

## Non Technical Summary

Steelstrip Services Limited trading as Servosteel operates an IPPC permitted installation (KP3732PL) at Pensnett Road, Dudley, West Midlands, DY1 2HA. The key activity performed is surface treatment of metals by chemical means, via its Coil Pickle Line. The Coil Pickle Line is used to immerse Hot Rolled Steel Coils in Hydrochloric Acid heated to 80o centigrade, which has the purpose of chemically dissolving iron oxide scale which is formed during steel manufacture and subsequent storage. This chemical process transforms the pickle solution, Hydrochloric Acid, into Ferrous Chloride. Ferrous Chloride has many uses, including that of a reducing flocculating agent in wastewater treatment. As such, Servosteel sells the Ferrous Chloride that is produced as a co-product of the pickling process to Servo Solutions, who have long term contracts to supply water treatment works.

In order to be able to stock Ferrous Chloride to ensure continuity of supply to its customers, Servosteel intends to install three vessels. A reactor (8cum<sup>3</sup>) to dissolve the steel, a base tank (18cum<sup>3</sup>) for heating the hydrochloric acid/ferrous chloride mixture & hot water. Hydrochloric Acid is circulated over steel bobbins to produce Ferrous Chloride. Additionally there is a small water tank to aid with pre-heating of the water. These three vessels will all be located within the large process bund of the Coil Pickle Line, within the footprint of its Environmental Permitting Regulations (IPPC) permitted installation. This variation further compliments the previous variation of additional storage tanks.