

INSPECTION AND TEST PROTOCOL		
ITEM NO.	ITEM NAME	INSPECTION PROCEDURE
1	Cabinet Design 1	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) measure the thickness of the material; b.) administer mandatory 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; c.) perform product evaluation on physical appearance without any evidence of dents, deformities, rust formation, and sharp edges.
2	Cabinet Design 2	Check for compliance of specification indicated in the design. Conduct dimensional inspection on all parameters with dimension indicated in the drawing. Check for completeness of rivet holes, spot welding points. Check for completeness of handle and door lock. Check the rigidity of assembled cabinet, it should not wobble when it is shaken. Check for surface finish, should be smooth, no dents, no scratches and no sharp edges. Check for stainless material, Stainless Steel 304 is austenitic non-magnetic. Test using magnet and it should not stick to the material to be tested. Another method of testing is by using Hydrochloric Acid Test; drop a small amount of acid on the material to be tested. The solution turns pale blue to green with gas formation and dark smudge and smells spoiled egg or garlic odor. Non-compliance of all parameters indicated in the design is ground for rejection.
3	Cabinet Design 3	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) measure the thickness of the material; b.) conduct mandatory 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; c.) perform product evaluation on physical appearance without any evidence of dents, deformities, rust formation, and sharp edges.

4	Cabinet Design 4 (Filing Cabinet)	To ensure conformance to the Technical Specifications, the thorough inspection process of the item is designed to: a.) measure the thickness of the material; b.) conduct mandatory 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; c.) perform product evaluation on physical appearance without any evidence of dents, deformities, rust formation, and sharp edges.
5	Cabinet Design 5 (First Aid Cabinet)	Check for compliance of specification indicated in the design. Conduct dimensional inspection on all parameters with dimension indicated in the drawing. Check for completeness of mounting holes. Check for completeness of door lock, stainless steel hinges and cross sign. Check the rigidity of assembled cabinet; it should not wobble when it is shaken. Check for surface finish, should be smooth, no dents, no scratches and no sharp edges. Check for stainless material, Stainless Steel 304 is austenitic non-magnetic. Test using magnet and it should not stick to the material to be tested. Another method of testing is by using Hydrochloric Acid Test; drop a small amount of acid on the material to be tested. The solution turns pale blue to green with gas formation and dark smudge and smells spoiled egg or garlic odor. Non-compliance of all parameters indicated in the design is ground for rejection.
6	Cabinet Design 6 (Water Station Cabinet)	Check for compliance of specification indicated in the design. Conduct dimensional inspection on all parameters with dimension indicated in the drawing. Check for completeness of drawer slider. Check for completeness of handle and door lock. Check the rigidity of assemble cabinet, it should not wobble when it is shaken. Check for surface finish, should be smooth, no dents, no scratches and no sharp edges. Check for stainless material, Stainless Steel 304 is austenitic non-magnetic. Test using magnet and it should not stick to the material to be tested. Another method of testing is by using Hydrochloric Acid Test; drop a small amount of acid on the material to be tested. The solution turns pale blue to green with gas formation and dark smudge and smells spoiled egg or garlic odor. Non-compliance of all parameters indicated in the design is ground for rejection.
7	Work Bench with Bench Vise on Four Corners	To ensure conformance to the technical specifications, the thorough inspection process of the item is designed to: a.) conduct review in compliance with product quality dimensions; b.) perform product evaluation on physical appearance without evidence of rust formation, deformities, tool marks and broken parts. c.) assess rigidity, stability and capacity; c.) check the Completeness of the accessories; d.) validate a full or complete penetration weld unit.