

"Fusion Line"

Speciality Welds Newsletter

Winter-Spring 2004 Issue 14

Expertise available for Wet or Dry Welding



On site at Co Wexford harbour in Ireland

Following a successful welding tender by our client Tuskar Rock, we were asked to produce QA documentation, train and approve a team of divers. This involved a site visit to advise on welding standards and procedures, materials, consumables and quality control, etc. We provided documentation in accordance with BSEN 729-4: for all their welding operations and certified their divers to BS 4872 standards on fillet welds in plate. The project required the welding of a number of split sheet piles, and anodes and the time spent in training and producing QA systems proved to be of great benefit to contractor and client alike.

Our client, Extract Technology, part of the Carlisle Life Sciences Group, had been having difficulties in producing successful welds to a fluid carrying pipe specification, and gaining approval for their operators. Following our involvement, we recommended an orbital TIG pipe welding approach with procedures for autogenous welding (without filler). We provided onsite assistance for all set-up and training, with a successful procedure being achieved to BS 4677, with qualification of their operators to BSEN 1481 now in place.



Completed orbital weld on 50x1.6mm stainless

Swordfish Trials for Shell/BP a Great Success

Following trials, which Specialist Subsea Engineering Ltd has carried out for Shell and BP, on our



Swordfish electrode under trial, cutting 15mm plate

Swordfish cutting electrode. We are happy to report that the first phase has now been completed and we are just awaiting formal reports, which we hope to publish shortly. The good news is; all the experts involved and the testing carried out showed a significant improvement in diver safety when using this product. We have been informed that the gases collected from the electrode do not provide for an explosive potential. In fact, the gases from the electrode contained low levels of oxygen and although hydrogen was present, on its own, this would not provide for any significant concern, assuming appropriate safety measures are in place, as would be required for any thermal cutting operations.

◆BREAKING NEWS ◆BREAKING NEWS ◆BREAKING NEWS ◆BREAKING NEWS

Structural offshore welding repair awarded to Speciality Welds. Working in partnership with another company, we shall develop all welding procedures, qualification of welders, fatigue testing, etc, with all welding repairs being carried out using our Barracuda electrodes.....more news later.