

CONTACT DETAILS

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- CLASSIFICATION
- DESANDING
- DEGRITTING
- DESLIMING
- THICKENING/DEWATERING
- SOLIDS REMOVAL

- HYDROCYCLONES
- TEST RIGS
- LAB MINERAL SEPARATORS
- MULTI-GRAVITY SEPARATORS
- SPARES & SERVICE
- TEST WORK

NEW FOR OLD

A UK company decided to replace ageing scalper centrifuges in one of its American plants.

Considerable test work at high temperatures on their bentonite and hectorite clay samples was carried out at our laboratory. This confirmed that

our one inch hydrocyclones would offer the greatest separation efficiency.

The one inch hydrocyclones were packaged as a Radial of six, 10 way one inch canisters.

The canisters, which are bottom fed, are arranged around the central overflow collection vessel.

They in turn are circled by one underflow collection launder giving the client a very efficient, compact and space saving solution.



FROM NEW BEGINNINGS..... (Genesis to Exodus)



Three, three inch ceramic hydrocyclones have been provided for wellhead desanding to operate during early and late field life.

These have a different size vortex finder in order to treat different capacities but at the same pressure drop.

This allows the separation performance to be optimised across the lifetime of the field in a highly erosion resistant and compact package.

PROTECTING THE FILTER – A client had a project in Kenya where there were problems with solids larger than 50-60 microns blocking a 100

micron downstream filter, causing problems with the seals on a large water pump. A low pressure vessel housing one 3 inch ceramic hydrocyclone was offered which will easily protect the filter from non-organic solids, prior to use for seal flushing. A simple but effective solution.

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FAR EAST EXPANSION



Two, 35 way 2 inch Mozley hydrocyclone Mushroom assemblies have been operating on a wet GCC (Ground Calcium Carbonate) site in Indonesia for many years. The client is expanding the plant and having been involved with supplying the original mushroom assemblies we were asked to comment on a process design where it was planned to incorporate a third 2 inch Hydrocyclone Mushroom Assembly and relocate one of the original assemblies. The aim was to have two duty assemblies sharing one standby. The site was very restricted so our Mushroom assembly was the ideal solution.



TESTING TIMES

Four SCTR1 Hydrocyclone Test Rigs were despatched in January to companies in the UK, France, Tunisia and Peru. One is for an in-house laboratory of a mining company and two are for research and development laboratories offering technical support on a range of mineral applications. The fourth (Tunisia) is for an educational establishment. *(The photo shows one SCTR1 test rig ready to operate and the other SCTR1 ready for packing)*



FOOD FOR THOUGHT



A well-known producer of canned food products, had a problem with biomass spilling over from effluent treatment. Earlier this year they hired a 10 inch hydrocyclone for a three month on-site trial which they have now bought. Paul and Alie commissioned the equipment which has successfully been removing the biomass and returning it to the digester. The company is now looking to expand this treatment capacity.



CHANGING TIMES

Vivien Delaney is now responsible for quotations and Ali Yumkella technical enquiries. Lynn Emanuel and Geoff Childs continue to work on selected long term projects and remain Directors, but are no longer in the office full time.

SPARES

We can offer a full range of spares for Hydrocyclones, Test Rigs, Multi-Gravity Separators and Laboratory Mineral Separators. Please contact our Spares Manager, Lyndon Collier.

lyndon.collier@saltercyclones.com.