# **QESHM STEEL PLANT LOCATION**

















**4.5 MILLION TPY** 

**QESHM ISLAND FREE ZONE** 



#### **EDC-1547-00P QESHM STEEL PLANT LOCATION**



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29/05/2017



**PAKPAS ENGINEERING** 

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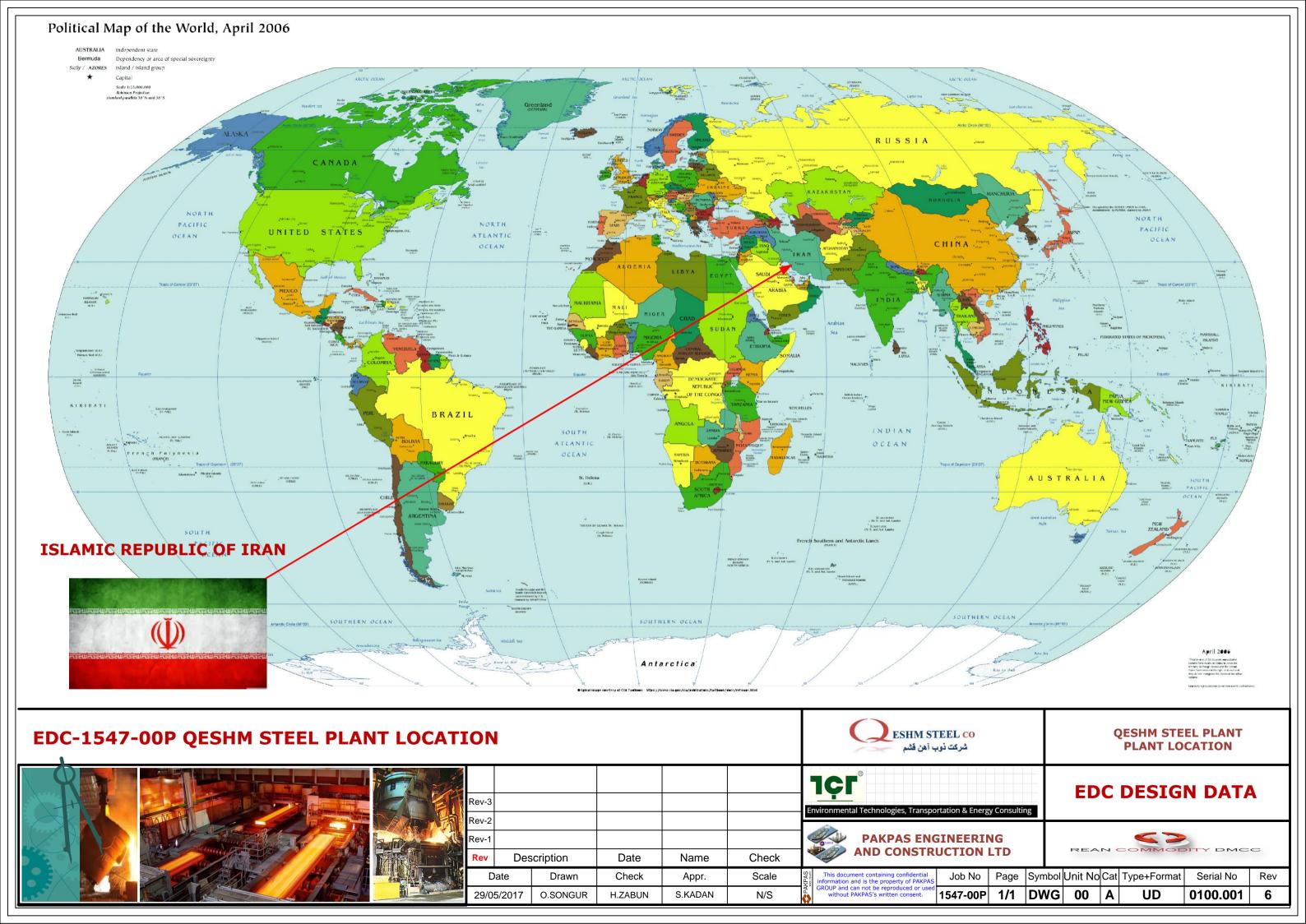


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QESHM STEEL PLANT PLANT LOCATION

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# SOUTHWEST ASIA RUSSIA RUSSIA

#### **UTM COORDINATES**

		Α	В	С	D
	Χ	402050	405980	405980	402050
l	Υ	3196754	3196754	3195237	3195237

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#### PARS SAMANGAN SOUTHWEST MINERAL CO.



