAPABILITY SHEET - COMPRESSOR PACKAGES, PURIFICATION & CERTIFIED APPARATUS

TWO THINGS, ONE HEADING

THE SET	A wearable set is a type-certified article. In India that certification is a manufacturer's factory-based licence, tied to a licensed plant and its own laboratory.
WHAT A SUPPLIER MAY DO	Procure, supply, install, commission, maintain and test certified sets - lawfully and routinely. That is the work, and it is substantial.
WHAT IT MAY NOT DO	Self-declare conformity, apply an approval label, or present a set as its own approved product. Neometrix does none of these, and says so.

THE AIR IS ENGINEERED

A PLANT STANDARD EXISTS	India has a breathing air compressor package specification - working pressures up to 41.4 MPa, with delivery designed from 20 MPa upward.
IT READS AS A SCOPE	Purification and dryers, HP storage under the Statutory Authority, reducing station and manifold, instrument panel, inspection and testing.
PLUS THE OPTIONS	A containment fill station for cylinders, and a cascade fill control panel piped for four storage banks - both belong in scope, not on an options list.

AIR QUALITY IS MEASURED

NOT A COMPRESSOR CHOICE	Breathing air is a numeric property of the delivered gas, verified by measurement. A compressor makes pressure; it does not make breathable air.
FOUR MANDATED STAGES	Mechanical separation of oil and water droplets; vaporous water on desiccant; oil vapour and odour on activated carbon; carbon monoxide converted by catalyst.
ON OIL-LUBRICATED PLANT	Add dew-point control and a carbon monoxide alarm. Carbon monoxide is the failure that gives the wearer no warning at all.

JURISDICTION & ENGAGEMENT

A FOREIGN MARK IS NOT ADMISSION	Admission does not certify that an original manufacturer type-certified its product. It does not establish admissibility for supply and use here.
SIZE ON THE CALLOUT	Size the package and the cascade on the demand profile including its worst case - not on how many cylinders happen to be on site.
ENGAGEMENT	Send the demand profile, the sets in service, the site and the approvals held or required, to sales@neometrixgroup.com .

DEFENCE PROGRAMMES DESK

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