

## Infrastructure in Jhagadia Industries Estate

### Jhagadia Estate and the Contribution of JIA



Gujarat is emerging as Industrial hub in our Country. It is also emerging as “Investor Friendly” destination for most of the industrialized countries and across country.

Ahmedabad, Vadodara, Surat, Ankleshwar and Jhagadia are the major industrial zones of Gujarat. Most of the industries in these areas are covered under GIDC- Gujarat Industrial Development Corporation. The function of GIDC is to provide land, sheds and extend active help and support towards providing infrastructure requirements such as water, drainage, street lights etc.

GIDC's estates are marked with a

difference than the normal estate land or sheds. Within GIDC there are different Association that perform similar kind of work along with Philanthropical approach towards the community. On similar lines of Ankleshwar & Panoli Industries association We have also formed Jhagadia Industries Association (JIA) to support the member industries in the GIDC Estate.

The main objective for forming such associations is to Industrial community at Jhagadia and also extending the benefit to surrounding rural areas of education and infrastructure support.

Jhagadia Industries Association was formed in late 1995 with Mr. SB Tudekar (Of Remi Metals) as president and Mr.SR Bansal (of DCM) as Secretary. Subsequently Mr Bansal became President in 1997. The key projects managed during that time was coordinating with GIDC On infrastructure Like Roads, Water Supply and developing a pricing model for functioning of JIA Was established.

Since 2002 the association is being led by Mr. Ashok Panjwani as President.

The Jhagadia GIDC Mega Estate is spread over an area of 1705 hectares of land. This Estate has been provided with basic infrastructure as given below:



### Quality Treated Water Distribution

At Rundh there is a raw water treatment facility to treat raw river water and the installed capacity is 77 MLD. The water is filtered to a turbidity < 10 NTU. There is chlorination facility to control bio contamination. .

The treated water is pumped to the Jhagadia GIDC sump through a 700 mm Concrete pipe. Water supply distribution network is provided within the GIDC Estate. The distribution network is connected through a Ring Main and Five Elevated Storage Reservoirs (ESRs) to assure constant pressure.

Source of Water: Narmada River  
Installed Capacity: 77 MLD (17.00 MGD) for filtered Water  
Utilized Capacity: 34 MLD (7.50 MGD)

### Road Network:

The Estate is connected with internal road network consists of a single lane of 2.0 KMs, Double lanes 11.50 KMs, Three Lane 4 KMs & 4 lanes 22.60 KMs to meet the transport requirements of member industries. GIDC has developed this network, and maintains it with support of Jhagadia Industries Association.



### The Approach roads:

The Approach cement concrete road from Bharuch side starts at Kapalsari Railway Phatak near Borosil & from Ankleshwar side starts at Sagbara Railway Phatak via Navagaon till GIDC Estate. Both Roads were built by JIA in partnership with Govt of Gujarat 50% & GIDC 25% under CIP (Critical Infrastructure Projects) with the active participation of member industries (25% equity contribution). The other approach road to the estate from Jhagadia and Valia are built & maintained by the Government R&B department.

### Truck Parking Zone:

GIDC has built 3 truck parking zones within the estate. (1) Opposite Birla Century company (2) Opposite Thermax Company (3) Opp. J.M. Huber Company. GIDC is formulating an arrangement for providing various facilities including canteen in these parking zones. Driver and cleaner food make a meal. Wash room and rest room facility also available.



### Electricity / Power network:

DGVCL is providing the electrical 11 KV distribution network through 2 sub stations to all the member industries.

### Gas Pipeline Infrastructure

Gujarat Gas Company provide Natural Gas through pipeline to all the member industries as per requirement.



### Storm water drainage:

The storm water drainage system has been redesigned in the estate as per consultant study & recommendations inside the estate.



### Treated Liquid effluent drainage:

GIDC had built underground liquid effluent drainage network inside the estate.

New over ground drainage system from industries to overhead tanks has been commissioned & is operational.

From the NCT sump the treated effluent is pump through New NCT (Jhagadia Pipeline) to Kantiyajal NCT sump and from there, it is pumped to deep sea.



### Notified Office & DPMC -Fire Station:

Jhagadia Industrial Estate has been notified and Notified area office is operation now at GIDC Jhagadia office. Now, land has been procured for Notified Area office along with DPMC. Which shall be developed in due course of time all permit.

Presently Fire station equipped with fire tender is being maintained by GIDC.



## Estate Distance From Important Cities:



**Ankleshwar Railway Station**



**Bharuch Railway Station**



**National Highway No:8**

Jhagadia Industries Estate is 360 KM from Mumbai, 220 KM from Ahmedabad, 125 KM from Vadodara, 70 KM from Surat, 25 KM from Bharuch, 15 KM from Ankleshwar.

The nearest railway station is at Ankleshwar & Bharuch. Both are on Ahmedabad-Mumbai Broad gauge railway line.



**Vadodara Domestic Airport**



**Surat Domestic Airport**



**Ahmedabad International Airport**

Ahmedabad international airport is 210 km away from Jhagadia. whereas the domestic airport Vadodara is 100 km away and surat airport 100km away.



Bank of Baroda has its branch in Jhagadia GIDC Estate with ATM facility. This is very useful for industries and employees.



Nearest highway bus station is Ankleshwar GIDC bus station. It is on national Highway No:8. 20 KM away from Jhagadia GIDC.



Operate Police Choki under Jhagadia Police Station in Jhagadia Industrial Estate.