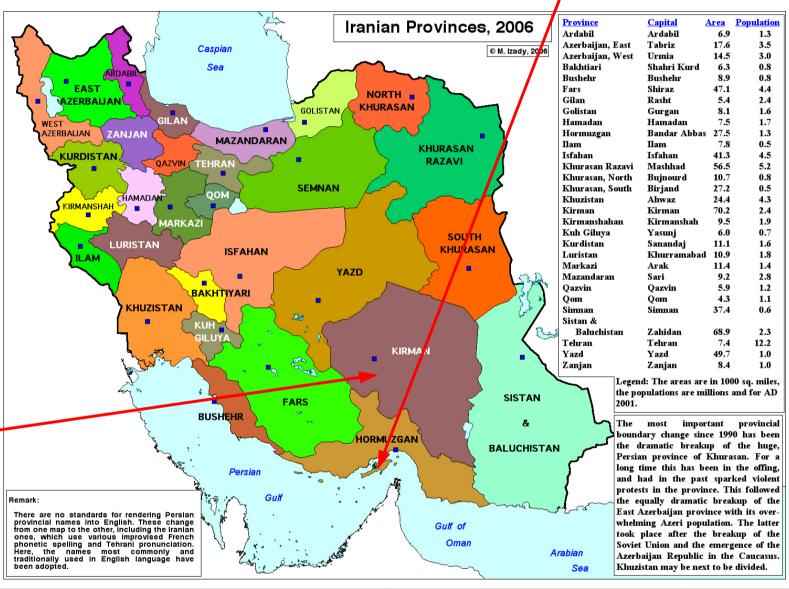
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KERMAN PROVINCE QESHM ISLAND

**SEE PAGE-16** 





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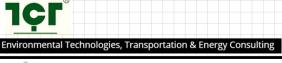
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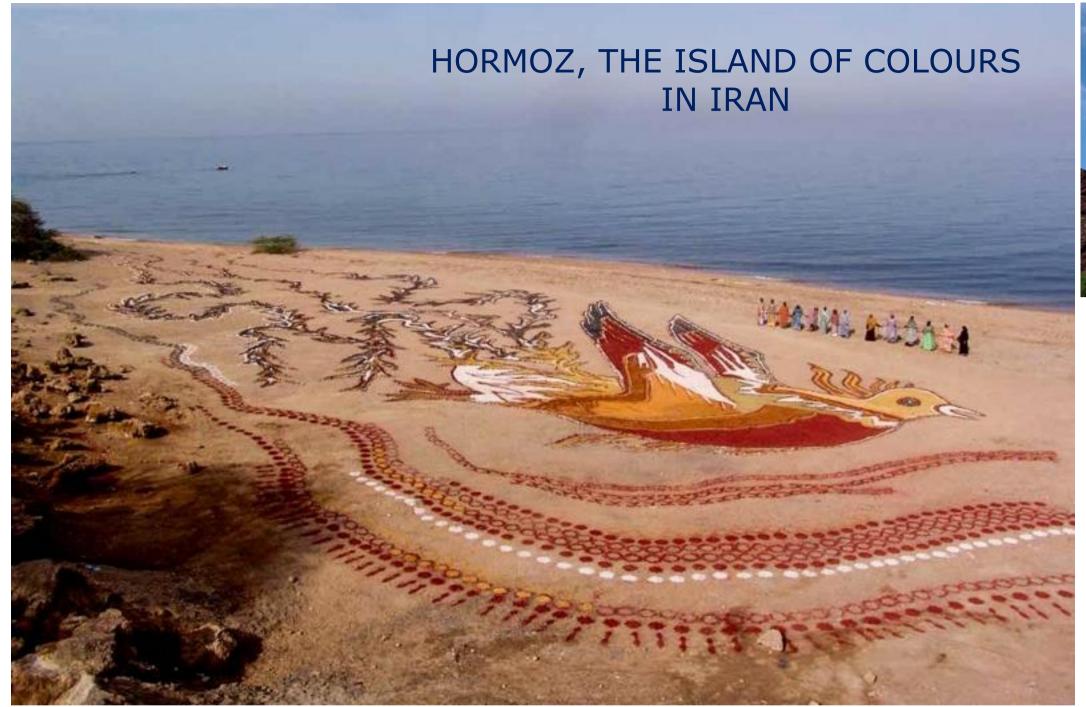
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A couple of miles out of town, we find the first surprise. It's the beach where the largest soil carpets in the world are often displayed. This fabulous mythological bird was created for a festival, thanks to the workshop in Hormuz of the artist Ahmad Nadalian.

