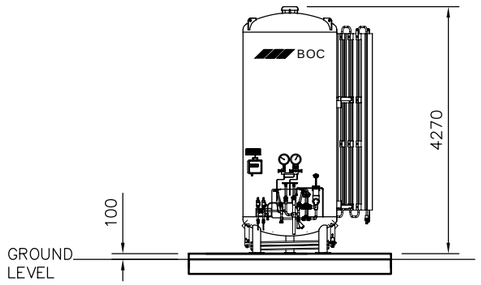
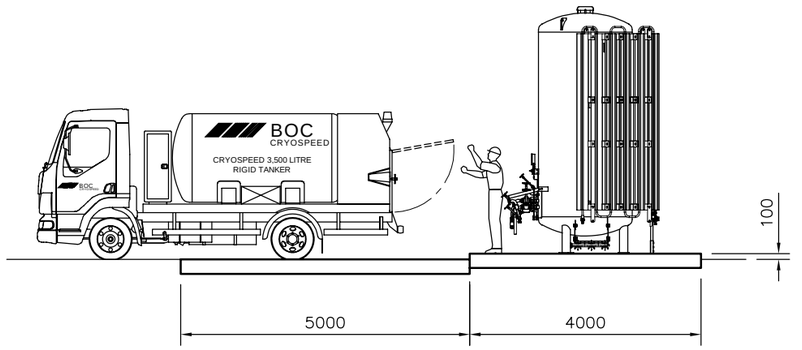
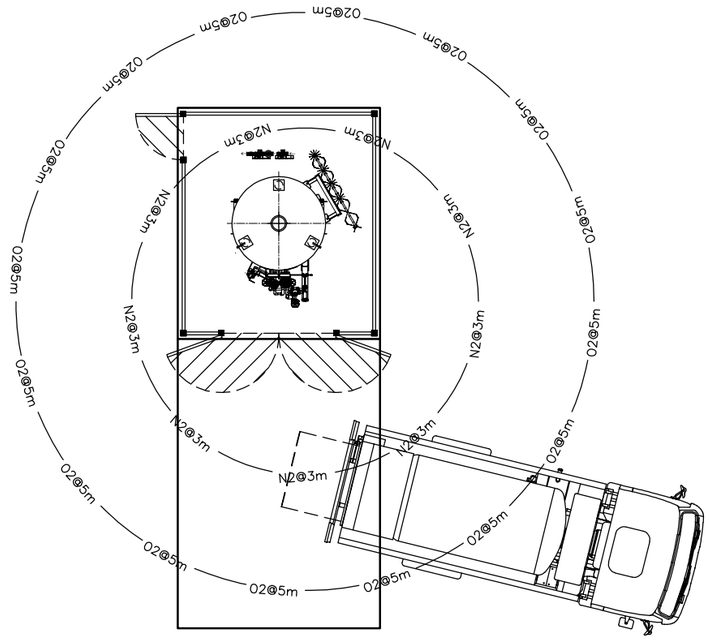
WARNING – OXYGEN
USE NO OIL OR GREASE
DURING OR AFTER ASSEMBLY

