

VARIANT 2
1x PUMP
(1 : 100)

LNG TANK - 01H100		VT 32/11 LNG	VT 41/11 LNG	VT 50/11 LNG	VT 50/11 LNG	VT 70/11 LNG	VT 80/11 LNG	VT 89/11 LNG	VT 98/11 LNG	VT 108/11 LNG
GEOMETRICAL VOLUME	m ³	32,43	41,83	51,23	60,63	70,03	79,43	87,1	96,5	105,9
NET VOLUME - 90%	m ³	29,19	37,65	46,11	54,57	63,03	71,49	78,39	86,85	95,31
REAL VOLUMES CAN BE IN TOLERANCE OF ±4%										
OVERALL LENGHT "L"	mm	9184	11015	12845	14676	16507	18338	20178	22009	23840
TANK EMPTY WEIGHT	kg	13510	15910	18360	20800	23090	25530	30340	32780	35290
OPERATING WEIGHT	kg	27990	34590	41240	47880	54360	61000	69240	75870	82580
1 LEG / ANCHOR BOLT	ANCHOR BOLTS SHALL BE CLASS 8.8 ACC. EN ISO 898-1. ANCHOR BOLTS ARE NOT IN CHART FEROX's SCOPE									
	2 x M22 / Leg	2 x M27 / Leg	2 x M30 / Leg	2 x M33 / Leg	2 x M39 / Leg	2 x M42 / Leg	2 x M45 / Leg	2 x M52 / Leg	2 x M52 / Leg	
	ANCHOR BOLTS SHALL BE CLASS 10.9 ACC. EN ISO 898-1. ANCHOR BOLTS ARE NOT IN CHART FEROX's SCOPE									
	2 x M18 / Leg	2 x M22 / Leg	2 x M27 / Leg	2 x M30 / Leg	2 x M33 / Leg	2 x M36 / Leg	2 x M39 / Leg	2 x M42 / Leg	2 x M45 / Leg	

DESIGN REGULATION	DIRECTIVE 2014/68/EU
DESIGN CODE	FN13458-2
MATERIAL OF INNER VESSEL	1.4301 - PRESSURE STRENGTHENED VESSEL
MATERIAL OF OUTER JACKET	S235JO
FLUID	LIQUID NATURAL GAS
MAX. ALLOWABLE PRESSURE	11 bar
MIN./MAX. ALL. TEMPERATURE INNER VESSEL	-196 / +50°C
MIN./MAX. ALL. TEMPERATURE OUTER JACKET	-40 / +50°C
FIRE RESISTANCE	R60 ACC. TO ISO 16924

LIN TANK - 93H100		VT 6/18	LIN TANK - 93H100		VT 9/18
GEOMETRICAL VOLUME	m ³	6.15	GEOMETRICAL VOLUME	m ³	8.88
NET VOLUME - 95%	m ³	5,84	NET VOLUME - 95%	m ³	8.44
REAL VOLUMES CAN BE IN TOLERANCE OF ±4%			REAL VOLUMES CAN BE IN TOLERANCE OF ±4%		
OVERALL LENGHT	mm	5841	OVERALL LENGHT	mm	7672
TANK EMPTY WEIGHT	kg	3960	TANK EMPTY WEIGHT	kg	5190
OPERATING WEIGHT	kg	8690	OPERATING WEIGHT	kg	12010
1 LEG / ANCHOR BOLT	2 x M16 / Leg		1 LEG / ANCHOR BOLT	2 x M20 / Leg	
ANCHOR BOLTS SHALL BE CLASS 8.8 ACC. EN ISO 898-1.			ANCHOR BOLTS SHALL BE CLASS 8.3 ACC. EN ISO 898-1.		
ANCHOR BOLTS ARE NOT IN CHART FEROX'S SCOPE			ANCHOR BOLTS ARE NOT IN CHART FEROX'S SCOPE		

ITEM	NAME	QTY
01H100	LNG TANK VT.../11	1
93H100	LIN TANK VT.../18	1
73S100	OFFLOAD SKID	1
95S100	CONTROL & SAFETY SYSTEM	1
10D100	LNG DISPENSER	1
10D200	LNG DISPENSER	1

Tabulka	
	DWG.
FOUNDATION PLAN	K1007490
EXPLOSIVE AREA	K1007503

- THE FOUNDATION PLAN IS ACCORDING TO ISO 16 924
- THE FOUNDATION SHALL HAVE THE CONTAINMENT PIT ACCORDING TO ISO 16 924
- FOUNDATION SLAB AND VIP CULVERT HAVE TO BE DRAINED OFF.
- **THE ANCHORING BOLTS, WASHERS AND NUTS ARE NOT IN THE SCOPE OF CHART FEROX.**
- THE FOUNDATION SLAB SHALL BE NOT COVERED WITH GRAVEL OR VEGETATION.
- THE LNG FUELING STATION SHALL INCLUDE CONTAINMENT PIT.
- THE ANCHORING BOLTS OF ALL PIPING SUPPORTS AND SKIDS ARE REACHED MAX. 200 mm UNDER THE GROUND.
- CIVIL CONSTRUCTION COMPANY IS RESPONSIBLE FOR THE FINAL DESIGN.
- ALL EQUIPMENT SHALL BE PROPERLY LIT AND GROUNDED.
- THE DIMENSIONS OF CULVERT ON THE DRAWING ARE THE MINIMUM POSSIBLE.

1	Reviz. & ECH No.	Popis revize Revisions Description	09.06.2021	UHLIŘEKAL	STEJSKAL	NAVŘÁTIL
	Reviz. & ECH No.		Date	Proved	Drawn	Schválil Approved
Měřitko: Scale:	1:100	Poznámka: Note	Celk.hm [kg] Tot.Mass[kg]		Formát: Form: A1	
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OTHERWISE NOT STATED. TOLERANCES ACC. ZT004322						
Název: Title:		LAYOUT - STANDARD			Číslo výkresu: Drawing No: K1007494_R1	
Chart Ferox					List: Sheet: 2	
					List: Sheet: 4	

Tabulka	
FOUNDATION PLAN	DWG.
EXPLOSIVE AREA	K1007503

