



AMTEC

Brand: \_\_\_\_\_ Manufacturer: \_\_\_\_\_  
Model: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_  
Serial No.: \_\_\_\_\_ Date of Test: \_\_\_\_\_  
Test Requested By: \_\_\_\_\_ Location of Test: \_\_\_\_\_

**SPECIFICATIONS**  
(Rotary Composter)

Item		Manufacturer's Specification
1	Main structure	
1.1	Overall dimensions, mm	
1.1.1	Length	
1.1.2	Width	
1.1.3	Height	
1.2	Weight, without prime mover, kg	
2	Rated loading capacity, kg/batch	
3	Total power consumption, kW	
4	Loading/Unloading door	
4.1	Number	
4.2	Dimension of opening, L × W, mm	
4.3	Material	
5	Composting chamber	
5.1	Dimension, L × D, mm	
5.2	Orientation	
5.3	Material	
5.4	Mixing device	
5.4.1	Mixing blade/paddle/ribbon	
5.4.1.1	Number	
5.4.1.2	Dimension, L × W × t, mm	
5.4.1.3	Material	
5.4.2	Mixing baffle	
5.4.2.1	Number	
5.4.2.2	Dimension, L × W × t, mm	
5.4.2.3	Material	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_ Applicant Signature: \_\_\_\_\_  
(If the applicant provided the specifications on-site/during the testing operation)



Item		Manufacturer's Specification
6	Discharge chute/slide	
6.1	Dimension, L × W × t, mm	
6.2	Height from the ground, mm	
6.3	Material	
7	Air vent	
7.1	Number	
7.2	Dimension, L × W, mm	
7.3	Size of perforation, mm	
8	Main frame	
8.1	Dimension, L × W, mm	
8.2	Material	
9	Enzyme injection system	
9.1	Enzyme solution tank	
9.1.1	Dimension, L × D, mm	
9.1.2	Diameter of pipeline, mm	
9.1.3	Material	
9.2	Pump	
9.2.1	Brand	
9.2.2	Model	
9.2.3	Serial number	
9.2.4	Make or manufacturer	
9.2.5	Type	
9.2.6	Maximum discharge, m <sup>3</sup> /h	
9.2.7	Maximum total head, m	
10	Blower	
10.1	Type	
10.2	Brand	
10.3	Model	
10.4	Rated power, kW	
10.5	Rated speed, rpm	
10.6	Rated flow rate, m <sup>3</sup> /h	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_

(If the applicant provided the specifications on-site/during the testing operation)



AMTEC

Item	Manufacturer's Specification
11 Prime mover	
11.1 Electric motor 1 (Composting mechanism)	
11.1.1 Brand	
11.1.2 Model	
11.1.3 Serial number	
11.1.4 Make	
11.1.5 Rated power, kW	
11.1.6 Rated speed, rpm	
11.1.7 Electric service required	
11.1.8 Voltage, V	
11.1.9 Current, A	
11.1.10 Frequency, Hz	
11.2 Electric motor 2 (Blower)	
11.2.1 Brand	
11.2.2 Model	
11.2.3 Serial number	
11.2.4 Make	
11.2.5 Rated power, kW	
11.2.6 Rated speed, rpm	
11.2.7 Electric service required	
11.2.8 Voltage, V	
11.2.9 Current, A	
11.2.10 Frequency, Hz	
11.3 Electric motor 3 (Enzyme injection system)	
11.3.1 Brand	
11.3.2 Model	
11.3.3 Serial number	
11.3.4 Make	
11.3.5 Rated power, kW	
11.3.6 Rated speed, rpm	
11.3.7 Electric service required	
11.3.8 Voltage, V	
11.3.9 Current, A	
11.3.10 Frequency, Hz	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_  
(If the applicant provided the specifications on-site/during the testing operation)



AMTEC

Item		Manufacturer's Specification
12	Speed reducer	
12.1	Brand	
12.2	Model	
12.3	Speed ratio	
13	Power transmission system	
13.1	Prime mover to speed reducer input	
13.1.1	Prime mover <sup>a</sup>	
13.1.2	Speed reducer input <sup>a</sup>	
13.1.3	Belt size	
13.2	Speed reducer output to composting chamber	
13.2.1	Speed reducer output <sup>b</sup>	
13.2.2	Composting chamber <sup>b</sup>	
13.3	Others (please specify)	
14	Safety devices	
15	Special features	

<sup>a</sup> Pulley diameter, mm × number of belts × shaft diameter, mm

<sup>b</sup> Number of teeth

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_

(If the applicant provided the specifications on-site/during the testing operation)