

Success story from Wheelabrator Group

Eliminate effluent with the help of Wheelabrator Group

Reducing Environmental Impact

Pressure diecastings and precision machining specialists, RD Castings Ltd, has successfully reduced its impact on the local environment thanks to a new installation from Wheelabrator Group.

Six months after taking delivery of a Wheelabrator Group centrifugal effluent treatment plant (ZM03-FL), no effluent material whatsoever has been discharged to drain by RD Castings Ltd - significantly exceeding their environmental requirements.

The company has always strictly adhered to local water authority limits on the release of effluent material, but was keen to further improve its processes. Wheelabrator Group was the obvious choice for Managing Director, Mike Pateman due to its commitment to reducing the environmental impact of surface preparation solutions and dedication to providing quality products and services.

Taking a Proactive Approach

Mike says: "Our local water authority contacted us back in 2006 to advise of the new criteria being implemented to minimise levels of effluent material released into the foul sewer. New levels were enforced in December 2007, with a further 50% reduction in limits to follow in December 2009.

"At that time we were already complying with the levels enforced in December 2007, but decided to take a proactive approach and reduce our effluent levels further in order to comply with the December 2009 limits as soon as possible. We contacted Wheelabrator Group for advice on how to improve effluent treatment for our existing vibratory finishing cell as soon as we became aware of the new criteria."

A Positive Outcome

Wheelabrator Group carried out a demonstration of the ZM03-FL centrifugal effluent treatment plant, using effluent collected from RD Casting's own machines. Samples were taken and supplied to the local water authority for analysis. Tests showed the best results were achieved using flocculation and then centrifuge treatment, producing samples significantly within the 2009 consent limits.

Mike continues: "We're proud to have reduced our effluent discharge to such an extent that in the first six months of use to date no effluent whatsoever has been discharged to drain - a really positive outcome for both our business and the local environment."

Customer Focused Solutions

Darren Rimmer, Area Sales Manager, Vibro & Air at Wheelabrator Group, said: "At Wheelabrator Group we are committed to providing customers, both existing and new, with solutions to their problems which fit with their current systems and machines. We look closely at how our processes impact on the environment and work with clients to minimise their effect wherever possible."

In addition to compact manual units, the range of effluent treatment units available from Wheelabrator Group also includes fully automatic systems suitable for use with larger and multiple machines. Specific recommendations and free trials can be arranged by contacting Wheelabrator Group's Surface Technology Centre.



For more information please contact:

Wheelabrator Group Ltd

43-44 Gravelly Industrial Park
Tyburn Road
Birmingham
B24 8TG

T: +44 (0)121 326 6481
F: +44 (0) 0121 328 0256

E: uk-info@wheelabratorgroup.co.uk

www.wheelabratorgroup.com