

Environmentally safe clearing of transformer bunds

ARTICALE NR.	CAPACITY
SIPP Node 500	50 m ³ / year
SIPP Node 2000	200 m ³ / year
SIPP Node 5000	500 m ³ / year

DESCRIPTION

SIPP Node™ is used to automatically clear rainwater from the transformer oil catching bund. SIPP Node ensures that only water purer than the set limit for oil content (PPM) is pumped out.

FUNCTION

SIPP Node™ has a unique measuring cell for measuring oil content in flowing water and automatically clears bund of rainwater, ensuring that there is always capacity for oil in the bund in the event of a transformer failure.

SIPP Node™ meets all requirements of the environmental laws and requirements. After each discharge a protocol is created stating how much water was discharged, the average oil content and geographic location. Your verification of an environmentally safe clearing of your transformer bunds.

CAPACITY CHART

Chart to determine which SIPP device (pumping capacity) you need at each substation.

	Rainfall (mm)										Volym each year (m ³)									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
2000	20	40	60	100	140	180	220	260	300	340	20	40	60	100	140	180	220	260	300	340
1500	15	30	45	75	105	135	165	195	225	255	15	30	45	75	105	135	165	195	225	255
1400	14	28	42	70	98	126	154	182	210	238	14	28	42	70	98	126	154	182	210	238
1300	13	26	39	65	91	117	143	169	195	221	13	26	39	65	91	117	143	169	195	221
1200	12	24	36	60	84	108	132	156	180	204	12	24	36	60	84	108	132	156	180	204
1100	11	22	33	55	77	99	121	143	165	187	11	22	33	55	77	99	121	143	165	187
1000	10	20	30	50	70	90	110	130	150	170	10	20	30	50	70	90	110	130	150	170
900	9	18	27	45	63	81	99	117	135	153	9	18	27	45	63	81	99	117	135	153
800	8	16	24	40	56	72	88	104	120	136	8	16	24	40	56	72	88	104	120	136
700	7	14	21	35	49	63	77	91	105	119	7	14	21	35	49	63	77	91	105	119
600	6	12	18	30	42	54	66	78	90	102	6	12	18	30	42	54	66	78	90	102
500	5	10	15	25	35	45	55	65	75	85	5	10	15	25	35	45	55	65	75	85

Collecting surface area (m²)

SUBJECT TO CHANGES AND PRINTING ERRORS. PRODUCT DATA SHEET MAY ONLY BE REPRODUCED IN ITS ENTIRETY.



SIPP Node 500



SIPP Node 2000



SIPP Node 5000

SPECIFICATIONS

	SIPP NODE 500	SIPP NODE 2000	SIPP NODE 5000
Capacity	50 m ³ / year	200 m ³ / year	500 m ³ / year
Measuring range (oil)	0 - 20 ppm		
Measurement precision	±1ppm		
Temperature range	-40 to +60° C		
Power supply	90-260VAC, 50/60 Hz, 10 A-D or 16 A-T		
Communication	GPRS/3G with fixed IP		
Security	SLL encryption		
Dimensions	210 x 900 x 440 mm	760 x 600 x 250 mm	760 x 760 x 300 mm
Weight	25 kg	52 kg	60 kg
Cabinet material	Painted aluminium / Stainless steel	Painted aluminium / Stainless steel	Painted aluminium / Stainless steel

APPROVALS



INSTALLATION

- The equipment must be installed by certified personnel in accordance with prescribed instructions.
- Customer is responsible for correct electrical installation.
- Customer ensures that the equipment is powered by 90-260VAC, 10 A-D or 16 A-T.

SIPP Node 500

Mounted on wall or embankment with included wall mount and mounting post.

See separate document for more detailed instructions.

SIPP Node 2000 / SIPP Node 5000

Mounted directly on wall or poles (not supplied), see specifications for size.

See separate document for more detailed instructions.