

Tech Notes

Product Development



ting operation. Customers who have chosen ProWheelium record 30% less abrasive consumption and 20% less blasting machine wear.

HPG: High Performance Grit is specially designed to improve shot-blasting performance in foundry applications. It works faster and longer with an unrivaled capacity for removing contaminants achieving brighter aspects. Compared to High Carbon Steel, HPG enables 10-20% increase in desanding efficiency.

Stainium: This is developed for providing optimum performance in descaling stainless steel sheets prior to acid pickling replacing efficiently S110 or S170 fine shot commonly used in such applications. Today major stainless steel producers prefer Stainium since it improves both the quality of blasted surface and the efficiency of mechanical descaling process.

Stelux: The newest member of the Premium family, Stelux is developed for the surface cleaning, preparation and finishing of non-ferrous metals, stainless steel castings and forgings as well as granite and marble. Stelux offers an ecologically beneficent alternative to other surface treatment solutions since it is fully recyclable and respects the most stringent health and safety regulations.

Technical Service

Technical service is the indispensable component of the company's value proposition to

our customers. The company's cutting-edge technical assistance, developed and improved every day by its Wheelabrator Allevard Leading Unit for Expertise team (WALUE team for short) through continuous innovations is available worldwide with constant quality.

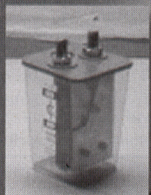
The WALUE team is made up of 23 technicians based on all the continents.

What is their mission? Provide the services that have been distinguishing the company by their strengths and specificities since day one: 1) improve productivity, 2) reduce blasting process costs, 3) share knowledge and expertise and 4) innovate to progress.

The WALUE service offer is built on seven steps intended to achieve the utmost success in the blasting process for the customer: 1) on-site technical expertise, 2) trial at the test center, 3) cost reduction offer, 4) trial launch, 5) training operators, 6) monthly check-up and follow-up, and 7) balance sheet of the trial.



With a dedication to customer value creation, the company takes a step forward from the traditional abrasive manufacturing and offers customer exclusive products, services, tools and training specially designed to the needs of each customer from numerous industries. By developing new solutions to higher productivity and peak efficiency, Wheelabrator Allevard not only contributes to the overall improvement of blasting process by adding extra value but achieves complete customer satisfaction through the constant presence of technical assistance. **P&GJ**



If you need **CATHODIC PROTECTION**, you may need...

THE KIRK CELL

The Kirk Cell is a cathodic decoupling device specifically designed for fault current service, removal of induced AC power on protected structures.

The Kirk Cell acts as an "electrochemical switch," blocking DC voltages in the cathodic protection range while instantaneously shunting hazardous voltages to ground. The Kirk Cell consists of multiple pairs of stainless steel plates immersed in a potassium hydroxide electrolyte solution. An oil seal floating on the electrolyte prevents evaporation, absorption of atmospheric gases and excessive foaming under high current flow. DC current flow through the Kirk Cell causes a film of gas to form on the plates offering high resistance to low voltage DC current. As the applied voltage across the cell increases, current flow through the cell increases causing the thickness of the polarization gas film to increase. When the leakage threshold is exceeded, the film starts to break down and the cell resistance quickly decreases as the applied voltage increases. AC voltages and higher DC voltages see the Kirk Cell as a dead short. Galvanized steel enclosures are offered for exterior or interior installations of the cell.

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