

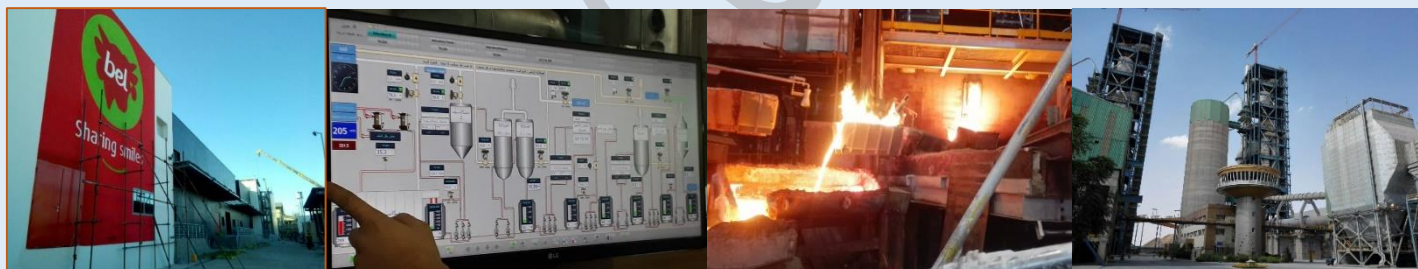


ECC (Ehdas Control Company) has been founded in 1994. ECC is an EPC company in Mechanical, Power, Electrical, Instrumentation and Control Engineering.. ECC has significant experiences in execution of several projects in Cement industry, Power plants, Oil & Gas, Steel, Copper, Food & petrochemical complexes.

ECC has had extensive activity in the optimizing & management of energy systems as well as designing and installation of Cathodic protection systems.

ECC is certified & Ranked second degree by plan & Budget Organization of Iranian government, in Industrial, mechanical, electrical, instrumentation, engineering & control and is a member of (AIAC)

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## Mechanical Engineering department:

Due to expert human resources and light & heavy construction machinery tools, and new software technology, Ehdas control company is capable to execute mechanical and utility projects.



## Project Reference list:

### Current:

- Sarcheshmeh Copper Complex: EPC Project of replacing one Filter Press.
- Sarcheshmeh Copper Complex: EPC Project of replacing a set of apron Feeder vibrating screen and belt conveyor.
- Sarcheshmeh Copper Complex: EPC Project of replacing one wet scrubber for Molybdenum factory.
- Sarcheshmeh copper complex: EPC Project of upgrading and increasing capacity of Tail Thickeners.
- Chehel Koreh Zahedan: Copper Concentration plant: Mechanical & Electrical and piping Erection
- Bell Dairy Complex: Procurement, purchase and implementation (EPC) of mechanical & electrical equipment
- Qeshm Cement factory: Erection of Raw Mill, Cement Mill, Electro static precipitator
- Shahrekord Cement factory: Erection of Cement Mill, Electro static precipitator
- Bushehr Cement factory: Cement Mill erection.



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### Electrical engineering Department:

This division with its professional experts and extensive experiences in various industries is able to execute any project requiring fabrications, Installation and execution of power equipment, instrumentation and control in metal and non-metal mineral industries, gas & oil and petrochemical industries and power plants.



### Electrical projects in following industries:

ECC has significant records in electrical projects in:

**Copper:** Sarcheshmeh copper complex (Different projects)

**Steel:** Madkoush steel factory

**cement industries:** including: Khazar, Tehran, Qeshm, Kordestan, Busher, Darab, Hormozgan

(I&II) Khuzestan, Soufian & Khash cement plants and ...etc.

**Oil and Gas & petrochemical industries:**

Tondgooyan PTA-2, Ghadir, Tangeh Fanni & Ramhormoz Pump Stations.

**Electrical industry:** Kermanshah Gas Power plant, Sabzevar Ferrochrome company



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## Engineering consultant Department

This division with its skilled experts & use of the most advances software package is able to offer a wide range of following services:

- Pre-investment studies including: feasibility studies, basic & detail design procurement, tendering, bid evaluation & supervision
- Project planning, management ,supply & transfer of technology



control project.

- Consulting, inspection & evaluation services.

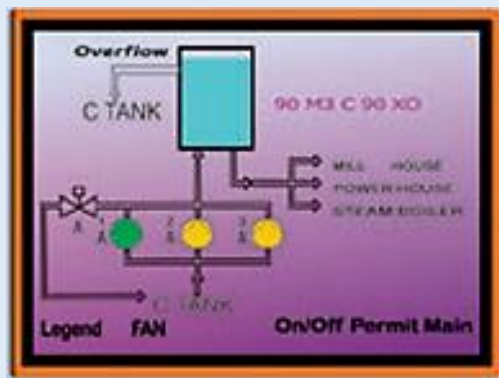


## Electrical, Instrumentation & control consultant: Projects:

**Copper:** Copper Sarcheshmeh complex

**Petrochemical:**

- Lorestan petrochemical, Fajr petrochemical, Ghadir petrochemical
- Steel :



- Kaveh Khuzestan Steel company

**Cement:**

Gharb, Shargh,shahrekord, Firuzkooh, Isfahan, Darab, Bojnoord, Khuzestan, Hormozgan

**Instrumentation & Control.Construction & commission Projects  
for following cement plants:**

- Qeshm Island, Hegmatan, Hormozgan & Khash.



### Energy management department:

- Offers consultant & executive services regarding energy saving in industries plants & buildings to reduce capital & operating costs.
- Is accredited & Certified inspector by Iranian productivity & process

optimizing of fuel consumption organization for provision of enhanced & Advanced Solution.

- Record of more than 150 projects in the last 25 Years.
- Design, implementation and utilization of Solar wind power plants



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### Energy management & fuel optimization for the following industries Auditing in:



Glass, Sugar

**Current:** Revision of optimal consumption sugar industry.

(Fuel consumption optimization organization.)

**Cement Plants:** Abadeh, Karoon, Benvid, shargh, Estahban, Hormozgan, Kordestan, Sepahan, Shahrood, Urmieh, Ekbatan, Qazvin.

**Other industries:** Petrochemical, power steel,

### Corrosion Protection Department:

This division is capable to offer:

- Designing and implementation of cathodic protection systems, corrosion inspection & management



- Consultant services for corrosion protection including cathodic protection coating, corrosion prevention, etc.
- R&D in corrosion studies, cathodic protection, coating, corrosion prevention and management of training workshop.

Cathodic protection construction protects, for following industries:

**Current:** Shahid Rajaei port :

Modification of cathodic protection system.

Qeshm petro chemical:

Checking the protection system of underground pipetines.



- Tehran refinery
  - Kazerun combined cycle power plants
  - Qom transmission pipeline
- Different many cement plants, Kermanshah & Khorasan water & sewage plant, pars paper production factories





## Overseas EPC Projects (with Our Sister Companies)

### ۱) Cerro Azul cement factory (Venezuela)

۱۰۰۰,۰۰۰ متری/متری متری (۲۰۰۷-۲۰۱۵)

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۲- Hama cement factory (Sirya), 1000,000 tons/year line (2004-2008)



آسياب مواد غلظتي / حماء سوريه



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