FRONT ELEVATION

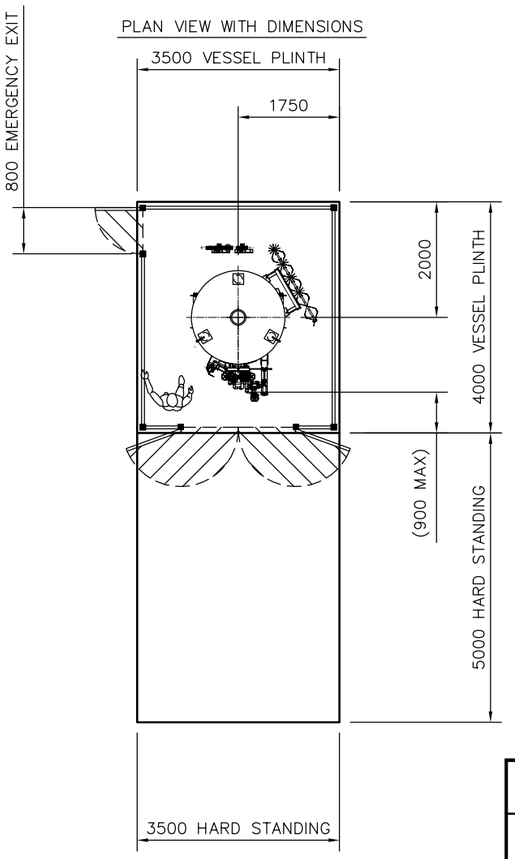


SIDE ELEVATION





PLAN VIEW WITH DIMENSIONS



V.I.E 31S	
LIQUID	OXYGEN/NITROGEN/ARGON
DIAMETER	1.62m
HEIGHT	4.27m
WEIGHT [EMPTY]	3,600kg
WEIGHT [FULL]	7,100kg [O_2]; 6,100kg [N_2]; 7,900kg [Ar]
SUPPORT DETAILS	3–FEET/LEGS [1.33m P.C.D]
FOOT PLATE SIZE	185mm x 185mm
BOLTING DOWN & PLINTH DETAILS	REF TECHNICAL DATA SHEET CESTD220
VIE MOUNTED P/RAISING VAPORISER – 19336763	
LIQUID	OXYGEN/NITROGEN/ARGON
TYPE	CRYOQUIP AMBIENT ALUMINIUM PBV
FLOW RATE	15–20m³/hr [O_2:N_2:Ar]
SIZE	0.24m x 0.56m
HEIGHT/LENGTH	1.55m
WEIGHT [DRY]	15kg
FEET DETAILS	N/A
BOLTING DOWN & PLINTH DETAILS	N/A BOLTED TO VESSEL JACKET SUPPORT FRAME UNDER VESSEL
VIE MOUNTED PROCESS VAPORISER – 19338023	
LIQUID	OXYGEN/NITROGEN/ARGON
TYPE	NIKKISO HYBRID AMBIENT ALUMINIUM STARFIN
FLOW RATE	100m³/hr [O_2:N_2:Ar]
SIZE	1.616m x 0.229m
HEIGHT	3.048m
WEIGHT [DRY]	111kg
FEET DETAILS	N/A – BOLTED TO VESSEL JACKET SUPPORT FRAME
BOLTING DOWN & PLINTH DETAILS	REF TECHNICAL DATA SHEET CESTD214
DN25 PSV STATION–19314221	
LIQUID/GAS	NITROGEN/ARGON
DESIGN PRESSURE	40 bar g
RELIEF VALVE SETTING	19 bar g
INLET CONNECTION	G1.25" MCR FOR 28Cu
OUTLET CONNECTION	G1.25" MCR FOR 28Cu
DN25 REGULATOR STATION–19315080/82	
LIQUID/GAS	NITROGEN/ARGON
DESIGN PRESSURE	30 bar g
FLOW RATE	0–200m³/hr
REGULATOR RANGE	0–3.8 / 8.6–15.5 bar g
RELIEF VALVE SETTING	14 bar g
INLET CONNECTION	G1.25" NUT & BULLNOSE
OUTLET CONNECTION	G1.25" MCR FOR 28Cu
CRYOSPEED 3500	
LIQUID	OXYGEN/NITROGEN/ARGON/CARBON DIOXIDE
CAPACITY	3500 Litres
LENGTH x WIDTH	6.0m x 2.2m
HEIGHT	2.8m
WEIGHT [EMPTY]	6,090kg
WEIGHT [FULL]	10,900kg [MAX. VEHICLE RATING]
TURNING CIRCLE	10.7m [Kerb to Kerb]

NOTES :

1.) SAFETY DISTANCES AS PER BCGA CODES OF PRACTICE – REFER TO CESTD008 FOR MORE DETAILS.
2.) EXTERNAL PLINTH LOCATION TO BE POSITIONED TO PROVIDE MAXIMUM FREE AIR MOVEMENT AND NATURAL SUNLIGHT WHEREVER POSSIBLE.
3.) ACCESS TO BOC PLINTH AREA TO BE KEPT CLEAR AT ALL TIMES.
4.) REFER TO CESTD004 FOR CONCRETE PLINTH AND CONCRETE HARDSTANDING SPECIFICATIONS.
5.) REFER TO CESTD004 FOR OPEN MESH METAL FENCING AND GATES SPECIFICATIONS, GATES TO OPEN 180 DEGREES.
6.) REFER TO CESTD004 FOR MAXIMUM FALL ALLOWED ON CONCRETE VESSEL PLINTH.
7.) BE AWARE OF GAS CLOUD DURING VESSEL FILLING ON SITE.
8.) CUSTOMER TO INSTALL AREA LIGHTING FOR BOC VESSEL PLINTH AND ACCESS ROADWAYS – TO ALLOW NIGHT TIME DELIVERIES OR EMERGENCY MAINTENANCE.
9.) CUSTOMER TO INSTALL 1 OFF 240V 3A POWER SUPPLY WITH LOCAL ISOLATOR, INCLUDING CABLING AND SUPPORTS – FOR BOC TELEMETRY UNIT.
10.) CUSTOMER TO INSTALL LIGHTNING PROTECTION TO BOC STANDARD ELE–07–01–RUK WHERE REQUIRED.

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IF IN DOUBT ASK

BOC
A Linde Company
Company No. 00337663

VIE MOUNTED-N2/Ar/O2-100-(N/M)-S-CATA

Title: VIE MOUNTED–N2/Ar/O2–100–(N/M)–S–CATA			
Customer: VIE31 (100Sm3/hr N2/Ar/O2)			
Drawn By: DRM	Scale: 1:75	Date: 17.04.26	
Project No: CRYOSP'D	Drg No: 01	Sheet No: 1/1	Issue: 1