

## CONTACT DETAILS

### TECHNICAL

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- CLASSIFICATION
- DESANDING
- DEGRITTING
- DESLIMING
- THICKENING/DEWATERING
- SOLIDS REMOVAL
  
- HYDROCYCLONES
- TEST RIGS
- LAB MINERAL SEPARATORS
- MULTI-GRAVITY SEPARATORS
- SPARES & SERVICE

## RECOVER, RE-PROCESS, RECYCLE

Every year an estimated 2 million tonnes of Waste Electrical & Electronic Equipment (WEEE)



items are discarded by householders and companies in the UK and in Europe it is expected to grow to over 12 million tonnes by 2020. Companies are now looking at recovering the valuable elements contained in the waste which has the added advantage of less harmful waste sent to landfill. Salter Cyclones was first approached in 2013 by a client needing to be able to demonstrate a recycling technology before it was replicated in plants throughout Europe. The plant will be able to



treat up to 10 tons/day and will include a Salter Cyclones SCM2 Multi-Gravity Separator. Due to the wide variations of the feed material, the SCM2 supplied can operate within a wide range of slope angles, shake speed, amplitude and drum speed.

## RECOVER



We supplied 5 inch hydrocyclones to a UK potash site which is in it's early development stage. The hydrocyclones which are recovering drilling mud have been installed into a small separation plant. This is operating alongside a drilling probe as part of the geotechnical works currently being undertaken on site.

## REMOVE

The client is supplying an electrochlorination system to a power plant in Singapore and needed to remove solids of between 10 and 20 micron from seawater upstream of the electrochlorinator. Two inch hydrocyclones housed in two, SC2024, 24 way 2-inch hydrocyclone assemblies were specified. Our hydrocyclones have been working in similar applications for many years.



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## REFINE

Corn (sweetcorn or maize) is a source of several key products for the food industry and our Hydrocyclones play a vital role in the separation of these valuable components. After the initial



steeping process and milling operation, which releases various constituents from the kernel, specialist Germ Clones separate out the germ which is the source of corn oil.

A corn wet-milling operation in the USA has just re-equipped this part of the process with our 8 inch Germ Clones. These provide a significantly longer wear life and higher performance than those the client used previously.

In a different section, as part of a 13 stage system, our powerful 12mm hydrocyclones separate out starch and gluten.

## RESEARCH

An SCLMS Laboratory Mineral Separator has been bought by a Research Council in Canada which offers services from analysing water quality to mineral processing solutions to minimise environmental impacts from the mining and milling industries.



A company in Finland has incorporated an SCTR1 Test Rig into its in-house research centre which investigates mineral technology, extraction metallurgy and material technology.



## RETURNING

Viv Delaney has recently joined the company as Technical Proposals Engineer after working in Canada for several years as a Metallurgist. Viv has a wealth of experience in the minerals industry and worked at Mozley when the company was based in Cornwall.

## REPLACE



Don't forget 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 for prices and lead times. [lyndon.collier@saltercyclones.com](mailto:lyndon.collier@saltercyclones.com).