



REV.	DATE	DESCRIPTION	ISSUED	CHECKED	APPROV.
OD	06/11/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OC	17/07/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OB	17/07/23	ISSUED FOR COMMENTS	PEZZOLI	CERONE	CERONE
OA	09/06/23	ISSUED FOR APPROVAL	PEZZOLI	CERONE	CERONE

THIS DWG can't be reproduced neither transmitted without the FIRM'S permission		ITEM E7500 E7600	
OBJECT	AIRCOOLER GENERAL ARRANGEMENT	SCALE	1:50
BOLDROCCHI BIASSONO		Dis.n° 252746/SQ230372	

DESIGN DATA	E7500	E7600
ITEM SERVICE	WARM BOOSTER AFTERCOOLER	COLD BOOSTER AFTERCOOLER
DESIGN CODE	ASME VIII DIV.1 Ed.2021 - AD 2000	
TEST	2014/68/EU "PED"	
HANDLED FLUID	NITROGEN	
DESIGN PRESS.	Bar g	50
HYDROSTATIC TEST PRESS.	Bar g	71.5
DESIGN TEMP.	°C	-25/+120
OPERATING TEMP. IN/OUT	°C	89.2/40.0
CORROSION ALLOWANCE	mm	1
AIRCOOLER NET WEIGHT	Kg	18.800
AIRCOOLER WEIGHT FULL OF WATER	Kg	20.740
AIRCOOLER WEIGHT IN OPERATING	Kg	18.910
QUANTITY	N.	1

MAX. ALLOWABLE MOMENT AND FORCES FOR NOZZLE

DN	MOMENTS (Nm)			FORCES (N)		
	Mx	My	Mz	Fx	Fy	Fz
10"	4070	6100	2550	6670	13340	10010
8"	3050	6100	2240	5690	13340	8010

POS.	Qty	ND	#	TYPE	SERVICE
N1	1	10"	600	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH WARM BOOSTER AFTER. INLET
N2	1	10"	600	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH WARM BOOSTER AFTER. OUTLET
V1	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT+ PLUG	WARM BOOSTER AFTER. VENT
D1	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT+ PLUG	WARM BOOSTER AFTER. DRAIN
N3	1	8"	600	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH COLD BOOSTER AFTER. INLET
N4	1	8"	600	ANSI B16.5 - WN-RF	SMOOTH FINISH 125-250 AARH COLD BOOSTER AFTER. OUTLET
V2	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT+ PLUG	COLD BOOSTER AFTER. VENT
D2	1	1/2"	6000	ANSI B16.11 HALF COUPLING NPT+ PLUG	COLD BOOSTER AFTER. DRAIN

- NOTES
- 1) ALL DIMENSIONS ARE IN mm
 - 2) FLANGES HOLES STRAGGERED RESPECT TO THE MAIN AXES OF THE EQUIPMENT.
 - 3) FOR DETAILS ABOUT PAINTING CYCLE SEE PAINTING SPECIFICATION N.PS-230372-02
 - 4) TO DISMANTLE ELECTRIC MOTORS USE A HAND CHAIN HOIST WITH TOP HOOK SUSPENSION
 - 5) MINIMUM RANGE 250 kg (NOT IN BOLDROCCHI SCOPE OF SUPPLY).
 - 6) MOTOR CABLE TRAYS AND ITS SUPPORTS NOT IN BOLDROCCHI SCOPE OF SUPPLY.

Rev	Datum	Beschreibung	erstellt	geprüft	freigegeben	Datum	freigegeben
06.11.2023	09.06.2023	09.06.2023	09.06.2023	09.06.2023	09.06.2023		

Projekt - Nr.	DG-001115	Standort / Projektname	SIAD M.I.
Zeichnungsbenennung		LNG LIQUEFACTION PLANT	
Firmenname		bioplusLNG	
Schutzvermerk		ISO 16016 beachten	
Blattgr./Maßst. 1/	A1 1:50	F-Tech Standortkurzname	520 REZH
A-Art		599 001 005 PLG 001 01-0D	