

Nozzles Tank Top						
pos.	designation	piece	DN	PN	height above ground (mm)	location in degrees
D1	manhole	1	ø600	10	16000	90
D2	ventilation	3	200	16	16000	351/342/333
D3	gauging and sampling device (with protection pipe DN150)	1	150	16	16000	0
D4	level measurement (with protection pipe DN300) ENRAF	1	350	16	16000	9
D5	temperature measurement (with protection pipe DN65) Radar	1	100	16	16000	18
D6	level measurement (Endress+Hauser Micropilot)	1	250	16	16000	60
D7	reserve nozzle + blind flange	1	50	16	16000	27
D8	reserve nozzle + blind flange	1	200	16	16000	36
D9	nozzle for pressure release piping	1	50	16	16000	99
D10	measuring nozzle for double floor (blind flange)	1	100	16	16000	280
D11	measuring nozzle for double floor (blind flange)	1	100	16	990	45
D11	nozzle for overfill probe (blind flange + sleeve)	1	50	16	16000	315
D12	nozzle for pressure monitoring	1	50	16		54
	sprinkler system with brackets					90

Tank T1 and T3

V= 5.000m³

H Tank total= ca. 17,5m

H Tank cylinder= 16,0m

H Tank shell= 14,0m

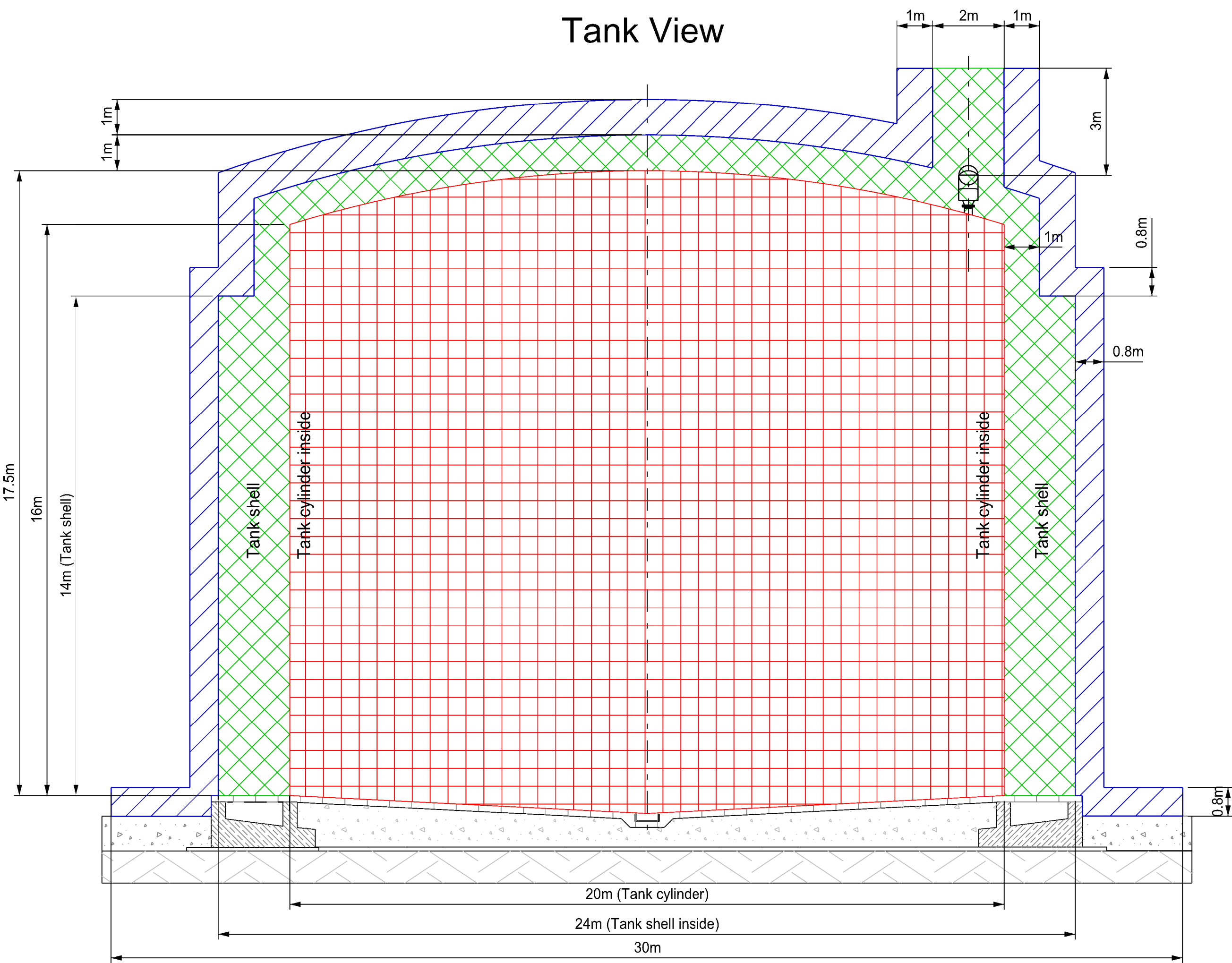
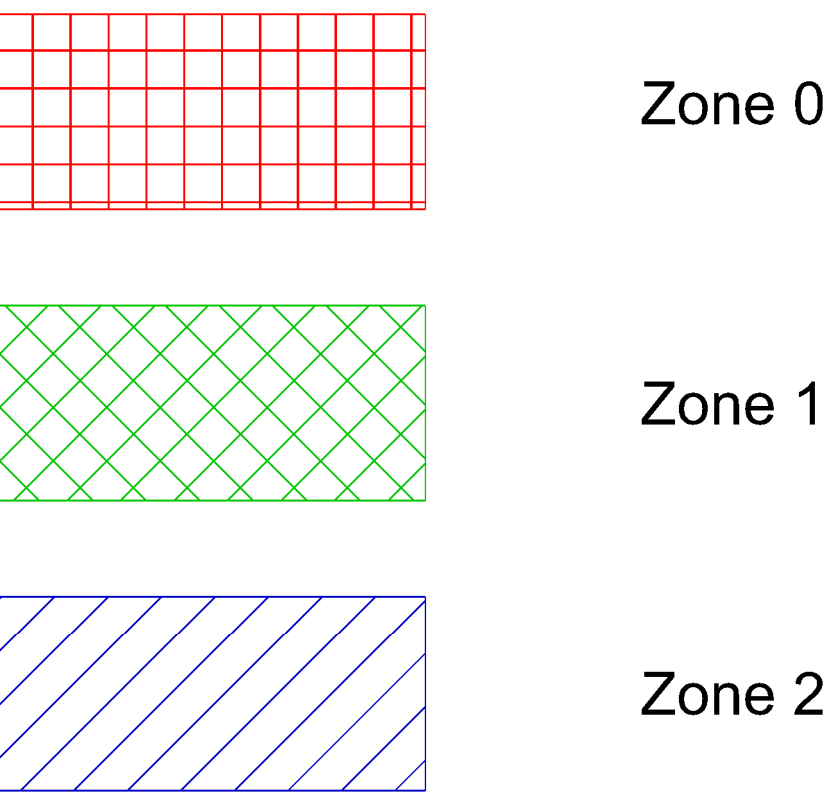
Ø Tank= 20,0m

Ø Tank shell= 24,0m

Explosion endanger area

around the tanks and emptying points corresponding TRBS 2152-2

the inside of tanks, containers, equipment and piping is not shown.



Phase V - Functional Tender

				Kunde / client	
				lux-Airport s.a. 	
				Projekt / project	
				Luxembourg Airport New Aviation Fuel Facilities	
				Société de l'Aéroport de Luxembourg S.A.	
				Benennung / title	
				Explosion area	
				Unit 3 - Tank 1 and Tank 3	
				Zeichn. Nr. / drw. no.	
				2020-PJ-285-I-021	
				Blatt / sh.	
				1	
				Bl. / sh.	
				5	

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