

INSPECTION AND TEST PROTOCOL		
<i>SEWING MACHINES AND ACCESORIES</i>		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	3 Thread Over Lock Machine	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) conduct review on product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts; c.) check the completeness of the accessories; d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43, defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts; f.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
2	Bar Tack Machine	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) conduct review on product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts; c.) check the completeness of the accessories; d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43, defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts; f.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
3	Button Holer (High Speed Industrial Machine)	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) conduct review on product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts; c.) check the completeness of the accessories; d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43, defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts; f.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.

4	Feed off the arm	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43, defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts;</p> <p>f.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
5	Single needle lockstitch machine	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43, defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts;</p> <p>f.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
WELDING MACHINE AND EQUIPMENT		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	Arc Welding Machine, AC/DC with Accessories	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) handle mandatory functional testing based on the specified operating procedures by running the machine for 20-30 minutes or 1 hour if further evaluation is needed to determine that it is fully serviceable;</p> <p>e.) administer Weld Quality Testing on the different amperage settings starting from low current setting up to high current setting with corresponding sizes of welding rod from 1/16 inch to 5/32 inch respectively. Such functional testing is done by a Certified Welder;</p> <p>f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
2	Automatic Gas Cutting Machine	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) Check the completeness of the accessories;</p> <p>b.) render validation on power rating prior to testing;</p> <p>c.) hold mandatory test run of the machine for 20 to 30 minutes;</p> <p>d.) perform product evaluation on physical appearance without any evidence of broken parts and rust formation;</p> <p>e.) conduct Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. There has to be no evidence of intermittent movement on the rail. The Rail surface should be smooth and flat with no dents and tool marks. Turn On and Off method is applied.</p>

3	Bench Grinding Machine, Pedestal	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review on product dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches, rust formation, and broken parts; c.) check the completeness of the accessories; d.) handle mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing; f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
4	Oxy-Acetylene Welding & Cutting Outfit	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) hold assessment on material and product quality dimensions; a.) check the completeness of the accessories and its working conditions; b.) conduct mandatory functional testing of the equipment's whole system; c.) perform leak testing using soap and water test from tank regulator to cutting outfit. Test the working condition of oxy-acetylene torch for any abnormalities.
5	Portable Electrode Oven	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a. conduct review on power rating standards; b. check the completeness of the accessories; c.) perform product evaluation on visual appearance without of presence of scratches, dents and rust formation; d.) render mandatory functional testing by following the operating instructions. *Turning on the machine for 30 minutes to 1 hour is observed to determine that the thermostat setting is attained; e.) execute stability testing for five times in one minute each to evaluate how the unit behaves under sustained use.
6	Power Hack Saw	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, rust formation, and broken parts; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 5 minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing and in other moving mechanical parts; f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
7	Welding Machine, GMAW/MIG Welding Machine, MIG Gun and accessories	<p>To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review on product quality dimensions, rated capacity, and power rating requirements; b.) perform product evaluation on physical appearance without any evidence of major scratches, with no broken parts; c.) check for the completeness of the accessories; d.) render mandatory functional testing based on the specified operating procedures for 15 minutes. Test weld on different amperage settings starting from low current setting up to high current setting with corresponding sizes of welding rod from 1/16 inch to 5/32 inch respectively. Functional testing is done by Certified Welder. e.) execute endurance testing for a series of five test runs to determine how the unit behaves under sustained use. Turn on and off method is applied.

