Nick Mahzar Ispadana Co. Ltd

Nick Mahzar Ispadana Company has been established in 2003 and has started its industrial activities in the production and application of coating materials for water, gas, oil and petroleum pipelines. Based on 35-years experiences in pipes' protection, equipped laboratories, powerful technical branches and professional specialists, this company has performed extensive constructive projects in all parts of Iran.

Main Offices

- No. 525, 3rd floor, 2nd phase, kosar trading complex, first of Chaharbagh, Isfahan, Iran.
  Tel: +98 313 6204708 – 9
- No. 19, 5th floor, Arian Building, Shohada allay, Mirzaye Shirazi st., Tehran, Iran.
  Tel: +98 21 88706623 – 4

www.nickmahzar.com info@nickmahzar.com

Main factory

- End of 7th st., 2nd phase, East industrial town (Sejzy), Isfahan, Iran.
  Tel: +98 314 6412722 - 3

Branches

- End of 9th st., 2nd phase, East industrial town (Sejzy), Isfahan, Iran.
  Tel: +98 314 6412388
- Near Shahid Habiballahi garrison, km 7 old road Khorramshahr, Ahwaz, Iran
  Tel: +98 613 6739655 - 7
- Shahrdari road, after oil warehouse, km 17 Hamedan-Tehran road, Hamedan, Iran
  Tel: +98 813 4302457- 9
- 16 block, end of 16th st., Heidarieh industrial town, Takestan, Iran
  Tel: +98 283 5686027

Fusion Bonded Epoxy (FBE)

FBE's excellent adhesion to steel provides superior long term corrosion resistance and protection of pipelines. It provides excellent resistance to cathodic disbondment which reduces the total cost of cathodic protection during the operation of the pipeline. It can be applied as a dual layer product which provides tough physical properties that minimize damage during handling, transportation, installation and operation.

Two-Component Liquid Epoxy and Polyurethane

This type of coating includes Solvent free epoxy, Zinc rich epoxy, Coaltar epoxy, MIO, Top coat epoxy, High build epoxy, and Polyurethane .They are used for the protection of marine/steel constructions and sewage pipes. They create a resistance against corrosion elements. Inner surface coating decreases the roughness of the surface and result in consistent patterns of currency in pipeline and can improve the hydraulic features , transference capacity up to %15 , and exploitation of pipes .

Three- Layer Poleythlene (3LPE)

The 3LPE System is a multilayer coating composed of FBE, co - polymer adhesive , and high density polyethylene. 3LPE system provides good pipeline protection for both small and large diameter pipelines with different operating temperatures.

Polymer Modified Bitumen (PMB)

PMB, a mixture of thermoplastic elastomers, is an effective coating system to protect the steel pipes surfaces from corrosion desirably. It is composed of three main parts (primer, modified bitumen and outer wrap). It has a good resistance to chemical and physical stress during whole process of production and application. Additionally, it can be coated with another layer of polypropylene (P.P.) which protects the PMB coverage to be stronger and more durable, especially in mountainous grounds and alkaline conditions. It acts as an anti UV protection too.

Bitumen Enamel

Bitumen enamel coating is composed of primer, bitumen enamel, inner wrap, and outer wrap. It is appropriate electrical resistance and need low cathodic protection current. Additionally, it can tolerate different kinds of acidic and alkaline mediums and salt solutions. This type of coating could be applied as one-layer or two-layers at the operational temperatures between -10 to +70 °C. Maximum temperature for the application of bitumen grade A, B is 250 °C and for grade C is 260 °C.

Concrete Coating

It is a combination of cement, sand and water which are used to protect the inner surface of steel pipes against rusting and corrosion. It is a popular coating due to its easy application and low cost.

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