Testing of Home Iron

1. Installation testing

Plug in iron and turn it on.

2. Smoke testing

Pour water in iron and turn for middle power to check how it becomes heat.

3. Functionality testing

Check different types of heating with water using and without it. Try to press some linen and check how it becomes smooth. Check the speed of warming up and cooling down.

4. Security testing

Check the cable from iron to wall plug to be convinced that it is faultless.
Verify speed of cooling down after switch off the iron.
Verify that water does not pour out from iron even when you turn it.
Verify handle of iron and it temperature when iron is heating.
Verify all contacts and absence of sparks when you shift mode of iron.

5. Usability testing

Verify speed of warming up ang cooling down.
Verify different mode for any clothes.
Verify convenience of handle of iron.
Verify quality of pressing linen.
Verify weight of iron for lightness of using it.

6. Load testing

Switch on maximum power and press of linen with water and without water for a long time (approximately 30 min).

7. Stress testing

Switch on maximum power and put iron on place mat for a 1 hour. Look for auto turning off mode if iron has it or look for behavior of iron if it does not press linen.

8. Performance testing

Take average time of pressing linen for 40 minutes and calculate how many linen did you press.
Try any mode of pressing.
Check the quality of smoothing of linen or clothes.
Verify smoothness of pressing.

9. GUI testing

Verify design and convenience of iron.
Verify color of iron
Verify inscription of modes of iron working.