

Allweld Marine & Industrial

"The Best in the Weld"

SPECIALIZED WELDING

Over the years we have accumulated a tremendous amount of tested and approved welding procedures which our highly skilled qualified welders are coded. These qualifications form part of our quality control system to ensure that our coded welders don't deviate from a qualification that works and is monitored by third party inspectors. Allweld has developed welding squads that do work all over Africa, in the mining, industrial, petrochemical and offshore industry. Allweld has a Heat treatment division that complements our welding teams that do welding that requires pre-weld and post-weld Heat treatment.

Overlays

Allweld has automated welding machines to build up shafts, impellers, seal areas, rotors, rudder shafts, prop shafts, guide vanes, anything cylindrical internal or external can be build up. We have three methods of welding, - sub-arc and MIG and thermal arc spray. We can apply special coatings to base materials to make them last longer or become more heat or corrosion resistant.



We are capable of welding all types of materials including:

Aluminium: Gangways, piping, castings and fabrication.

Chrome Moly Steels: EN19, EN24, 4130 and piping for the petrochemical industry.

Copper: Cooling systems for furnaces, furnace nozzles and buzz bars.

Stainless Steel: A wide variety of stainless steel: Ferritic, Austenitic, Duplex and Martensitic for the food, marine and industrial industries.

Cast Iron: Castings, cylinder heads, engine blocks, manifolds and machine parts in all industries.

Titanium: Chemical industry components exhaust manifolds and special applications for helicopters and the aircraft industry.

Bronze: Aluminium bronze, phosphor bronze, silicon bronze and copper nickel.

Magnesium: Gearbox casings.



Thermal Arc Spray

Thermal surface technologies have evolved to offer a wide range of applications in the restoration, resistance and wear corrosion. Metalizing systems are used worldwide to apply long life, cost effective coatings used for anti-corrosion, anti-wear, anti-abrasion, repair, remanufacturing and non-skid to name a few. On non-skid we have mobile equipment to apply to decks, walk ways, stair ways and platforms on or offshore.



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