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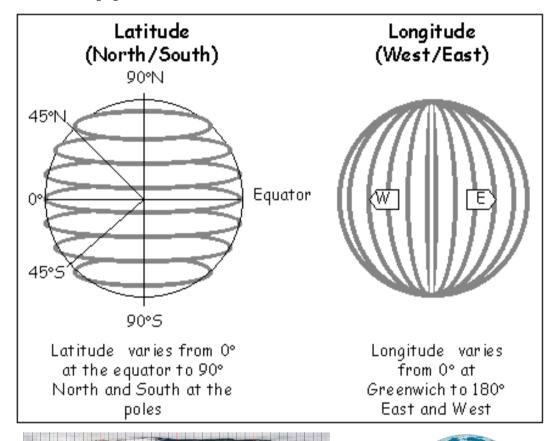
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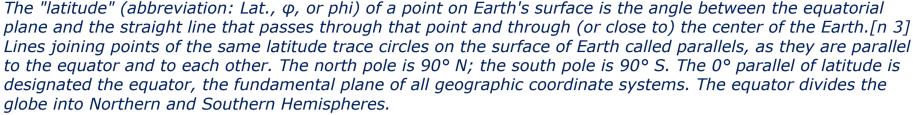
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#### INTERNATIONAL GEOGRAPHICAL COORDINATE SYSTEMS

A geographic coordinate system is a coordinate system used in geography that enables every location on Earth to be specified by a set of numbers, letters or symbols.[n 1] The coordinates are often chosen such that one of the numbers represents a vertical position, and two or three of the numbers represent a horizontal position. A common choice of coordinates is latitude, longitude and elevation.[1]



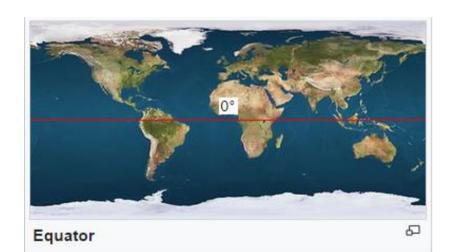


Line across the Earth 0°

Prime Meridian

The "longitude" (abbreviation: Long.,  $\lambda$ , or lambda) of a point on Earth's surface is the angle east or west of a reference meridian to another meridian that passes through that point. All meridians are halves of great ellipses (often called great circles), which converge at the north and south poles. The meridian of the British Royal Observatory in Greenwich, in south-east London, England, is the international prime meridian, although some organizations—such as the French Institut Géographique National—continue to use other meridians for internal purposes. The prime meridian determines the proper Eastern and Western Hemispheres, although maps often divide these hemispheres further west in order to keep the Old World on a single side. The antipodal meridian of Greenwich is both 180°W and 180°E. This is not to be conflated with the International Date Line, which diverges from it in several places for political reasons, including between far eastern Russia and the far western Aleutian Islands.

The combination of these two components specifies the position of any location on the surface of Earth, without consideration of altitude or depth. The grid formed by lines of latitude and longitude is known as a "graticule". [6] The origin/zero point of this system is located in the Gulf of Guinea about 625 km (390 mi) south of Tema, Ghana.





