Quality Report of Yacht Sanding

Summary of Data

Today's Quality Inspection Report - 2025-01-21

Introduction:
The quality inspection process for yacht manufacturing is a critical step in ensuring the durability and aesthetic appeal of our vessels. Today's inspection focused on the painting process, specifically evaluating the roughness of the surfaces to be painted. The goal is to ensure that the roughness meets the necessary standards for optimal paint adhesion.

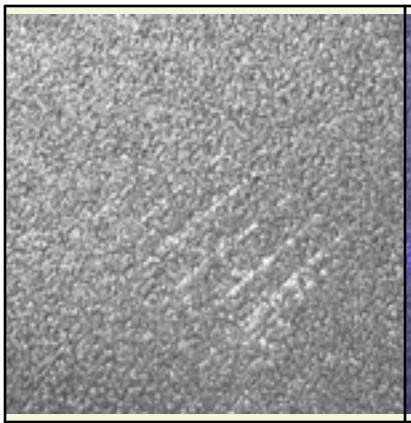
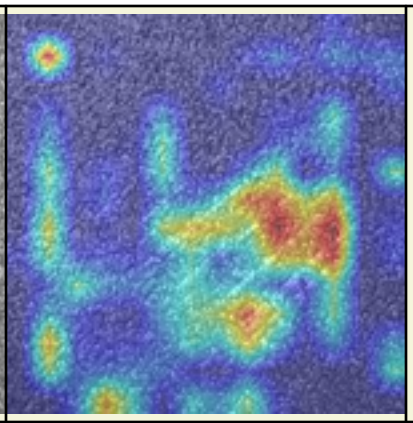
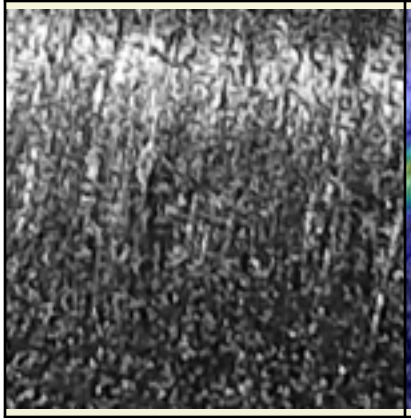
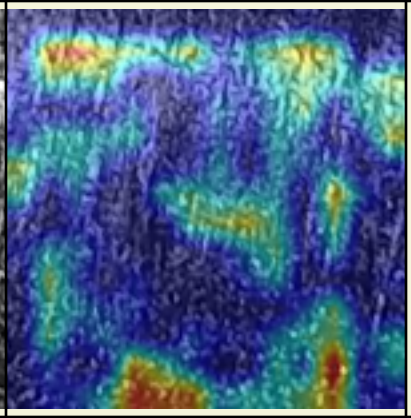
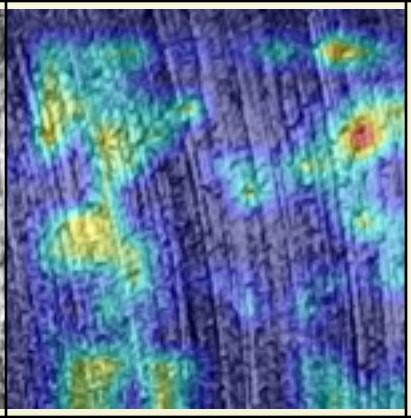
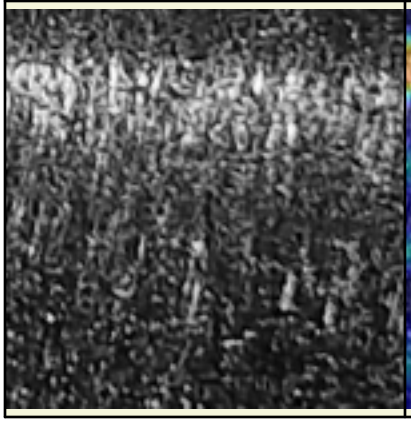
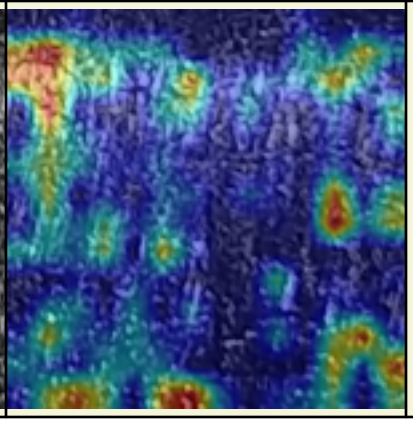
Inspection Summary:
All parts inspected today met the required roughness standards with a success rate of 100%. This indicates that the surface preparation process is functioning effectively, and the roughness of at least 2.5 micrometers is consistently being achieved. The roughness measurement is crucial as it directly impacts the adhesion of the paint, which is essential for the longevity and quality of the yacht's finish.

