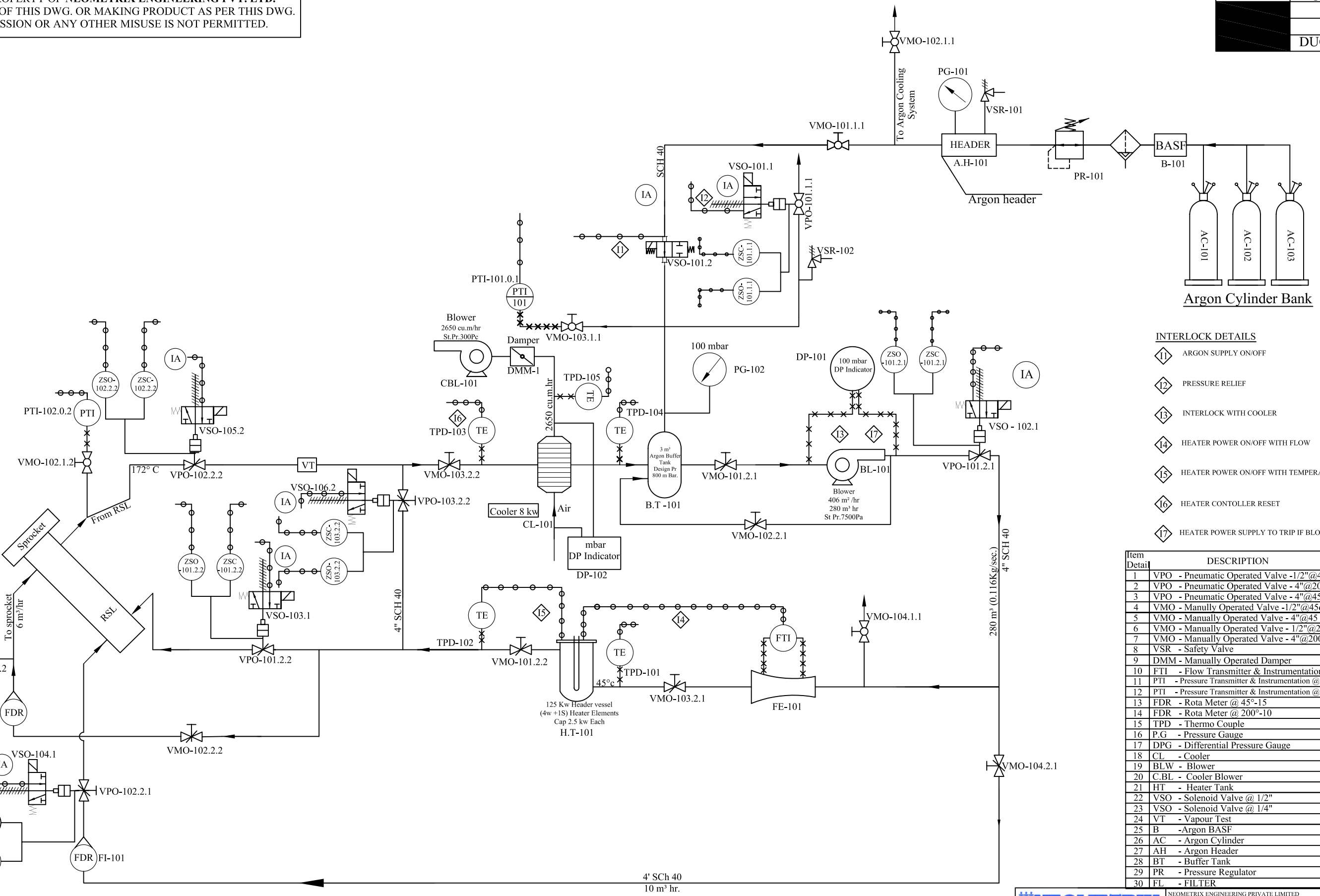
THIS DWG. IS SOLE PROPERTY OF **NEOMETRIX ENGINEERING PVT. LTD.**
UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG.
WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.

Colour	Pipe size
	1/2"
	4"
	DUCTING



INTERLOCK DETAILS

- I1 ARGON SUPPLY ON/OFF
- I2 PRESSURE RELIEF
- I3 INTERLOCK WITH COOLER
- I4 HEATER POWER ON/OFF WITH FLOW
- I5 HEATER POWER ON/OFF WITH TEMPERATURE
- I6 HEATER CONTOLLER RESET
- I7 HEATER POWER SUPPLY TO TRIP IF BLOWER STOP

Item Detail	DESCRIPTION	QTY
1	VPO - Pneumatic Operated Valve -1/2"@45deg	01
2	VPO - Pneumatic Operated Valve - 4"@200deg	03
3	VPO - Pneumatic Operated Valve - 4"@45deg	02
4	VMO - Manully Operated Valve -1/2"@45deg	04
5	VMO - Manually Operated Valve - 4"@45 deg	04
6	VMO - Manually Operated Valve - 1/2"@200 deg	02
7	VMO - Manually Operated Valve - 4"@200 deg	03
8	VSR - Safety Valve	02
9	DMM - Manually Operated Damper	01
10	FTI - Flow Transmitter & Instrumentation	01
11	PTI - Pressure Transmitter & Instrumentation @ 45°	01
12	PTI - Pressure Transmitter & Instrumentation @ 200°	01
13	FDR - Rota Meter @ 45°-15	01
14	FDR - Rota Meter @ 200°-10	01
15	TPD - Thermo Couple	05
16	P.G - Pressure Gauge	02
17	DPG - Differential Pressure Gauge	02
18	CL - Cooler	01
19	BLW - Blower	01
20	C.BL - Cooler Blower	01
21	HT - Heater Tank	01
22	VSO - Solenoid Valve @ 1/2"	01
23	VSO - Solenoid Valve @ 1/4"	06
24	VT - Vapour Test	01
25	B -Argon BASF	01
26	AC - Argon Cylinder	03
27	AH - Argon Header	01
28	BT - Buffer Tank	01
29	PR - Pressure Regulator	01
30	FL - FILTER	01

SYMBOLS	SERVICE
○ ○ ○ ○ ○ ○ ○	GAS LINE
× × × × × × ×	ELECTRICAL IMPULSE
	INSTRUMENT CAPILLARY TUBING
	INSTRUMENT AIR (IA)

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Fax No.- 0120-4500888
E-Mail: contact@neometrix.in

MAIN TITLE	ARGON HEATING SYSTEM					O.A No.	
SUB - TITLE	P&I DIAGRAM					CROSS REF. DOC.	-
CODE	A0860					CUSTOMER DWG. / REF. No.	-
CUSTOMER	IGCAR					NOTES:	
END USER	IGCAR						
APPLICATION	LCTR						
PROJECTION	DRAWN BY & DATE	PK	05/08/10	SIZE	SCALE	SHEET No. / OF	NEOMETRIX DWG. NO. / Rev.
	DESIGNED BY	SAM	05/08/10	A4	NTS	01 / 01	05
	APPROVED BY & DATE	SPS	10/08/10				