8	Welding Table/Positioners	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct assessment on product quality dimensions and material requirements; b.) perform product evaluation on physical appearance without any evidence of rust formation, deformities, tool marks, and broken parts; c.) check for the Completeness of the accessories; d.) execute stability test by adjusting it to various position.
<i>ELECTRICAL TESTING DEVICE</i>		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	Battery Tester	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) render assessment on product quality dimensions; b.) check the completeness of the accessories; c.) conduct evaluation on physical appearance without any evidence of broken parts; d.) administer mandatory Endurance Testing for a series of five Test Runs using Turn On and Off method.
2	Clamp Ammeter, Digital	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) review the material and the product quality dimensions; b.) check the completeness of the accessories; c.) perform product evaluation on physical appearance without presence of crack, deformities, and major scratches; d.) conduct evaluation on the compatibility of voltage range, amperages, resistance, and wire probes; e.) handle mandatory functional Testing to determine the product's serviceability.
3	Earth Resistance Tester	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct review on product quality dimensions; b.) perform product evaluation on visual appearance without evidence of crack, dents, deformities, and any other defects; c.) administer mandatory Functional Testing by running the machine for three minutes based on the specified operating procedures to determine that it is fully serviceable; d.) test the ground earth resistance d.) check the completeness of the accessories and user's manual; e.) seek Quality Inspection Certificate from manufacturer.
4	Insulation Resistance Tester	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) conduct review on product quality dimensions, material requirements, and measuring range.; b.) perform product evaluation on physical appearance without evidence of deformities, sharp edges, cracks, and other deficiencies/defects; c.) check the completeness of the required compatible accessories; d.) render mandatory functional testing based on the user's guide to determine its full serviceability.
5	Multimeter, analog	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) perform evaluation on material requirements, product quality dimensions, and power rating standards; b.) manage product assessment on visual/physical appearance without any evidence of deformities, sharp edges, cracks, and other deficiencies/defects; c.) check the completeness of the required compatible accessories; d.) conduct mandatory functional testing to determine that it is fully serviceable.

6	Multimeter, digital	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) perform evaluation on material requirements, product quality dimensions, and power rating standards; b.) manage product assessment on visual/physical appearance without any evidence of deformities, sharp edges, cracks, and other deficiencies/defects; c.) check the completeness of the required compatible accessories; d.) conduct mandatory functional testing to determine that it is fully serviceable.
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AUTOMOTIVE TOOLS AND EQUIPMENT

ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	Bore Gauge	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) check the completeness of the accessories fitted inside the ABS plastic case including the display digits of the device necessary to get the exact measurements for bore sizes; b.) evaluate if all the accessories inside the fitted case; c.) gauge the accuracy of the measurement using standard ring gauges or outside micrometers.
2	Dial Indicator	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) check that the instrument is fitted in a protective case; b.) review the working condition of the on/off switch and the required magnetic force of the base; c.) validate the completeness of the accessories; d.) seek certificate of calibration for the dial test indicator from the NIST(National Institute of Standards and Technology) traceable standards as part of the process.
3	Heavy duty soldering iron, 500 watts	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) conduct assessment on wattage and power rating standards; b.) render mandatory functional testing through actual soldering work to determine its full serviceability; c.) perform product evaluation on physical appearance without evidence of deformities, cracks, and other deficiencies/defects.
4	Ignition Timing Light for Gasoline Engine	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) check the completeness of the accessories; b.) perform product evaluation on visual appearance without evidence of broken parts; c.) render mandatory functional testing by following the operating instructions to determine its full serviceability; d.) execute endurance test for a series of five test runs to determine how the device behaves under sustained use.
5	Outside Micrometer, 0 to 25mm	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) check the completeness of the accessories; b.) render mandatory functional testing based on the operating instructions; c.) seek calibration certificate from the National Traceable Standard.
6	Prick punch set	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct review on rated pressure and material requirement; b.) perform product evaluation on physical appearance without evidence of deformities and rust formation.

7	Soldering Iron	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct assessment on power rating and wattage requirements; b.) perform product evaluation on physical appearance with any evidence of deformities, cracks, and other deficiencies/defects; c.) render mandatory functional testing by doing actual soldering work for 15 minutes to determine its full serviceability.
8	Soldering iron, 300 watts	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct assessment on power rating and wattage requirements; b.) perform product evaluation on physical appearance with any evidence of deformities, cracks, and other deficiencies/defects; c.) render mandatory functional testing by doing actual soldering work for 15 minutes to determine its full serviceability.
9	Tachometer	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct assessment on the product quality dimensions, original manual with detailed operating instruction, and technical specifications from the manufacturer; b.) Check on the completeness of the parts and the standard accessories; c.) perform product evaluation on physical appearance without any evidence of defects and rust formation; d.) render mandatory functional testing to determine its full serviceability; e.) seek calibration testing certificate from manufacturer or Government agency like DOST, etc. validating the full serviceability of the unit.
10	Vernier Caliper, 0 to 100mm	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) check for the completeness of the accessories; b.) render functional testing based on the operating instructions; c.) seek calibration certificate from the National Traceable Standard.

