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Feature:

Create a Pen that can withstand high altitude, write under water, that is erasable.

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User Story 1:

As a Pilot

I want a Pen that can function at high altitudes

So that I can have a reliable writing device

AC1: The Pen must be able to function at Sea level with a smooth flow of ink continuously, without leaking

AC2: The Pen must be able to function at a min of 30k feet with a smooth flow of ink continuously, without leaking

AC3: The Pen must be able to function at temperate reaching 120 degrees with a smooth flow of ink continuously, without leaking

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User Story 2:

As a Scuba Diver

I want a Pen that can write under water

So that I can document critical observations as they happen

AC1: The Pen must be able to write while under water with a smooth flow of ink continuously, without leaking or bleeding on waterproof paper

AC2: The Pen must be able to write under pressure equivalent to 100 feet under water, or 45psi with a smooth flow of ink continuously, without leaking

AC3: The ink should be dry to the touch and not smearable if touched within 30 seconds

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User Story 3:

As a Teacher

I want a Pen that can be erased

So that when my students makes mistakes they can correct them

AC1: The Pen should be able to write smoothly on all the following surfaces, Paper, Paper Products, smooth Plastic surfaces, smooth metal surfaces

AC2: The ink should be dry to the touch and not smearable if touched within 30 seconds

AC3: The Pen should be erasable on all surfaces, as AC#2, and be capable of writing on any area that has been previously erased with the same with a smooth flow of ink continuously

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User Story 1 Validation:

TS 1: Verify if the pen leaks at higher altitude up to 30k feet

TS 2: Verify the pen’s ink flows smoothly during use up to 30k feet

TS 3: Verify the pen functions in temps up to 120 degrees

TC01: Pen functions within expected range from sea level to 30k feet above sea level

Step1: Perform the pen leak validation on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80%

Step2: Perform the pen leak validation on a pen that is new and unused at 10k feet under dry conditions with humidity levels between 40%-80%

Step1: Perform the pen leak validation on a pen that is new and unused at 20k feet under dry conditions with humidity levels between 40%-80%

Step4: Perform the pen leak validation on a pen that is new and unused at 30k feet under dry conditions with humidity levels between 40%-80%

Step5: Perform the pen leak validation on a pen that is new and unused at 40k feet under dry conditions with humidity levels between 40%-80%

Step6: Perform the pen leak validation on a pen that has 50% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%

Step7: Perform the pen leak validation on a pen that has 50% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%

Step8: Perform the pen leak validation on a pen that has 50% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%

Step9: Perform the pen leak validation on a pen that has 50% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%

Step10: Perform the pen leak validation on a pen that has 50% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%

Step11: Perform the pen leak validation on a pen that has 25% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%

Step12: Perform the pen leak validation on a pen that has 25% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%

Step13: Perform the pen leak validation on a pen that has 25% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%

Step14: Perform the pen leak validation on a pen that has 25% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%

Step15: Perform the pen leak validation on a pen that has 25% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%

TC02: Pen’s ink flows smoothly within expected range from sea level to 30k feet above sea level

Step1: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80%

Step2: Perform the following written exercise on a pen that is new and unused at 10k feet under dry conditions with humidity levels between 40%-80%

Step1: Perform the following written exercise on a pen that is new and unused at 20k feet under dry conditions with humidity levels between 40%-80%

Step4: Perform the following written exercise on a pen that is new and unused at 30k feet under dry conditions with humidity levels between 40%-80%

Step5: Perform the following written exercise on a pen that is new and unused at 40k feet under dry conditions with humidity levels between 40%-80%

Step6: Perform the following written exercise on a pen that has 50% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%

Step7: Perform the following written exercise on a pen that has 50% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%

Step8: Perform the following written exercise on a pen that has 50% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%

Step9: Perform the following written exercise on a pen that has 50% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%

Step10: Perform the following written exercise on a pen that has 50% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%

Step11: Perform the following written exercise on a pen that has 25% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%

Step12: Perform the following written exercise on a pen that has 25% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%

Step13: Perform the following written exercise on a pen that has 25% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%

Step14: Perform the following written exercise on a pen that has 25% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%

Step15: Perform the following written exercise on a pen that has 25% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%

TC03: Pen functions as expected within the allowed Temp range up to 120 degrees

Step1: Perform the pen heat validation on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step2: Perform the pen heat validation on a pen that is new and unused at 10k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step1: Perform the pen heat validation on a pen that is new and unused at 20k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step4: Perform the pen heat validation on a pen that is new and unused at 30k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step5: Perform the pen heat validation on a pen that is new and unused at 40k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step6: Perform the pen heat validation on a pen that has 50% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step7: Perform the pen heat validation on a pen that has 50% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step8: Perform the pen heat validation on a pen that has 50% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step9: Perform the pen heat validation on a pen that has 50% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step10: Perform the pen heat validation on a pen that has 50% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step11: Perform the pen heat validation on a pen that has 25% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step12: Perform the pen heat validation on a pen that has 25% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step13: Perform the pen heat validation on a pen that has 25% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step14: Perform the pen heat validation on a pen that has 25% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

