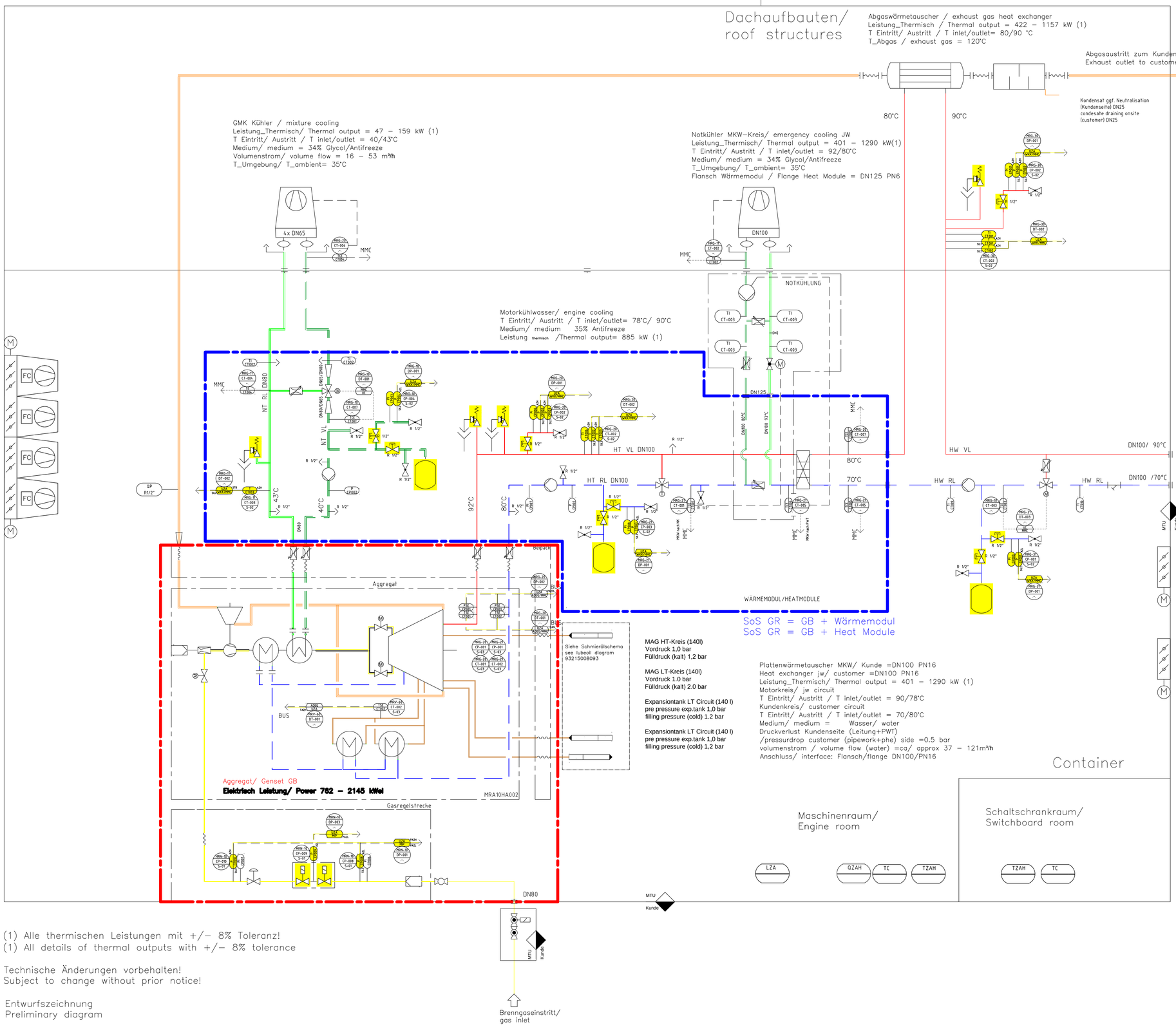

(1) Alle thermischen Leistungen mit +/– 8% Toleranz!
(1) All details of thermal outputs with +/– 8% tolerance

Technische Änderungen vorbehalten!
Subject to change without prior notice!

Entwurfszeichnung
Preliminary diagram

AP001	Centrifugal pump
AA001	Shut off valve
AA001	Butterfly valve
AA001	Three way valve
AA001	Throttle valve
BP001	Throttle orifice
	Venting
AA001	Safety valve
BB001	Expansion tank
AA001	Valve with cap
AT001	Strainer
AA001	Non return flap/valve
AC001	Plate heat exchanger
MTU	Limiter scope of supply
PI CP001	pressure gauge
TI CT001	temperature gauge
P	connection for pressure gauge
T	connection for temperature gauge
	Sensor - central control room
	Controller
STB T AZH SIL2 UZA MMC	Safety temperature limiter (STLmax)
TE AZH SIL2 UZA MMC	Safety temperature limiter (Sensor)
SDB P AZH SIL2 UZA MMC	Safety pressure limiter (SPLmax)
TCE UC MMC	Temperature controller for FC table cooler
TSE UC MMC	Temperature controller step switch for table cooler
Label for components	KKS system code KKS aggregate code KKS equipment unit code
Label for measuring and control equipment	KKS system code KKS aggregate code KKS equipment unit code
TI CT001	PCE code KKS aggregate code

Caption:

Piping		Short term
Feed VL Return RL	High temperature cooling water	CHT
Feed VL Return RL	Low temperature cooling water	CLT
Feed VL Return RL	Emergency cooling water	ECW
Feed VL Return RL	Heating water	HW
	Charge air	CA
	Exhaust gas	EX
	Bio fuel gas	BFG
	Condensate - exhaust gas	CoEX
	Lube oil	LO
	System boundary	
	Electrical	
	Electrical (safety related)	
STB T AZH SIL2	Safety related equipment is highlighted yellow	

Entstanden aus / Originated from	R&I Fließbild nach	DIN EN 12828	Maßstab / Scale: ohne	Masse/Mass: kg	Format/Size: A0
Ersatz für / Replaced for	MTU - Version				
Verwendet bei / Typ / Applicable to / Model	P&I diagramm per	DIN EN 12828	Werkstoff / Material: —		
Projekt-/Auftrags-Nr. / Project/Order No.	MTU - Standard		Fertigung/Modell/Gerätetyp / Construction/Product/Pattern/Die: —		
Reference-Nr./Reference No.			Benennung/Title:		
			R&I Schema GB GR Container 8–20 V P&ID diagram GB GR container 8–20 V		
	AZAD	Datum/Date	Name		
	Gezeichnet / Drawn:	24.09.14	Ulicoy		
	Geprüft / Checked:	24.09.14	Knobel		
	Norm / Stand:				
	AD / Dept:				

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Zeichnungs-Nr./Drawing No.: EZ – 5470

Blatt/Sheet: 1/1

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