

LEGEND:



Hand operated valve



Pump



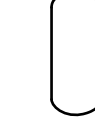
Check valve



Air-water heat exchanger / cooler



Spectacle blind



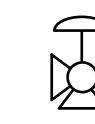
Expansion vessel



Flanged connection



Air fan with electric motor drive



3-way control valve

Notes and Remarks:

Complete VSD cooling system is in scope of the EMCS supplier.

Note 1: Air-water heat exchanger installed outdoors

Note 2: Redundancy requirements for the VSD cooling system as per Annex 1

Note 3: Requirements for I&C equipment as per Annex 1

Note 4: Disposition drawing for the equipment located in the Electrical Building as per Annex 1, Attachment 1.20

Abbreviations:

DI de-ionized

EMCS Electro Motor Compressor Set

E-Motor LV Electric Motor

I&C Instrumentation and Controls

MV Medium Voltage

VSD Variable Speed Drive

000	26.05.2017	APPROVED	Bollgruen	Fanaca	Foltin
B01	25.04.2017	Issue for Review	Bollgruen	Fanaca	Foltin
A01	18.04.2017	Issue for IDC	Bollgruen	Team	
REV	DATUM DATE	VÝDÁNÍ, DRUH ZMĚNY ISSUE, SCOPE OF REVISION	VPRACOVAL PREPARED	KONTROLOVAL CHECKED	SCHALIL APPROVED

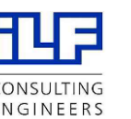
KLIENT / CLIENT:	

NET4GAS, s. r. o.



PROJEKTANT / ENGINEERING CONTRACTOR:

ILF CONSULTING ENGINEERS



PROJEKT / PROJECT:	CAPACITY FOR GAS - C4G Kompresní Stanice Jirkov 73 bar Compressor Station Jirkov 73 bar
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STUPEŇ / PHASE:
STUDIE PROV.
FEAS. STUDY

DRAWING TITLE / NÁZEV VÝKRESU:

VSD Cooling System – Schematics
Annex 1, Attachment 1.15

MĚŘÍTKO / SCALE:		PROJ.-No.:	Č. VÝKRESU / DRAWING NO.:	LIST / SHEET	Z / OF
Original size A2		N663	C4G-JI73-ILF-KS007-STR-DIA-131	1	1

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