



Piping Program

2019

Bamdad Industry & Trade of Energy Co.

“Bamdad Industry & Trade of Energy Co.” was established in 2013 by emerging of some well experienced engineers in the field of industrial utility supply. Entity’s Main field of activity is utility supply for industries.

Fluid transfer is necessary in almost all of plants and factories which would be fulfilled by use of various types of pipes. Transfer of Various kinds of Water such as Raw, Demin, Potable or Fuel oil, Fuel gas, Compressed Air, Nitrogen and Steam are some sort of common examples. “Bamdad Industry & Trade of Energy Co.” Piping Program has been designed to satisfy this need.

Our piping program encompasses a wide range of metal, polyethylene, GRE and GRP types up to 72 inches in size. In another aspect, it covers underground and above ground piping.

Professional Performance

To guarantee professional performance of “Bamdad Industry & Trade of Energy Co.” and satisfying client’s needs in a predefined and well established manner, we have bounded ourselves to strictly follow acceptable standards. Based on this background we have implemented:

- ISO 9001 Standard for quality management system.
- ISO 14001 Standard for environmental management system.
- ISO 18001 Standard for occupational health and safety management system.
- And the most important one, which serves project handling concerns, is ISO 21500 Standard for guidance on project management.



Consultation Services to the Clients

It is a bit hard to make a decision independently for clients who are not familiar with fluid transfer concepts, so we provide technical and financial consultation for potential clients in order to assist them to make a right decision to implement projects in a right way.

It depends on many technical parameters such as rout of pipe, characteristics of transferred fluid, deby of transferred fluid, site geographical conditions, site ambient conditions etc.

“Bamdad Industry & Trade of Energy Co.” as a specialist group could provide a complete package of technical and commercial proposal for each project in a way that put the client in a right decision making path.



Engineering

“Bamdad Industry & Trade of Energy Co.” with its well trained and experienced technical personnel would provide tailor made solutions based on specific requirements of any project.

Engineering activities include hydraulic calculation, sizing, 3 dimensional modeling, stress analysis, piping material selection, material take off etc. “Bamdad Industry & Trade of Energy Co.” engineering activities also cover all side activities such as coating and painting, insulation and cladding, heat tracing of pipe lines and any other piping related tasks.



Procurement

Based on requirements of each project, “Bamdad Industry & Trade of Energy Co.” could procure required piping materials including pipes, fittings and valves by metallic and non-metallic materials in full range of working schedules.



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Metallic materials include a vast grade range of carbon steel, stainless steel, alloy steel, non-ferrous alloys such as copper based materials etc.

Nonmetallic materials include HDPE (PE 80, PE 100), GRP and GRE



Installation & Pre commissioning

“Bamdad Industry & Trade of Energy Co.” provides installation services for piping projects all around the country. These services include fit up & welding, destructive and nondestructive welding tests such as penetration or Xray tests, hydrostatic pressure drop test, vacuum test, flushing, cleaning, sandblast & painting, insulation & cladding and any other related job to deliver ready-to-use pipeline to the client.



Turn Key Projects

Some clients are not willing to engage in technical difficulties of making a pipe line or distribution line or simply it is not their field of interest and activities. In this case “Bamdad Industry & trade of Energy Co.” is ready to take complete responsibility of project and run any piping project on a turnkey basis.



