

NEWS RELEASE

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Game-changing steel technology on the way... HyCAL CORP. INSTALLING AMERICA'S FIRST HYDROGEN CONTINUOUS ANNEAL LINE FOR UHSS/AHSS.

(Detroit, MI) HyCAL Corp., (a division of Ferragone Corp and formerly Ferrolux-Gibraltar) has announced the beginning of work on the installation of a new, first of its kind, cutting edge, continuous anneal line that will utilize an optimized blend of hydrogen, rather than water, for strip cooling to produce UHSS/AHSS grades. The process of hydrogen annealing provides significantly improved prime yield, superior shape and the uniformity of properties across the strip that have been difficult to achieve consistently with typical water quench lines. The new CA line is expected to begin running in late 2016.

A game changer for steel “products-in-motion”.

The new HyCAL Corp. line will provide 97% prime yield, a significant improvement compared to water quenched lines. Steel from the HyCAL Corp. hydrogen line will be dead flat and will not require post anneal processing to correct shape problems that are associated with water quenched lines.

OEMS and other consumers of steel products destined for “products-in-motion” applications, (products which require energy or the energy of another vehicle to be moved/put in motion), will realize a significant advantage in light weighting applications. Automobiles, industrial vehicles, agricultural equipment, and shipping containers are just a few examples of “products-in-motion” that can benefit from this new hydrogen CA Line.

By using light-weight, high strength steels, manufacturers can design components that maintain strength requirements but with reduced weight for energy savings, greater fuel efficiency and lower emissions.

No risk, lots of reward for steel mills and distributors.

The hydrogen line was built to serve steel producers and distributors who have not yet invested in CA technology but wish to sell high strength steels into “products-in-motion” markets such as automotive. The new CA line provides customers the unique benefit of being able to test the

size of specific markets, determine the best products and find the heat treat process that is most suitable for them—without the risk of investing in equipment.

Breakthrough technology from Ebner.

The new HyCAL Corp. line was developed and built by Ebner, the world leader in hydrogen annealing and heat treating equipment. Ebner pioneered the use of hydrogen in batch annealing and is changing the game again with hydrogen quenching for continuous annealing. Hydrogen quenching delivers more consistent properties and shape and significantly higher yields than standard water quenched lines. No one else in the world has this technology and in North America, HyCAL Corp. will be the first to offer hydrogen continuous annealing for steel on a toll processing basis.

“We are very excited about taking this facility to the next level by installing the new CA line in Gibraltar Michigan,” stated Ed Gonzalez, President. “Our CA line will be the first of its kind in the world and the first to provide its process on a toll processing basis. More importantly, our CA line will significantly increase our customers’ yield and quality. We believe this will make HyCAL Corp. the premier source for processing steel that is destined for products where light-weighting and cost savings are paramount.”

About HyCAL Corp: Formerly known as Ferrolux-Gibraltar, HyCAL Corp. was renamed to better reflect the facility’s unique capabilities which include providing hydrogen atmosphere continuous annealing, batch annealing and temper rolling for demanding applications such as automotive grade steels. HyCAL Corp. is part of Ferragon Corporation, a privately owned metals services company serving the supply chains of diverse industries such as automotive/transportation, manufacturing and energy.