

CONTACT DETAILS

TECHNICAL

Geoff Childs
Paul Salter

SALES

Ian Daniels
Lynn Emanuel

SPARES & PROJECTS

Lyndon Collier

PRODUCTION

Jackie Rew

DESIGN

Neil Farnfield

TEL: + 44 1242 697771/691821

Fax: + 44 1242 690895

Email: sales@saltercyclones.com

Web: www.saltercyclones.com

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

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

LINED UP AND READY TO GO

A Pilot Circuit for desliming minerals containing Niobium, Tantalum, Zirconium and Iron has just been shipped. Our 5-inch and 4-inch Hydrocyclones have been neatly configured into 3 stages so that the flotation feed is as free as possible from slimes and our design for the distributors has overcome the common problem of feed being unevenly distributed where hydrocyclones



are in-line. Each of the six packages is a stand-alone unit including frame, distributor, valves, piping and launders. Following a successful trial with the pilot plant a full scale system will treat 40 tph.

In addition a 30 way 2 inch Mushroom assembly is to be supplied as a pilot unit for dewatering upstream of spiral circuits. The full scale operation is expected to process 280 tph.

SPARKLING CLEAN

With the rapidly increasing cost of clean water supply, removal of sludge and disposal of waste, it is much more cost effective to install equipment to treat and recycle the waste water. Hydrocyclones can be key in removing fine solids either as a stand-alone solution or part of a larger system. We have just supplied a number of 2 inch hydrocyclones to remove fine solids of 7 micron and over.



The client incorporates our hydrocyclones into their reliable and low maintenance, three stage bioreactor systems which are then installed into car washing plants. 100% of waste car or truck wash water can be recovered for re-use.

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EXPORTING TO CHINA

Two 30 way 2-inch High Temperature Hydrocyclone Mushroom assemblies complete with stands and launders have been shipped to China. The client needed a very precise classification of fine calcium carbonate solids to produce a high specification material sizing of 60% finer than 2 micron. The hydrocyclone vortex finders are fitted with ceramic extensions to ensure the ultimate sharpness of separation.



TESTING TIMES- GREAT RESULTS

We have had a number of visitors to our test facilities over the last 3 months from as far as Japan and Korea to as close as Cornwall. Samples have been diverse and included paper and woodchip, lead and zinc, iron ore, barite, gold tailings and tin. The tests have been performed on hydrocyclones ranging from 1 inch to 10 inch hydrocyclones as well as our multi-gravity separator.



10" Test Rig



**Underflow
&
Overflow
from
10" Test Rig**

SPARES

Don't forget we can offer a full range of spares for hydrocyclones, Test Rigs, Multi-Gravity Separator and Laboratory Mineral Separators.

Please contact our Spares Manager, Lyndon Collier for prices and lead times lyndon.collier@saltercyclones.com.

PLEASE DO NOT HESITATE TO CONTACT US FOR FURTHER INFORMATION ON ANY OF OUR PRODUCTS OR SERVICES

Salter Cyclones Ltd is committed to doing business ethically and has a Business Conduct policy in accordance with the UK Bribery Act 2011.

