

Quality and Standards

The Middle East Tube Company is approved to mark its products with the Api monogram of the American Petroleum Institute (API). The company has permits to mark its products with the Standard institute of Israel stamp, for the following standards:

Israeli Standard 530: Welded Steel Pipes

Israeli Standard 5207: Internal cement mortar Lining

Israeli Standard 5089: Triple layer extruded polyethylene coating, for wrapping steel pipes.

The company has a system for quality assurance and quality control that matches the required quality management.

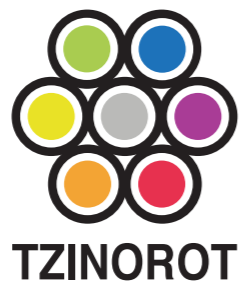
The company invests vast resources in building a system for performing non-destructive tests, using the digital radiography method, in addition to the system of ultrasonic tests, and pressure tests, in use in the plant today.

This system for quality assurance and quality control, grants great security in obtaining products that comply with the requirements.

The company has skilled manpower, qualified to perform non-destructive tests, according to the requirements of the various standards.

The Middle East Tube Company has laboratories that support the production process:

- Metallurgy laboratory for checking composition, and the required mechanical tests
- Polymer laboratory for performing tests on the extruded polyethylene coating
- Concrete laboratory for testing the strength of concrete, and performing other tests required by the standards.



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The Middle East Tube Company Ltd.

Israel's national manufacturer of steel pipes



GAON HOLDINGS

The Middle East Tube Company was first incorporated in 1951, and today is the largest manufacturer of steel pipes in Israel.

The company manufactures and markets steel pipes, which are used for water, sewage, fuel and natural gas infrastructures, and also manufactures tubes for buildings and construction. Most of the pipes are protected against corrosion by internal cement coating, various additives, and external coating, mainly of triple layer, extruded polyethylene (Trio).

The Middle East Tube Company has been traded on the Tel Aviv Stock Exchange since 1993. The company employs approximately 250 workers in two production facilities.

The company has two sites; the first, in Tzrifin, concentrates almost all the manufacture and coating of pipes with a diameter of 2 – 100 inches.

The other site, in Acre, deals with the hot-dip galvanising of pipes and other products.

The expansion of The Middle East Tube Company's fields of activity, in the past two years, has led the company to an age of growth and renewal. In this spirit, the pipes' roadmap has been put together:

The factory in Tzrifin

This factory manufactures and lines steel pipes of 2 – 100 inch diameter.

The pipes are manufactured by SAW – Submerged Arc Welding – technology.

They undergo a process of coating and lining for protection against internal and external corrosion.

The plant is approved by the API - American Petroleum Institute - to use their monogram quality.

The factory in Acre

The galvanisation plant in Acre is responsible for galvanization of steel pipes and a range of other products for the general market.

In addition, the Middle East Tube Company supplied pipes for other national projects, to transport drinking water, sea water, reclaimed water, sewage, fuel and chemicals, as well as projects for urban and domestic systems and other uses.

Among the company's larger scale projects was the supply of 30,000 meters of 18" diameter X-52 steel pipes, for natural gas, to Israel Natural Gas Lines Ltd. In order to achieve this standing, the Company underwent an extensive and complex accreditation process, as a consequence of which, the company was approved to supply pipes for land delivery lines, and the distribution lines that will come in their wake.

The company manufactures steel pipes with a diameter of up to 100", for Mekorot, for upgrading the current lines, and also for upgrading the National Carrier.

The international activity began in 1955, when the company started exporting pipes all over the world:

Grade X-70 30" diameter pipes for the All American line: The pipes used were manufactured in accordance with the most stringent standards of the American Petroleum Institute (API).

The company invests vast resources to ensure its pipes are fully compliant with all relevant quality and safety requirements, and that the pipes stand up to high levels of pressure. The company is certified under international standards.

Coating

Steel pipes:

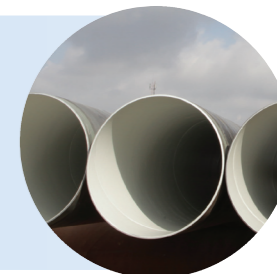
The company manufactures and markets steel pipes in diameters ranging from small to very large - up to one hundred inches. The Middle East Tube Company's steel pipes are spread over length and breadth of Israel, since the day she was born, and loyally serve many customers. A new, spiral production line is planned to join our production set-up in the near future, and to boost the range of products that the company can provide. The company pays attention to our customers' requirements, and we are capable of manufacturing steel pipes, in many diameters and thicknesses, according to their requirements.



Lining:

We have developed, and are in an on-going process of continuing to develop, coatings for pipes, in order to match the types of liquids and gasses that will flow in them, and the environmental conditions in which they will be installed: The Middle East Tube Company has developed and applied a wide range of technologies to protect our steel pipes, such as:

- Portland cement - mortar lining
- Anti-sulphate resistance cement mortar lining
- Alumina cement
- Polymeric cement
- Epoxy paint



"Trio" Coating:

Trio coating are the external protection for steel pipes, which is suitable for all types of soil, and in particular, corrosive soil, heavy soil and loamy soil. The coating are manufactured on automatic production lines by experienced, skilled manpower, supported by our polymer laboratory, which is part of the control process. In addition, the laboratory deals with the development of new applications, as required by the markets.



"Trio 4" coating:

"Trio 4" is a new coating for pipes of 3" – 20" diameter. The coating is 4mm thick, and is offered to the full range of diameters that the factory supplies with "Trio" linings. A steel pipe with internal concrete lining, and 4 mm thick trio (polyethylene). (The accepted thickness today is 1.5mm).

The coating is made of High Density Polyethylene (HDPE), with improved mechanical qualities. The quality of the 4mm coating provided particularly strong protection, savings in the cost of repairs, savings in haulage costs, savings in unloading, and savings in laying costs.



Field service – Customer service

The Middle East Tube Company's field service is comprised of very experienced professionals, who have brought about the promotion and development of technology in the field of piping, in general, and in laying pipes in particular, throughout Israel for scores of years.

The Middle East Tube Company offers all our customers highly professional field service, dedicated and comprehensive, with the shortest possible response time.

The service includes: consultancy, assistance in providing solutions to various requirements, planning from the stage of the initial concept, until the completion of laying the pipes. The plant's field service team is at the disposal of contractors and users, in providing instruction in laying the pipe, and in conducting checks for the approval of the pipe after it has been laid.

Additional services provided by our field service:

- Instruction before carrying out work
- Instructing welders
- Testing and approving welders
- Assistance in supervising work
- Assistance in testing the quality of welding and coatings
- Testing whether the coating is continuous and whole
- Close supervision
- Handling of complaints