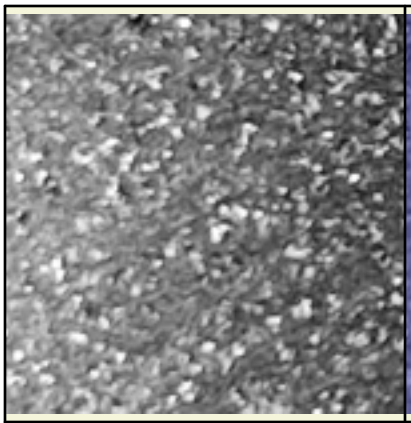
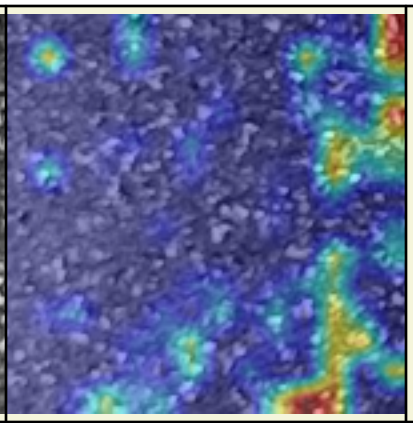
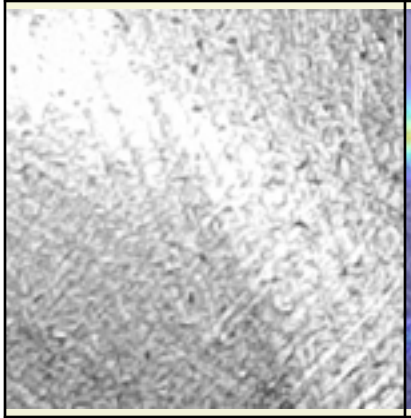
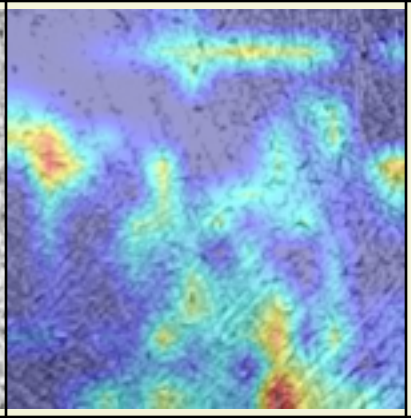
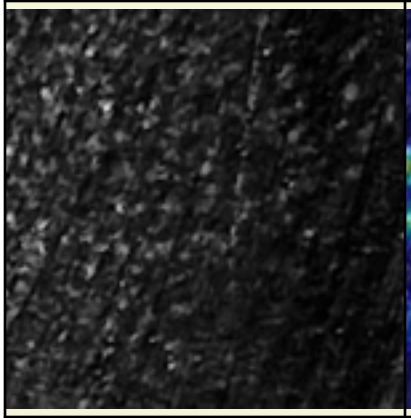
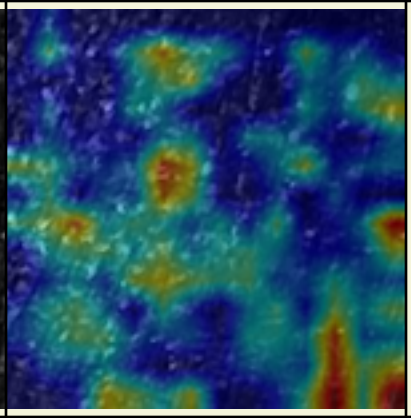
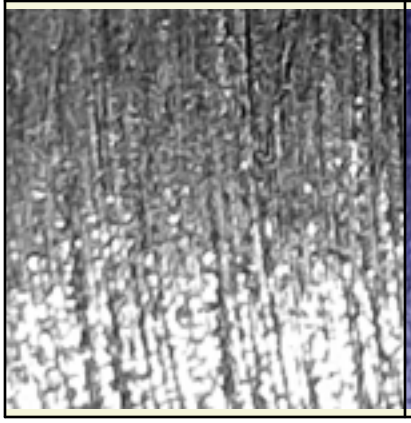
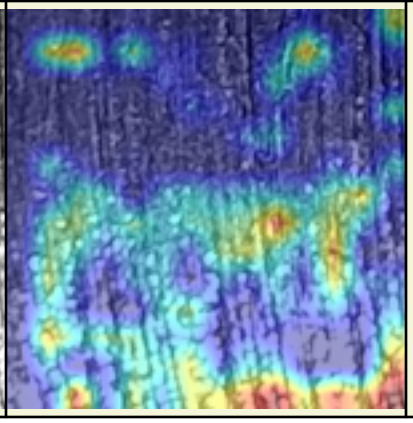
Relevance of Roughness:
The roughness of the surface plays a vital role in the painting process. A surface that is too smooth can result in poor paint adhesion, leading to chipping, flaking, and other issues over time. Conversely, a surface that is too rough can cause the paint to become uneven and may lead to a less aesthetically pleasing finish. Therefore, maintaining a roughness of at least 2.5 micrometers is critical for ensuring that the paint adheres properly to the surface, providing a durable and high-quality finish.