AGRICULTURAL MACHINES

ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	4.5hp Lawn mower	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) review the product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts; c.) check the completeness of the accessories; d.) conduct mandatory functional testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts; f.) administer Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.

2	Blower	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review on product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts; c.) check the completeness of the accessories; d.) handle mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts; f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
3	Carbonizer	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) render assessment on rated voltage, wattage, and capacity requirement; b.) conduct mandatory Test Run for 5 minutes to see if the unit works correctly; c.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
4	Chain Saw, Portable	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review on product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without any evidence of major scratches, rust formation, and broken parts; c.) check the completeness of the accessories; d.) manage mandatory Functional Testing by running the machine for two minutes based on the specified operating procedures to determine that it is fully serviceable without irregular noise in motor and in other moving mechanical parts. <p>Step by step procedures provided below to start -up the portable chainsaw</p> <ol style="list-style-type: none"> 1. Fixed the guide bar. 2. Adjust the tension of the chain blade and see to it the cutting edge is facing away from the engine 3. Check the fuel and spark plug 4. Engage the chain brake to ON position 5. Switch ON the switch 6. Pull the choke to the ON position and locate the prime button of the carburetor push it 3 to 4 times in order to force the gasoline into the lines or to prime the engine 7. Interlock the throttle and pull the starter cord 1 to 2 times to start -up the motor 8. Then, activate the throttle to run the motor for actual cutting of 2 inches thick coconut lumber. <ul style="list-style-type: none"> e.) handle Endurance Testing for a series of three Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.
5	Chipper/Shredder	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, deformities, dents, rust formation, and broken parts; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for five minutes based on the specified operating procedures to determine that it is fully serviceable; f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use without irregular noise in motor and in other moving mechanical parts. Turn On and Off method is applied.

6	Drying Oven	<p>To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, check the thickness, width and height.</p> <p>b.) perform product evaluation of the interior if it is made of stainless steel material and the number of shelves;</p> <p>c.) conduct mandatory functional testing of the three different temperature settings to determine its full serviceability. *Temperature reading from calibrated thermometer used in testing must be of the same or have 5% error compared to the thermostat setting of the unit;</p> <p>d.) check the original manual with detailed operating instruction and technical specifications from the manufacturer.</p>
7	Grass cutter	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) check the completeness of the accessories;</p> <p>b.) hold review on product quality dimensions, rated speed, cutting capacity, and power rating standards;</p> <p>c.) perform product evaluation on physical/ visual appearance without any evidence of broken parts, rust formation, and deformities;</p> <p>d.) conduct mandatory functional testing/endurance testing (actual grass cutting) for 10 to 15 minutes to determine how the unit behaves under sustained use or to determine that it is fully serviceable.</p> <p>Step by step procedures provided below to run the grass cutter</p> <ol style="list-style-type: none"> 1.Fill- up the fuel tank with gas and oil 2. Spark plug is firmly attached to the lead 3.Switch ON the switch 4.Locate the prime button of the carburetor push it 2 to 3 times in order to force the gasoline into the lines or prime the engine 5. Interlock the throttle and pull the starter cord 1 to 2 times to start- up the motor 6.Then activate the throttle to start actual cutting of the grass. 7.Check the sharpness of the cutter after actual cutting
8	Hand Tractor	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct assessment on the product quality dimensions, material requirements, and power rating capacity;</p> <p>b.) perform product evaluation on physical appearance without presence of cracks, dents, and major scratches;</p> <p>c.) check the completeness of the accessories;</p> <p>d.)manage mandatory Functional Testing by running the machine for two minutes based on the specified operating procedures to determine that it is fully serviceable without irregular noise in motor and in other moving mechanical parts.</p> <p>Step by step procedures provided below to run the hand tractor</p> <p>Fixed the rotatiller implements</p> <ol style="list-style-type: none"> 2. Check the fuel tank and the spark plug 3.Disengage the clutch or should be on neutral position 4.Pull the choke to the ON position 5.Pull the starter cord to start -up the motor 6. Adjust the throttle to meet the required speed and run the tractor for two minutes <p>e)Mount the single furrow implements and do functionality test</p> <p>f) Mount the Disc plough and do functionality test</p>

