



# MATCOR CELEBRATES 40 YEARS PROTECTING THE WORLD'S INFRASTRUCTURE FROM CORROSION

MATCOR also announces opening of new office in Ahmedabad, India

**M**ATCOR, Inc. the trusted full-service provider of proprietary cathodic protection products, systems, and corrosion engineering solutions is celebrating its 40th anniversary throughout 2015.

The company has grown from manufacturing and supplying cathodic protection products to offering a full array of turnkey cathodic protection and AC mitigation services and products.

MATCOR is an international company providing services and products that solve corrosion problems for major infrastructure assets such as oil, gas and water pipelines, above ground storage tanks, power plants, energy facilities, deep wells and steel-in-concrete structures. MATCOR is a turnkey ISO 9001:2008 certified providers of customized cathodic protection products and systems combined with high-quality corrosion engineering, installation and maintenance services. MATCOR is headquartered in Chalfont, PA, has a field service office in Houston, TX, a sales and service office in India and a growing list of international distributors. MATCOR has been named to the Inc. 5,000 list of fastest growing companies in 2011, 2012 and 2013.

MATCOR President and General Manager Doug Fastuca said, "MATCOR's 40th anniversary is a tremendous milestone for the company. We've succeeded not only in our vision to become a reliable source of cathodic protection products; MATCOR has become a trusted global leader for both products and engineering services throughout the corrosion industry."

The history begins in 1975 when William R. Schutt founded MATCOR,



*Mr Doug Fastuca*

setting out to develop a high quality, reliable source for cathodic protection products and equipment. That same year, the company designed and provided the first commercial cathodic protection system for reinforced concrete bridge decks. MATCOR has built a broad portfolio of proprietary products. The company received its first patent in 1984 for its deep anode cathodic protection system, the predecessor to today's Durammo™ Deep Anode System. Other patented products include Kynex® waterproof anode to cable connection technology, the SPL™-INT-Anode for internal pipeline cathodic protection, the ORB™ Marine Anode and a pre-cast anode plate system for use in steel-in-concrete applications.

In 1987, MATCOR experts served as part of the White House delegation to the Soviet Union under Ronald Reagan,



*Mr William R. Schutt*

invited for their expertise in concrete and construction infrastructure. The company has also received numerous safety, technical and industry awards in its 40-year history.

MATCOR is located in a state-of-the-art ISO 9001:2008 certified facility in Chalfont, PA. With a service office in Texas since 2006, an office opened January 2015 in India and a growing list of international distributors, MATCOR has established global reach in the corrosion industry. In 2014, the company delivered products and services to over 25 countries.

Just a month ago in March 2015, MATCOR was acquired by Brand Energy & Infrastructure Services (Brand). Brand also owns CP Masters, Inc., a leader in the design and construction of cathodic protection and corrosion control / prevention in the North American energy markets. "This is an exciting

time for MATCOR as we celebrate 40 years in business and move into a new chapter for the company,” said Mr Fastuca. “Under the ownership of Brand and our new relationship with CP Masters, MATCOR is in an excellent position to better serve its customers in the US and internationally.”

## THE INDIA OFFICE

Mr Shailesh Javia, Director, MATCOR International will lead the new office located at Ahmedabad in India. Mr Javia is a NACE Level III Electronics Engineer with over 22 years of experience in corrosion engineering and cathodic protection.

“MATCOR has distributed products and systems to operators in India for over eight years,” said Mr Fastuca. “With the significant current and future infrastructure development expected in India, we are very optimistic that local operators will benefit greatly from direct access to MATCOR’s turnkey solutions.”

India is home to many major companies in the oil and gas, chemical, power, water and other infrastructure industries. These companies operate assets such as pipelines, plant piping, offshore structures and storage tanks that require the corrosion prevention products and services provided by MATCOR. In addition, India has a growing network of pipelines laid in overhead electrical right-of-way corridors. Pipelines along these corridors experience AC interfer-

ence as great as 50-75 VAC, which can cause corrosion and a hazardous environment for workers and the public.

MATCOR will provide operators in India with its full array of cathodic protection and corrosion engineering services, in addition to a full range of AC mitigation products and services to combat pipeline AC interference.



*Durammo™ is the only complete factory assembled deep anode system available.*

Structural assets in the oil and gas, power, water and other infrastructure industries are subject to ongoing effects of corrosion due to natural causes and AC (alternating current) interference from electrical transmission lines. MATCOR utilizes proven techniques and proprietary products to prevent corrosion, maintain safe and reliable operation, extend asset life and prevent devastating failures. These corrosion prevention

methods deliver outstanding return on investment and include cathodic protection and AC mitigation.

“The India office will look after the international market with the support of distributors located in the UK, Indonesia, Thailand, Israel, Korea, Saudi Arabia, etc.,” said Mr Javia. “The reason is MATCOR wants to upscale. The focus earlier was mainly on the North America region. We are just beginning our operations here in India with a good team of qualified people.”

## THE INDIA MARKET

“India’s cathodic protection market itself would be in the range of Rs 125 – Rs 150 crore,” said Mr Javia, “and growing at around 15 percent per year. India boasts of a good base of excellent and knowledgeable corrosion engineers. There is also growing awareness about the need for corrosion mitigation in the country.”