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#### UNIVERSAL TRANSVERSE MERCATOR SYSTEM-UTM

The Universal Transverse Mercator (UTM) and Universal Polar Stereographic (UPS) coordinate systems both use a metric-based cartesian grid laid out on a conformally projected surface to locate positions on the surface of the Earth. The UTM system is not a single map projection but a series of sixty, each covering 6-degree bands of longitude. The UPS system is used for the polar regions, which are not covered by the UTM system.

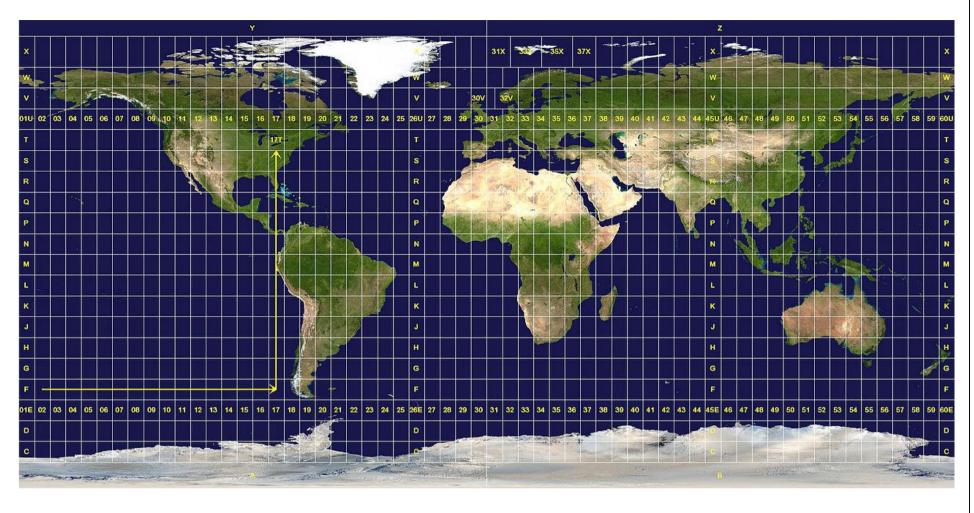


The UTM system divides the Earth between 80°S and 84°N latitude into 60 zones, each 6° of longitude in width. Zone 1 covers longitude 180° to 174° W; zone numbering increases eastward to zone 60, which covers longitude 174°E to 180°.

Each of the 60 zones uses a transverse Mercator projection that can map a region of large north-south extent with low distortion. By using narrow zones of 6° of longitude (up to 800 km) in width, and reducing the scale factor along the central meridian to 0.9996 (a reduction of 1:2500), the amount of distortion is held below 1 part in 1,000 inside each zone. Distortion of scale increases to 1.0010 at the zone boundaries along the equator.

In each zone the scale factor of the central meridian reduces the diameter of the transverse cylinder to produce a secant projection with two standard lines, or lines of true scale, about 180 km on each side of, and about parallel to, the central meridian (Arc cos 0.9996 = 1.62° at the Equator). The scale is less than 1 inside the standard lines and greater than 1 outside them, but the overall distortion is minimized.

http://earth-info.nga.mil/GandG/coordsys/mmr201.pdf http://www.latlong.net/place/university-of-tehran-tehran-iran-4466.html



The Universal Transverse Mercator (UTM) conformal projection uses a 2-dimensional Cartesian coordinate system to give locations on the surface of the Earth. Like the traditional method of latitude and longitude, it is a horizontal position representation, i.e. it is used to identify locations on the Earth independently of vertical position. However, it differs from that method in several respects.

The UTM system is not a single map projection. The system instead divides the Earth into sixty zones, each being a six-degree band of longitude, and uses a secant transverse Mercator projection in each zone.

	Α	В	С	D
Χ	402050	405980	405980	402050
Υ	3196754	3196754	3195237	3195237

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#### **EDC-1547-00P QESHM STEEL PLANT LOCATION**





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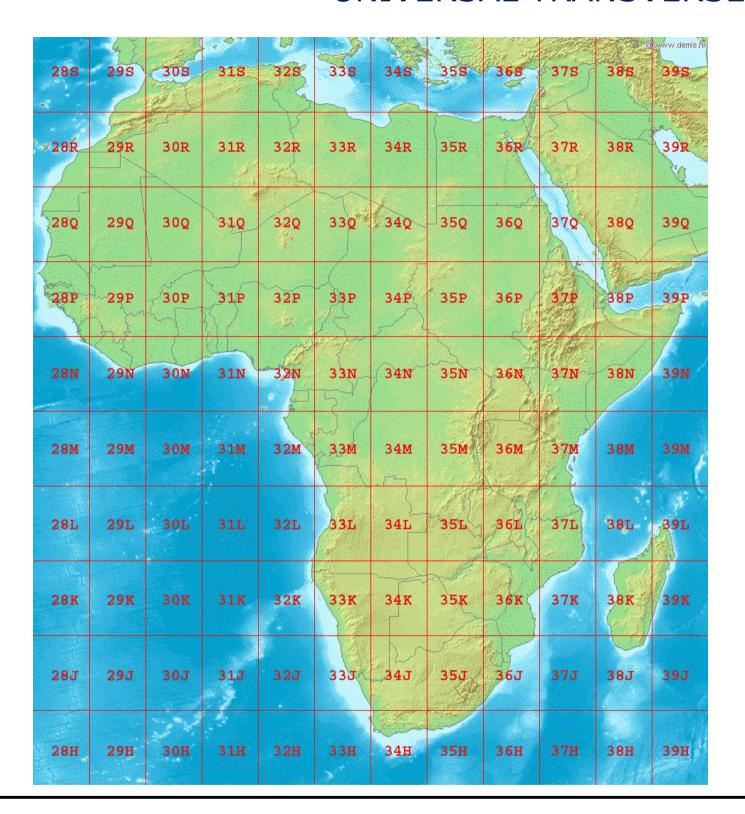


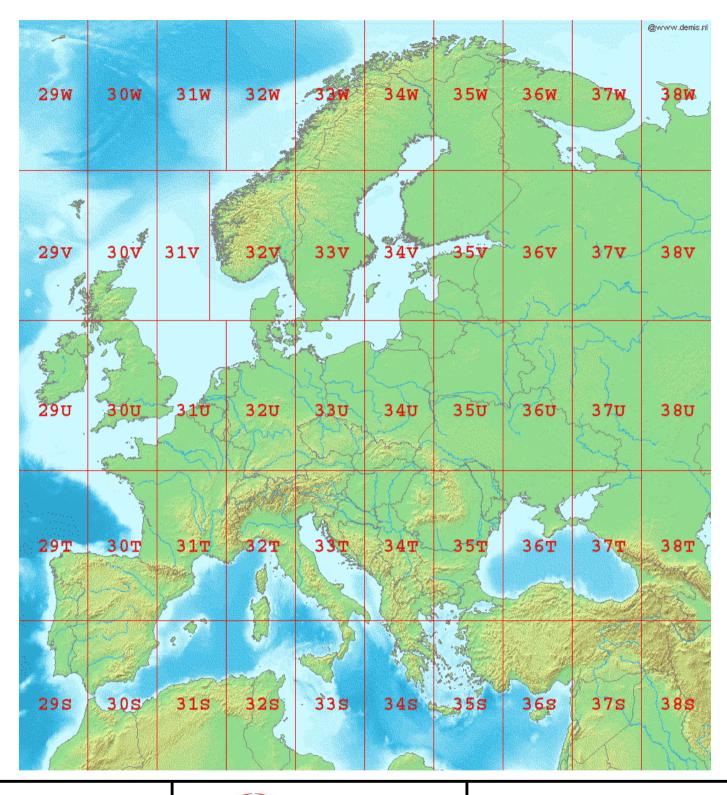
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### UNIVERSAL TRANSVERSE MERCATOR SYSTEM-UTM





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#### UNIVERSAL TRANSVERSE MERCATOR SYSTEM-UTM

#### **Notation**

The combination of a zone and a latitude band defines a grid zone. The zone is always written first, followed by the latitude band. For example (see image, top right), a position in Toronto, Canada, would find itself in zone 17 and latitude band "T", thus the full grid zone reference is "17T". The grid zones serve to delineate irregular UTM zone boundaries. They also are an integral part of the military grid reference system.

A note of caution: A method also is used that simply adds N or S following the zone number to indicate North or South hemisphere (the easting and northing coordinates along with the zone number supplying everything necessary to geolocate a position except which hemisphere). However, this method has caused some confusion since, for instance, "50S" can mean southern hemisphere but also grid zone "50S" in the northern hemisphere.[6] There are many possible ways to disambiguate between the two methods, two of which are demonstrated later in this article.

# A Quick Guide to Using UTM Coordinates

Standing at the center of the marker shown on the map below, a GPS unit set to display position in UTM/UPS format, would report a location of:

Let's look at where the various parts of the UTM position come from on the map.

Location 10 S 0706832 UTM 4344683

The label,, reads "seven hundred and six thousand meters East." The label,, is an abbreviation for, The two grid lines are 1000 meters apart. The horizontal grid lines are labeled in a similar manner.

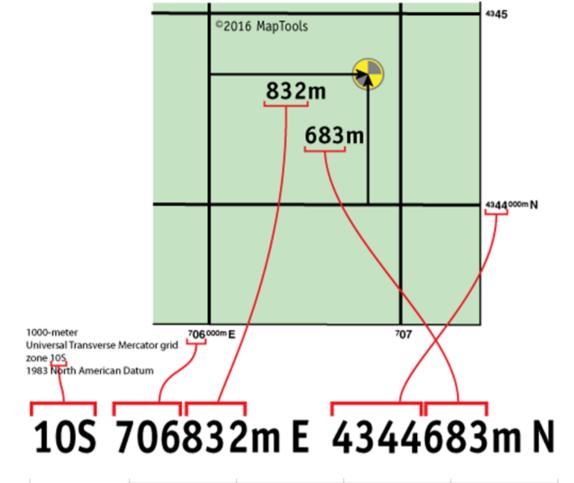
The **10S** is the Grid Zone Designation you are in. The Grid Zone is necessary to make the coordinates unique over the entire globe.

The top set of numbers, **706832**, represent a measurement of East-West position, within the Grid Zone, in meters. It's called an Easting. Using a map with a 1000m grid, the first digits are come from the label for the grid line to the west of the position. The last 3 digits are the distance in meters measured from the western grid line.

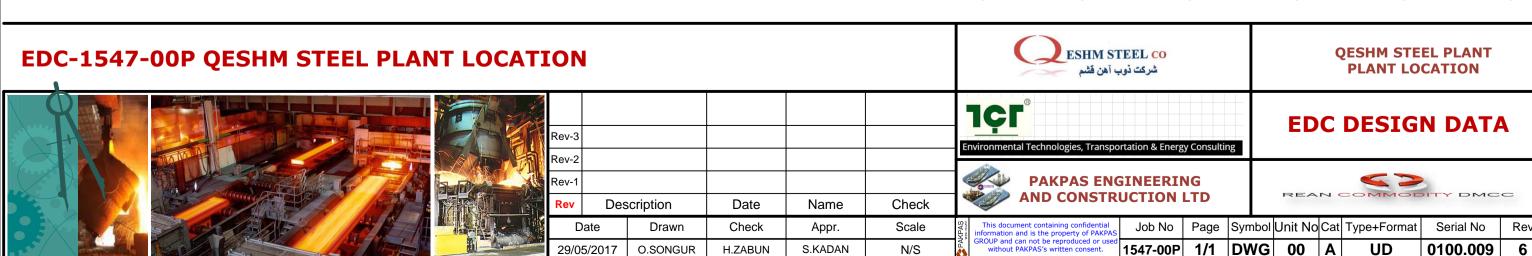
The bottom set of numbers, **4344683**, represent a measurement of North-South position, within the Grid Zone, in meters. It's called a Northing. Using a map with a 1000m grid, the first digits are come from the label for the grid line to the south of the position. The last 3 digits are the distance in meters measured from the southern grid line.

