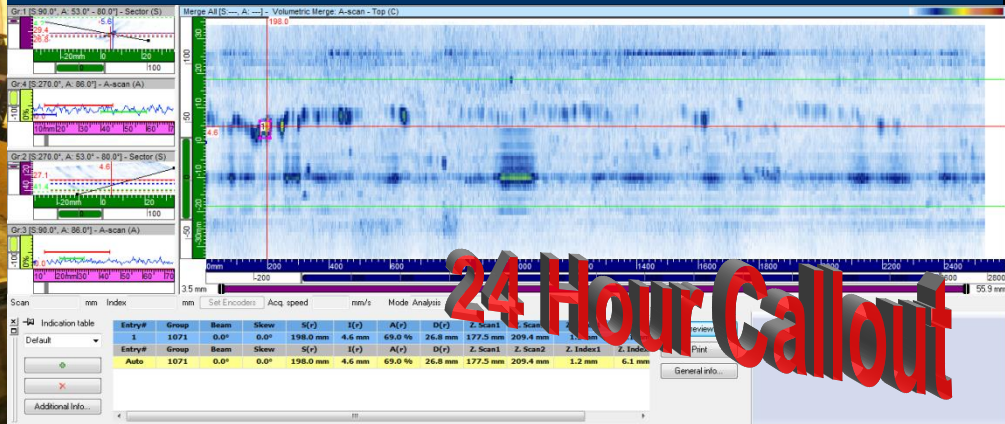


Phased Array Imaging & Ultrasonic Weld Inspection



Stasuk Testing & Inspection Ltd. manufactures and operates the Weldscan™ series of automated and semi-automated weld scanning systems to substitute or replace radiographic methods. Custom techniques compliant to ASME B31.3, B31.1, Section I, V & VIII, CSA Z662, W59, AWS D1.1 and API 1104 Codes.



24 Hour Callout

Ultrasonic Imaging using phased array (PA) is becoming more popular with advanced interfaces and improved software. With this comes an increased need for proper technique and an understanding of the applications and limitations involved. Stasuk Testing Research and Development Engineers have developed systems to cover the specific needs of our clients. Our teams have conducted rigorous testing and quality proofing to ensure repeatable results and our procedures are pre-demonstrated to the ASME Authorized Inspector to ensure compliance to codes. We utilize multiple wave propagation techniques including Shear, Time of Flight Diffraction (TOFD), Angular long wave, Creep wave and reverse amplitude transmission DAC. Depending on the client specifications, we can provide various levels of full permanent recording of weldments or if required, quick sorting scans for simple code compliance. Working with weldments in Carbon Steels, High Nickel, Duplex Stainless, Austenitic, Alloy 59 and others.

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