

BEREGNING AV LEDERTALL FOR SPRINKLERSYSTEM

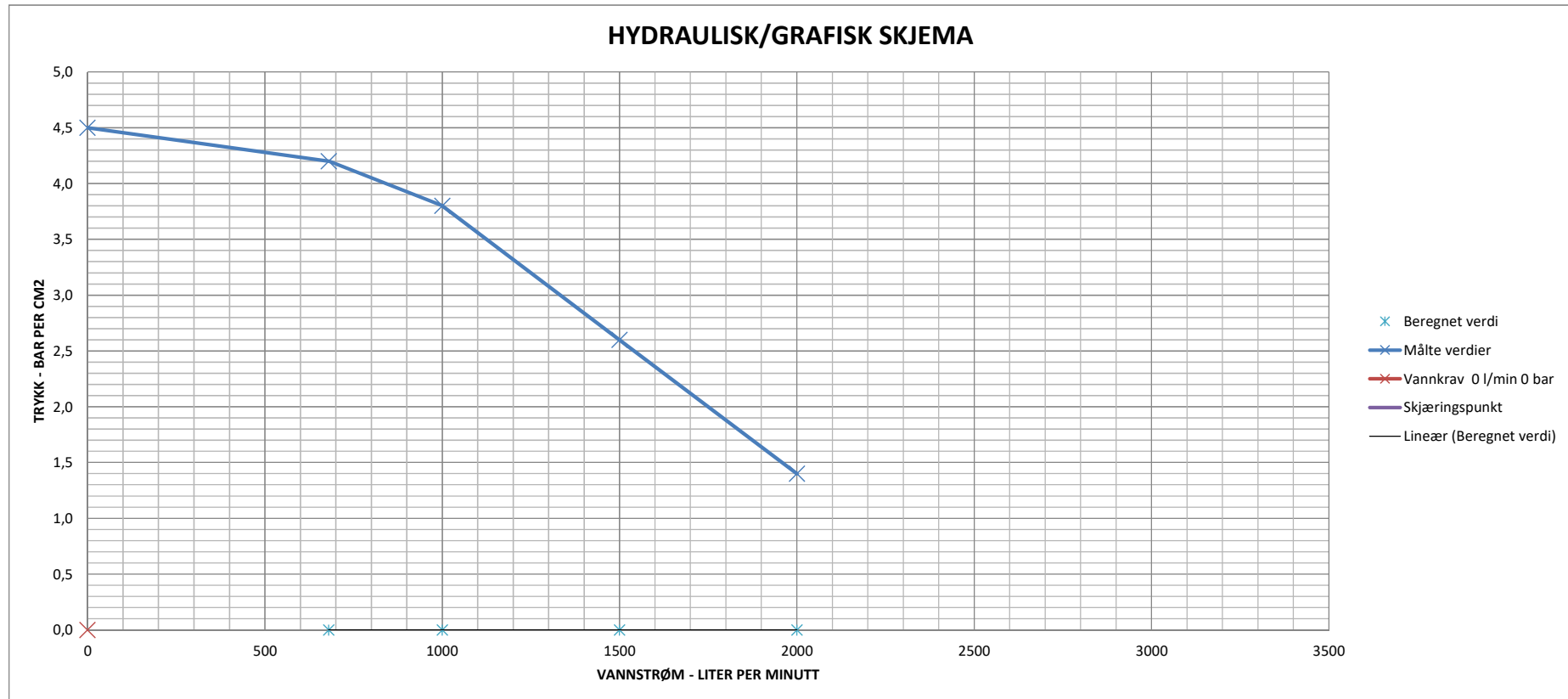


Prosjekt: Tannbygget, Tromsø
Prosjektnummer: 1015
Oppdragsansvarlig: Kurt R. Olaussen
Saksbehandler: Kurt R. Olaussen

Dato: 13.09.2018
Tid: 12.30
Kontrollert:

Dimensjonerings kriterier
Statisk trykk: 0 bar
Restrykk: 0,00 bar
Vannstrøm: 0 L/min

P/Q, hovedvannledning	
4,5 Bar	0 L/min
4,2 Bar	680 L/min
3,8 Bar	1000 L/min
2,6 Bar	1500 L/min



$$\text{Ledetall } L = \frac{0 \text{ liter tilgjengelig vannstrøm}}{0 \text{ i vannkrav}} = 0,00$$

Merknad:

Test certificate

Serial number: 81861
 Type: Turbo-Lux 3
 Connection: 4"/DN 100 grooved ends (ø 114,3)
 Measuring fluid: Water
 Flow range: Pump 450 USGPM (Flow range: 180 - 900 USGPM)

Test:	Result:	Confirmation:
Control of material	no objection	<input checked="" type="checkbox"/>
Control of dimensions	no objection	<input checked="" type="checkbox"/>
Functional test	no objection	<input checked="" type="checkbox"/>
Visual inspection	no objection	<input checked="" type="checkbox"/>

Measuring accuracy for bypass meter

Set value			Allowable deviation			Accuracy (%)	Differential pressure (mbar)		
(lpm) (calculated)	(%)	(USGPM) (calculated)	FM ± (%)	LPCB ± (%)	VdS ± (%)		measured	min.	max.
3407	200	900	2,0	5,0	2,5	0,1	830,0	796,0	862,5
2725	160	720	2,5	5,0	3,1	-0,1	529,0	504,3	557,5
2044	120	540	3,3	5,0	4,1	0,4	301,0	278,8	318,6
1703	100	450	4,0	5,0	5,0	-0,3	206,0	191,0	224,2
1363	80	360	5,0	5,0	6,2	0,1	133,0	119,7	146,2
852	50	225	8,0	5,0	10,0	-1,4	50,4	46,8	57,1
681	40	180	10,0	5,0	12,5	-2,2	31,7	29,9	36,6

The indicated instrument meets the accuracy data published in the specifications.

We hereby confirm that this calibration is traceable within the specified uncertainty limits through measurement standards which are regularly calibrated against and maintain traceability to the European standards.

Location: Kerpen



Date: 28.05.2018

Signature: