

TECHNOLOGIES BIONEST INC.
(BIONEST TECHNOLOGIES INC.)

55, 12e Rue
Shawinigan, Québec G9T 5K7

CAN/BNQ 3680-600/2009-05-01
M2 (2017-07-18)

Onsite Residential Wastewater Treatment Technologies

Certificate number: **3226**
Issue date: **2020-05-12**
Expiry date: **2021-07-31**

Stand-alone Wastewater Treatment Systems

Bionest Model BTT (Two Tanks) and BST (Single Tank)

Capacity :

Model Designation	Hydraulic Capacity	Primary treatment Minimal Volume	Bionest Reactor Minimal Volume
	L/d	m ³	m ³
BTT-1325	1 325	1,3	2,7
BTT-1800	1 800	1,8	3,7
BTT-2250	2 250	2,3	4,6
BTT-2750	2 750	2,8	5,7
BTT-3400	3 400	3,4	7,0
BTT-3900	3 900	3,9	8,1
BTT-4900	4 900	4,9	10,2
BTT-6250	6 250	6,3	12,9
BTT-8900	8 900	8,9	18,4
BTT-10000	10 000	10,0	20,7
BST-1250	1 250	1,3	2,6
BST-1700	1 700	1,7	3,5
BST-2100	2 100	2,1	4,3
BST-2600	2 600	2,6	5,4

Certificate details

Treatment class : Class B-IV.

Influent wastewater Temperature: The tests specified in sections 8.3 and 8.4 were carried out with influent wastewater at a minimal controlled temperature of 11 °C ± 1 °C.

Other : The primary treatment can be used with or without effluent pre-filter. For BTT models, the primary treatment can consist of a tank (with or without pre filter) having a partition wall. The minimum retention time for this primary treatment should then be 1.5 days.



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List of recognized assemblers for concrete tank system

Brooklin Concrete Products
PO BOX 370
Brooklin ON L1M 1B5

Moose Creek Cement Products
16525 Sixth Road
Moose Creek ON K0C 1W0

Winona Concrete & Pipe Products
489 Main Street West
Grimsby ON L3M 1T4

MacGregor Concrete Products
22 Anderson Street
PO BOX 142
Beachburg ON K0J 1C0

Reid's Precast Cement Products
1244 County Road 28, RR# 4
Langton ON N0E 1G0

List of recognized assemblers for plastic tank system

Brooklin Concrete Products
PO BOX 370
Brooklin ON L1M 1B5

ESSE Canada
416 Elgin Street
PO BOX 35
Brantford ON N3T 5M3

Near North Supply
191 Big Bay Point Road
Barrie ON L4N 0M6



Bureau de normalisation
du Québec

BNQ is a member of the National
Standards System (NSS).

ANNEX TO THE CERTIFICATE

TECHNOLOGIES BIONEST INC.
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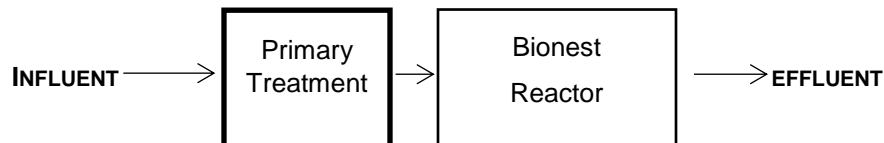
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PROCESS DIAGRAM OF BIONEST SYSTEM





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HISTORY	
Date	Modification description
2019-07-03	Certification of models Bionest BTT and BST
2019-07-24	Update of the certificate according to the modifications M2 of the standard and M1 of the protocol. Certificate correction: BTT-6250-MAC model added
2019-12-19	Certificate correction: addition of BTT-1325, BST 1250 and BST 1700 models, removal of BTT-1100, BST 1100 and BST 1600 models
2020-05-12	Addition of a specification to the certificate for BTT models

THE ANNEX IS AN INTEGRAL PART OF THE CERTIFICATE.