

THIS DWG. IS SOLE PROPERTY OF NEOMETRIX ENGINEERING PVT. LTD.
UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG.
WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.

Colour	Pipe Size
Blue	1/4"
Green	1/2"
Red	3/4"

INTERNAL BOOSTING

HIGH PRESSURE
OXYGEN GAS STORAGE

CYLINDER BANK-I

CYLINDER BANK-II

CYLINDER BANK-III

CYLINDER BANK-IV

OXYGEN DISTRIBUTION PANEL

Oxygen Outlet
PORTS PANEL

HOSE

HOSE

HOSE

HOSE

Oxygen High
Pressure Port

M3

VENT

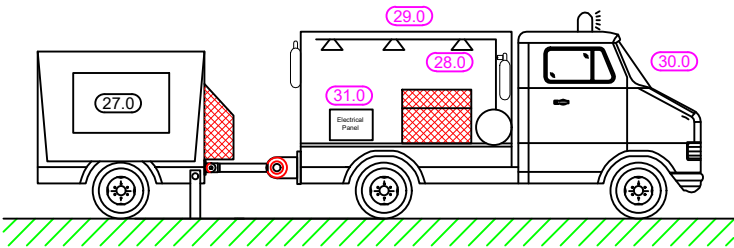
HIGH PRESSURE
OXYGEN GAS CHARGING

BOOSTER-1

BOOSTER-2

Relief Valve
Set at 350 Bar

OXYGEN CHARGING & DISTRIBUTION VEHICLE
(UGSS-O₂) - PNEUMATIC CIRCUIT DIAGRAM



NOTE : TENTATIVE CIRCUIT DRAWING SUBJECT TO CHANGE

NEOMETRIX		NEOMETRIX ENGINEERING PVT. LTD. E-148, Sector-63, Noida, UP-201301 Tel. No. :- 0120-4500800 Fax No. :- 0120-4500888 Email :- contact@neometrixgroup.com	
MAIN TITLE	Oxygen Charging & Distribution Vehicle (UGSS-O ₂)	Q/A No.	
SUB - TITLE	OXYGEN & AIR CIRCUIT DIAGRAM	Cross Ref. Doc. No.	
CODE	A3128	Customer Dwg./Ref. No.	
CUSTOMER	INDIAN AIR FORCE		
END - USER	INDIAN AIR FORCE		
PO. NO.	----		
PROJECTION	REVISOR BY & DATE	MF	09/11/2023
	DRAWN BY & DATE	SK	09/11/2023
	CHECKED BY & DATE	SK	09/11/2023
	APPROVED BY & DATE	SPS	09/11/2023
		Size	Scale
		A4	NTS
		Sheet	No. of
		07	15
		NEO. DWG. No.	
		T-PED-A3128-PDWG -CIRCUIT	
		REV	00