9	Mechanical Compactor	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) administer mandatory Functional Testing by running the machine for 10 minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *There should be no evidence of irregular noise in motor bearing and in other moving mechanical parts;</p> <p>f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
10	Power Sprayer	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions;</p> <p>b.) perform product evaluation on visual appearance without any evidence of deformities, cracks, rust formation and other deficiencies/defects.</p> <p>c.) check the completeness of the accessories including the toolkit</p> <p>d.) render mandatory functional testing based on the specified operating procedure for 2 to 3 minutes .Set the spraying included angle up to 15 degrees then project the nozzle up to 5 to 10 meters to determine its full serviceability.</p> <p>e.) execute Endurance Testing for a series of three Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
<i>BREAD AND PASTRY MACHINE</i>		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	Air Compressor with Airbrush Cake Decorating Set	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) render mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing and in other moving mechanical parts;</p> <p>f.) measure the load ampere by using clamp meter,</p> <p>g.) execute Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>

2	BREAD SLICER MACHINE - TABLETOP	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without any evidence of major scratches and broken parts;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) handle mandatory Functional Testing by running the machine for five minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) measure the temperature of the motor using infrared thermometer and motor RPM using tacho meter,</p> <p>f.) load testing by loading of loaf bread to determine the cutting efficiency (Note: Suppliers must prepare a loaf of bread for testing)</p> <p>g.) assess the quality of the device with no irregular noise of its motor and other moving mechanical parts;</p> <p>h.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
3	Commercial Stand Mixer with Complete Attachment	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without evidence of major scratches and broken parts and rust formation;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) administer mandatory Functional Testing by running the machine for fifteen minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) testing all implements attachment ,such as metal wire whip , flat beater and dough hook,</p> <p>f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *Its vibration is within the tolerance of the given motor rating without irregular noise in motor bearing and in other moving mechanical parts;</p> <p>f.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
4	MECHANICAL DOUGH ROLLER	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards;</p> <p>b.) perform product evaluation on physical appearance without evidence of evidence of major scratches, rust formation, deformities, broken parts and other defects;</p> <p>c.) check the completeness of the accessories;</p> <p>d.) administer mandatory Functional Testing by running the machine for 10 minutes based on the specified operating procedures to determine that it is fully serviceable;</p> <p>e.) measure the load ampere by using clamp meter,</p> <p>f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing and in other moving mechanical parts;</p> <p>g.) manage Endurance Testing for a series of five Test Runs with one minute each to determine how the machine behaves under sustained use. Turn On and Off method is applied.</p>
<i>BURNERS AND OVENS</i>		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE