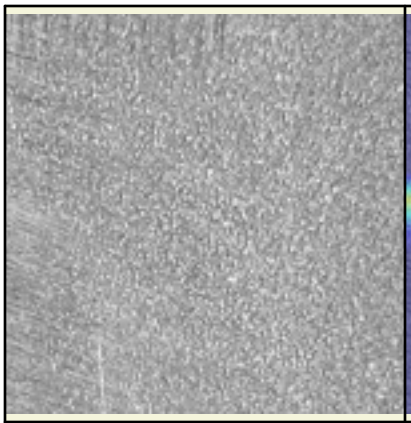
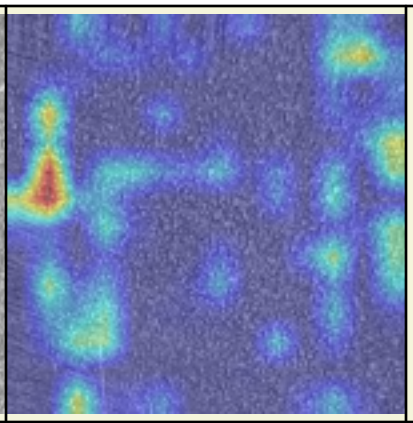
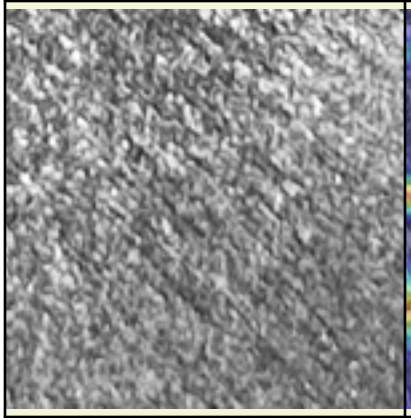
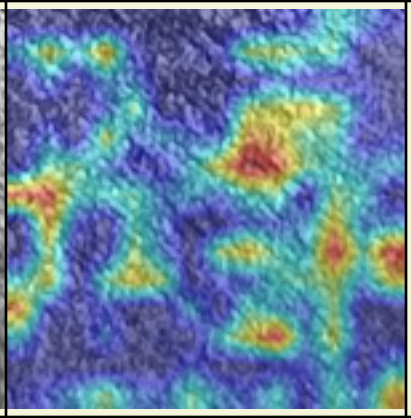
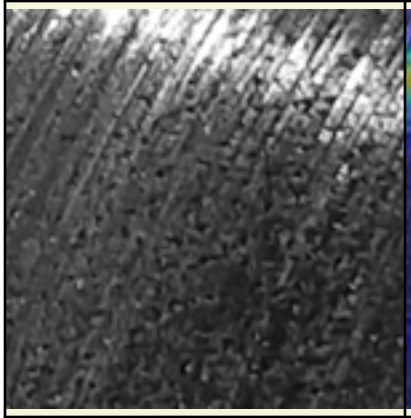
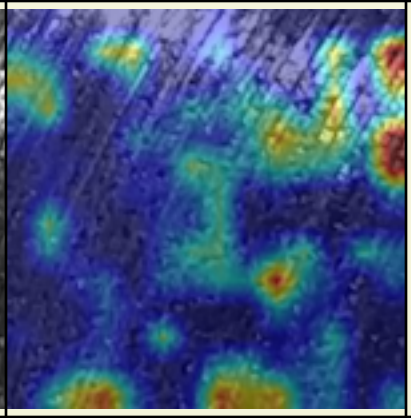
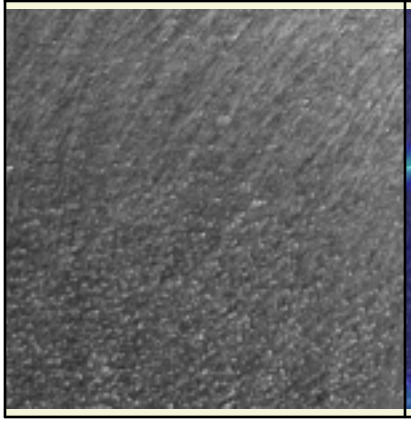
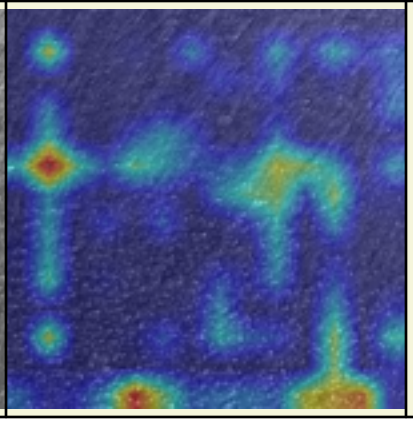
Conclusion:
Today's inspection results are highly satisfactory, with all parts meeting the required roughness standards. This success rate of 100% reflects the effectiveness of our surface preparation process and the commitment to quality in our manufacturing operations. We must continue to maintain these standards to ensure the continued excellence of our yacht finishes.

