



AMTEC

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

SPECIFICATIONS

(Heated-Air Mechanical Grain Dryer-Recirculating/Batch Type)

Item	Manufacturer's Specification ^a
1 Drying rate, %/h	
2 Overall dimensions, mm (installed)	
2.1 Length	
2.2 Width	
2.3 Height	
3 Drying bin	
3.1 Type	
3.2 Dimensions, mm	
3.2.1 Length	
3.2.2 Width/Diameter	
3.2.3 Height	
3.3 Holding capacity, kg	
3.4 Maximum grain depth, mm	
3.5 Material	
3.5.1 Frame	
3.5.2 Holding bin	
3.5.3 Wall	
4 Fan	
4.1 Type	
4.2 Brand and model	
4.3 Air flow rate, m ³ /min	
4.4 Static pressure, Pa	
4.5 Material	
4.6 Prime mover	

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
5	Heater	
5.1	Type	
5.2	Brand and model	
5.3	Fuel	
5.4	Heat output, kJ/h	
5.5	Fuel consumption rate, L/h	
5.6	Capacity of fuel tank, L	
5.7	Mechanism for fuel feed	
5.8	Method of temperature control	
5.9	Material	
5.10	Others (specify)	
6	Material handling system	
6.1	Dump pit	
6.1.1	Pit dimension, mm	
6.1.1.1	Length	
6.1.1.2	Width	
6.1.1.3	Height	
6.1.2	Material	
6.1.3	Other features	
6.2	Elevators	
6.2.1	Number	
6.2.2	Height, m	
6.2.3	Capacity, t/h	
6.2.4	Belt dimensions, W × t, mm	
6.2.5	Elevator buckets	
6.2.5.1	Dimensions, L × W × t, mm	
6.2.5.2	Material	
6.2.6	Drive motor	
6.2.6.1	Type	
6.2.6.2	Rated power, kW	
6.2.6.3	Rated speed, rpm	
6.2.6.4	Electric service required	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: _____

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



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Item	Manufacturer's Specification
6.2.6.5 Current, A	
6.2.6.6 Voltage, V	
6.2.6.7 Frequency, Hz	
6.2.7 Material	
6.2.8 Other features	
7 Instruments and controls	
7.1 Drying air temperature	
7.1.1 Location	
7.2 Grain temperature	
7.2.1 Location	
7.3 Grain moisture content	
7.3.1 Location	
8 Safety features	
8.1 Product safety	
8.2 Machine safety	
8.3 Operator safety	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: _____

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