1	Decker Oven	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) perform product evaluation on physical appearance without any evidence of scratches, deformities, rust formation, and other defects,</p> <p>b) product quality dimension and body material standards;</p> <p>c.) review the temperature rating;</p> <p>d.) check the completeness of the equipment and its accessories without any dents,</p> <p>e.) conduct leak test for the gas line from LPG tank regulator to oven hose connector using soap and water and observe for any formation of bubbles which shows leak. *Item is rejected with the evidence of leak;</p> <p>f.) administer mandatory Test Run for 10 minutes after leak testing and observe any abnormalities of equipment. Flame should be burning properly and delivers the required/indicated temperature.</p>
2	Gas range w/ oven, 4 burner	<p>To ensure conformance to the required specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct review on product quality dimensions, rated voltage, wattage, and oven capacity standards;</p> <p>b.) perform product evaluation on physical appearance without evidence of deformities, scratches, rust formation and other defects;</p> <p>c.) check the completeness of the required accessories;</p> <p>d.) render mandatory functional testing based on the operating instructions. The following tests are as follows: a.1.) Ignition system test, a.2.) Gas leak test of LPG regulator and hose using soap and water to determine any leakage;</p> <p>e.) execute endurance testing for a series of five test runs for one minute each to determine how the equipment behaves under sustained use. *The test is administered to avoid product showing inadequacies.</p> <p>f.) hold paint testing. *This procedure is to determine if the unit is powder coated or not by rubbing a moistened cotton with denatured alcohol. If the cotton gets stained with paint, the item is rejected.</p>
3	Oven	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <p>a.) conduct assessment on product quality dimensions and body material requirements;</p> <p>b.) perform product evaluation on physical appearance without evidence of deformities, crack, dents, scratches ,rust formation and other defects;</p> <p>c.) check the completeness of the required accessories;</p> <p>d.) review the temperature rating;</p> <p>e.) execute leak testing of gas line from LPG tank regulator to oven hose connector using soap and water, then observe for any formation of bubbles which shows leak. Any evidence of leak, the item is rejected;</p> <p>f.) render mandatory functional testing for 15 minutes to determine the full serviceability of the product. *Flame should be burning properly and delivers the required/indicated temperature.</p>
4	Stock pan burner	<p>To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to:</p> <p>a.) perform product evaluation on the physical appearance without any deformities, broken parts and other defects,</p> <p>b.) conduct review on the product quality dimensions and material requirements;</p> <p>c.) check on the completeness of the parts and other standard accessories including LPG regulator, hose,hose clamp and others;</p> <p>d.) render leak testing from LPG regulator, hose to burner gas inlet using soap and water;</p> <p>e.) execute burner performance testing.</p>
<i>REFRIGERATORS</i>		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE

1	Chiller	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, and broken parts; c.) check the completeness of the accessories; d.) handle mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it is fully serviceable and delivers the specified chilling temperature; e.) Measure the load ampere by using the clamp meter, and the temperature using infrared thermometer, f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. No irregular noise in motor bearing.
2	Freezer	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formations, broken parts and other defects; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it delivers the specified freezing temperature; e.) measure the load ampere using clamp meter and temperature using the infrared thermometer, f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing;
3	Reach-in freezer	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, broken parts and other defects ; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it is fully serviceable, particularly for the unit to deliver its specified freezing temperature; e.) measure the load ampere by using clamp meter, f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing.
4	Reach-in refrigerator	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, broken parts and other defects; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it is fully serviceable, particularly to deliver its specified cooling temperature; e.) measure the load ampere by using clamp meter, f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *Its vibration is within the tolerance of the given motor rating without irregular noise in motor bearing.

5	Refrigerator, 7 cu. ft.	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, check the volume capacity b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, and broken parts; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 10 to 15 minutes based on the specified operating procedures to determine that it is fully serviceable, particularly to deliver its specified cooling temperature. e.) Use calibrated thermometer to validate the functionality of thermostat. f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing.
6	Underbar refrigerator	<p>To ensure conformance to the Technical Specification, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, and broken parts; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it is fully serviceable, particularly to deliver its specified cooling temperature; e.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing; f.) b.) administer Paint Testing and Evaluation of the item by rubbing moistened cotton with denatured alcohol to test for powder coating and toughness of paint. *Any appearance of paint stain in the cotton, the item is rejected.
7	Upright Freezer	<p>To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to:</p> <ul style="list-style-type: none"> a.) conduct review in compliance with product quality dimensions, rated capacity, and power rating standards; b.) perform product evaluation on physical appearance without evidence of major scratches, dents, rust formation, and broken parts; c.) check the completeness of the accessories; d.) administer mandatory Functional Testing by running the machine for 20 minutes based on the specified operating procedures to determine that it is fully serviceable, particularly to deliver its specified cooling temperature; e.) measure the actual load ampere by using clamp meter, f.) monitor the motor temperature based on NEMA Standards MG 1-2011, 12.43 defines temperature rise for motors in a maximum ambient of 40°C. *No irregular noise in motor bearing; g.) administer Paint Testing and Evaluation of the item by rubbing moistened cotton with denatured alcohol to test for powder coating and toughness of paint. *Any appearance of paint stain in the cotton, the item is rejected.