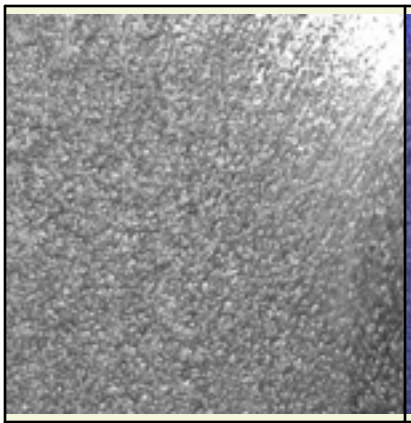
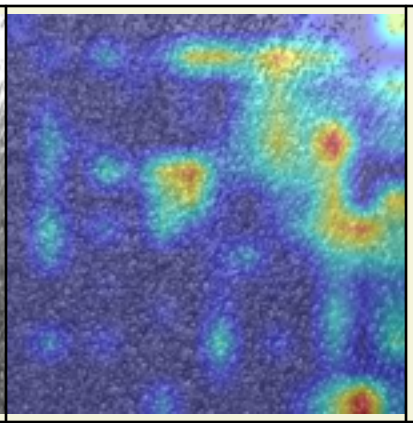
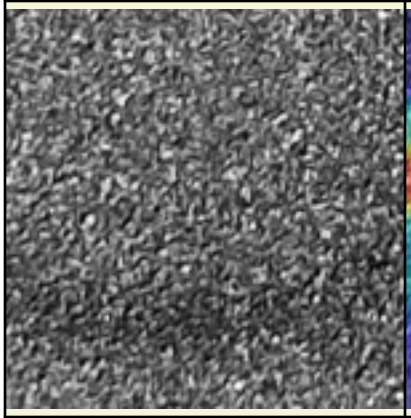
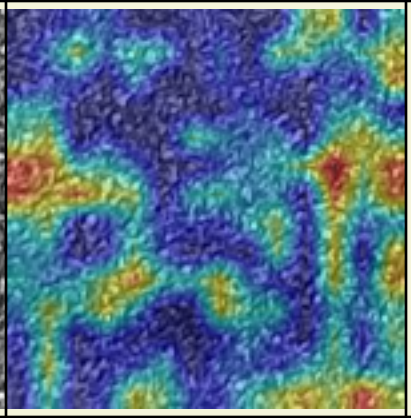
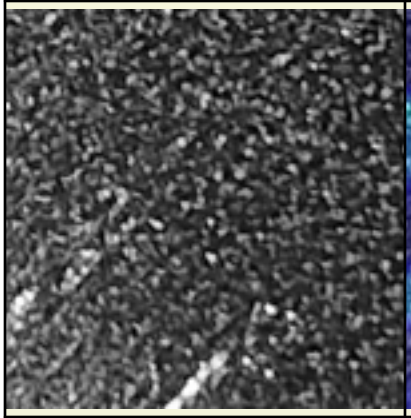
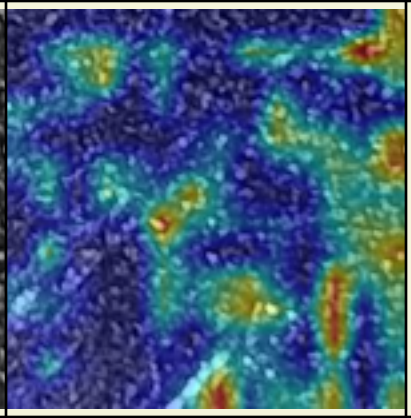
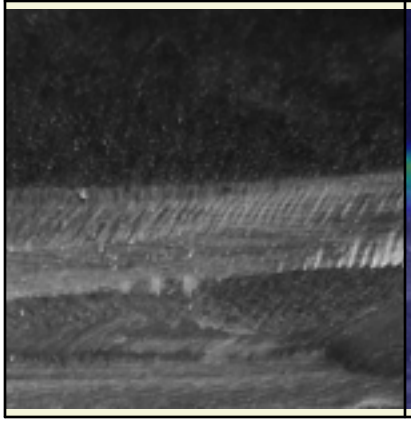
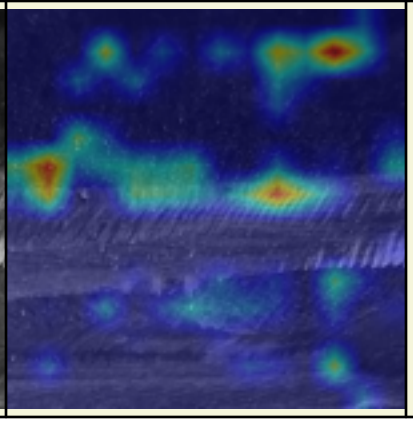
Appendix