Step15: Perform the pen heat validation on a pen that has 25% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80% at 32 degrees, and 70 degrees, and 120 degrees, and 140 degrees

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User Story 2 Validation:

TS 1: Verify the pen’s ink flows smoothly during under water

TS 2: Verify pen must be able to write under pressure equivalent to 100 feet under water, or 45psi without leaking

TS 3: Verify the ink should be dry to the touch and not smearable if touched within 30 seconds

TC01: Pen functions as expected under water

Step1: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step2: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step3: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step4: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step5: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step6: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step7: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step8: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step9: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step10: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step11: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step12: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step13: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step14: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step15: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

TC02: Pen functions as expected within expected psi range while under water

Step1: Perform the pen leak validation on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step2: Perform the pen leak validation on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step3: Perform the pen leak validation on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step4: Perform the pen leak validation on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step5: Perform the pen leak validation on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step6: Perform the pen leak validation on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step7: Perform the pen leak validation on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step8: Perform the pen leak validation on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step9: Perform the pen leak validation on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step10: Perform the pen leak validation on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step11: Perform the pen leak validation on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step12: Perform the pen leak validation on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step13: Perform the pen leak validation on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step14: Perform the pen leak validation on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

Step15: Perform the pen leak validation on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth.

TC03: Pen’s ink does not smear if touched after 30 seconds

Step1: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step2: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step3: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step4: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step5: Perform the following written exercise on a pen that is new and unused under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step6: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step7: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step8: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step9: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step10: Perform the following written exercise on a pen that has 50% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step11: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step12: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step13: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step14: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

Step15: Perform the following written exercise on a pen that has 25% of the ink remaining under water, at 10 feet of depth, 25 feet of depth, 50 feet of depth, 100 feet of depth, 150 feet of depth and is dry to the touch and does not smear after 30 seconds

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User Story 3 Validation:

TS 1: Verify the pen should be able to write smoothly on expected surfaces, smooth surfaces to include those made of paper, plastic and metal

TS 2: Verify ink should be dry to the touch and not smearable if touched within 30 seconds

TS 3: Verify the pen should be erasable on expected surfaces, smooth surfaces to include those made of paper, plastic and metal

TC01: The pen should be able to write smoothly on expected surfaces

Step1: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step2: Perform the following written exercise on a pen that is new and unused at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step1: Perform the following written exercise on a pen that is new and unused at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step4: Perform the following written exercise on a pen that is new and unused at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step5: Perform the following written exercise on a pen that is new and unused at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step6: Perform the following written exercise on a pen that has 50% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step7: Perform the following written exercise on a pen that has 50% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step8: Perform the following written exercise on a pen that has 50% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step9: Perform the following written exercise on a pen that has 50% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step10: Perform the following written exercise on a pen that has 50% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step11: Perform the following written exercise on a pen that has 25% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step12: Perform the following written exercise on a pen that has 25% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step13: Perform the following written exercise on a pen that has 25% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step14: Perform the following written exercise on a pen that has 25% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step15: Perform the following written exercise on a pen that has 25% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

TC02: The pen’s ink should be dry to the touch and not smearable

Step1: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step2: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step3: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step4: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step5: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step6: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step7: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step8: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step9: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step10: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step11: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step12: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step13: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step14: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

Step15: Perform the following written exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80% and is dry to the touch and does not smear after 30 seconds

TC03: The pen should be erasable on expected surfaces

Step1: Perform the following erase exercise on a pen that is new and unused at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step2: Perform the following erase exercise on a pen that is new and unused at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step1: Perform the following erase exercise on a pen that is new and unused at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step4: Perform the following erase exercise on a pen that is new and unused at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step5: Perform the following erase exercise on a pen that is new and unused at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step6: Perform the following erase exercise on a pen that has 50% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step7: Perform the following erase exercise on a pen that has 50% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step8: Perform the following erase exercise on a pen that has 50% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step9: Perform the following erase exercise on a pen that has 50% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step10: Perform the following erase exercise on a pen that has 50% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step11: Perform the following erase exercise on a pen that has 25% of the ink remaining at sea level under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step12: Perform the following erase exercise on a pen that has 25% of the ink remaining at 10k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step13: Perform the following erase exercise on a pen that has 25% of the ink remaining at 20k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step14: Perform the following erase exercise on a pen that has 25% of the ink remaining at 30k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

Step15: Perform the following erase exercise on a pen that has 25% of the ink remaining at 40k feet under dry conditions with humidity levels between 40%-80%, on the following surfaces, smooth paper, smooth plastic, smooth metal surfaces

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