“With corrosion preventive measures on new projects, say bridges, one can extend its life by a stretch of 30 years or so,” said Javia. “But, unfortunately, the behavior towards corrosion prevention is like many people’s attitude towards medical insurance. When you are young, you don’t feel the need for it; and when you are old, it’s too late! The cost of corrosion prevention is never more than 1 – 2 percent of the total project cost.”

“With the infrastructure requirement



*Sea-Bottom™ Anodes manufactured in MATCOR's ISO-9001:2008 US facility*



*2,500-foot lengths of MATCOR SPL™ Anodes for pipeline cathodic protection.*



*The MITIGATOR® combats the corrosive effects of alternating current on pipelines.*

in India so high, the potential is phenomenal,” said Mr Javia. “India has only 60,000 – 70,000 km of pipeline network. This is less than what Pakistan has. France has double this figure and USA 15 times more.”

## MANUFACTURED IN USA

MATCOR’s commitment to manufacturing in the USA with quality materials and processes is unique and beneficial to our customers. “All of our proprietary products are manufactured in-house, with no subassemblies manufactured by third parties,” said Mr Javia. “This capability permits total control of product quality.”

“There are very few companies in this line who are manufacturers as well as service providers,” said Mr Javia. “By being both, we are able to understand what is happening out there in the field and come out with out-of-the-box solutions for various applications. We can also custom-make or adapt our products to suit specific customer requirements.”

## UNIQUE PRODUCTS

With years of experience in the field, MATCOR manufactures some very unique and top-of-the-line products, said Mr Javia. “For example, one of them is the SPL-SandAnode™ the only impressed current linear anode made specifically for under-tank installation in close proximity to or in contact with the structure such as under an above ground metal storage tank.”

Another product, MATCOR’s patent-pending Iron Gopher with stainless braiding is the only impressed current linear anode designed and manufactured specifically for horizontal directional drilling (HDD) applications.

Durammo is the only complete, factory assembled, ready to install deep anode system available, said Mr Javia. Over 8,000 Durammo deep anode systems in operation for over 30 years have successfully protected pipelines, wells, plants and infrastructure from corrosion. “This is a

fully factory assembled, ready to install system. Installation takes only minutes after the hole is drilled,” explains Mr Javia. “This does away with the problem of vent pipes where in various parts are assembled from various manufacturers.” MATCOR’s patented SPL™-INT Anode System for internal pipeline cathodic protection (CP) is the only impressed current, linear anode system for cathodic protection of internal pipeline surfaces. Used for water and salt water pipelines, a series of anodes, each up to 200 feet in length, work together to prevent corrosion on the adjacent internal surface of the pipeline. Other methods for cathodic protection of large diameter pipeline internal surfaces require closely spaced probe anodes, said Mr Javia.

The MITIGATOR is the industry’s only engineered mitigation system to combat the corrosive effects of alternating current (AC) on pipelines, combining performance with greater ease of installation and lower cost, informed Mr Javia. Based on MATCOR’s SPL-Anode manufacturing technology, the ready-to-install MITIGATOR is a packaged grounding system that combines the best of copper grounding with low resistance, corrosion-inhibiting backfill.

MATCOR’s PF-Anode is a long life impressed current anode that provides cathodic protection for water tanks, water wells and other aqueous environments. A mixed metal oxide (MMO) anode, embedded in chlorine resistant Kynar braiding is flexible and ideal for use in salt, brackish or fresh water locations. The PF-Anode, widely used very successfully in the USA and Europe, has a continuous header cable and uses the MATCOR patented Kynex waterproof connection.

MATCOR has also developed an accurate, reliable and easy-to-install impressed current cathodic protection system for the bottoms of above ground storage tanks (ASTs). The unique SPL-Anode system is manufactured in concentric rings and ready for installation on a specific tank. In-



*Mr Shailesh Javia, Director, MATCOR International will lead the new India office which opened in January 2015.*

stallation is as easy as laying out the rings as per a drawing provided by MATCOR and connecting the header cables to the rectifier. “Our engineers can also design and manufacture your complete tank farm cathodic protection system,” said Mr Javia. “We have also launched a valuable, timesaving web application that enables the corrosion professionals to design a cathodic protection system for their ASTs in seconds. The web-based app makes it easy for their customers to design tank cathodic protection systems and enables rapid turnaround for a quote. The user enters specifications for their above ground storage tank and installation environment, and the app delivers detailed tank ring anode cathodic protection system design specifications. MATCOR can then quickly quote and manufacture an accurate, reliable impressed current cathodic protection system.

“I recently had a call from a person in Sri Lanka who used this app,” said Mr Javia. “He was so happy he could work out a solution for his problem within minutes, which would have taken days or weeks otherwise!”

MATCOR’s India office is located at 106, Sakar-V, Behind Natraj Cinema, Opp H. K. College, Ashram Road, Ahmedabad 380009 (tel: 079 26588551; e-mail: (sjavia@matcor.com).

**ABRAHAM MATHAI**