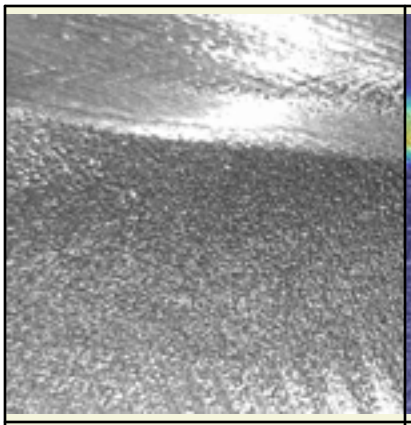
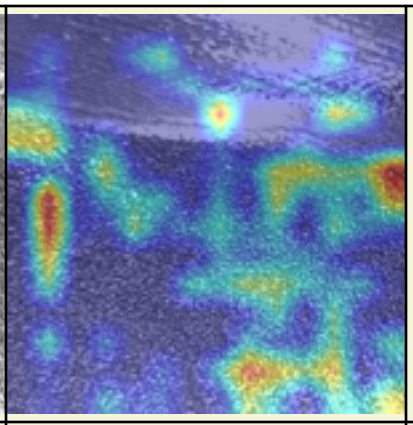
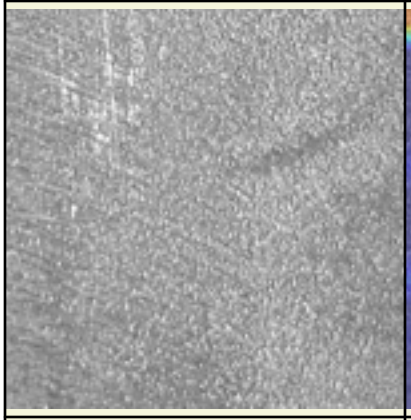
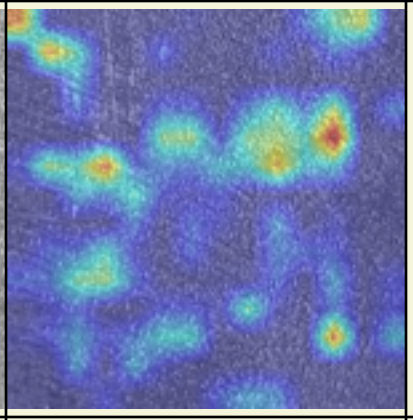
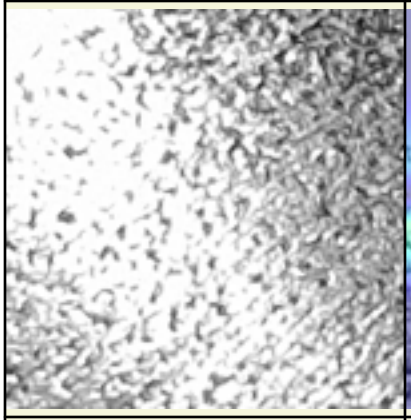
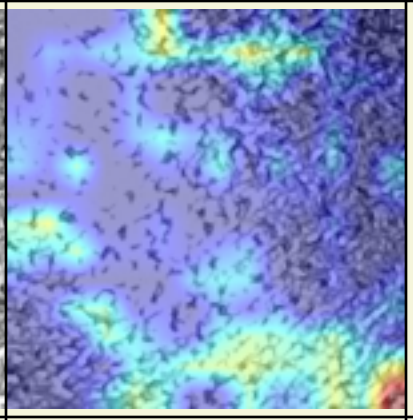
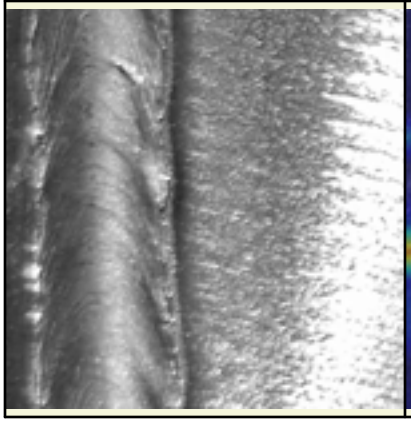
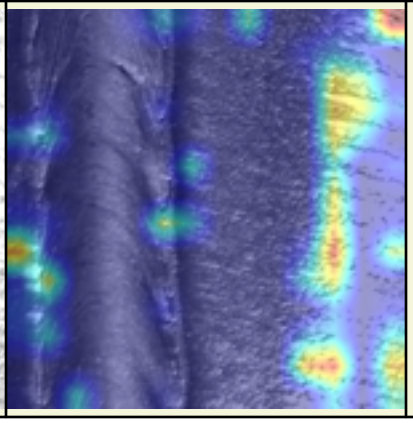
Image	HeatMap	Content

		ID: 0 readyToPaint: 1
		ID: 1 readyToPaint: 1
		ID: 2 readyToPaint: 1
		ID: 3 readyToPaint: 1

		ID: 4 readyToPaint: 1
		ID: 5 readyToPaint: 1
		ID: 6 readyToPaint: 1
		ID: 7 readyToPaint: 1

		ID: 8 readyToPaint: 1
		ID: 9 readyToPaint: 1
		ID: 10 readyToPaint: 1
		ID: 11 readyToPaint: 1

		ID: 12 readyToPaint: 1
		ID: 13 readyToPaint: 1
		ID: 14 readyToPaint: 1
		ID: 15 readyToPaint: 1

		ID: 16 readyToPaint: 1
		ID: 17 readyToPaint: 1
		ID: 18 readyToPaint: 1
		ID: 19 readyToPaint: 1