http://awsm-tools.com/geo/utm-to-geographic

http://herpnet.org/herpnet/gbif/World UTM Map.pdf

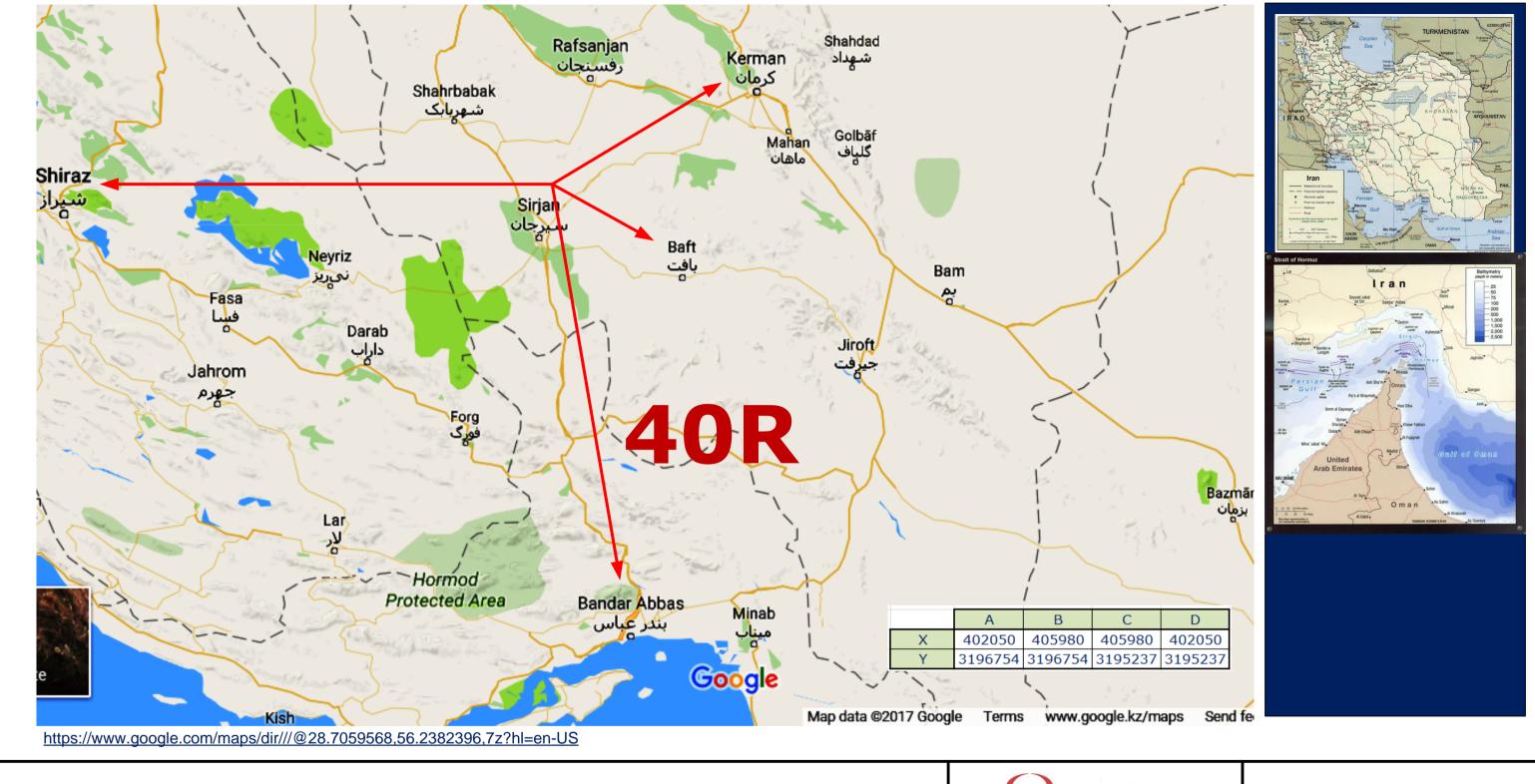


	Α	В	С	D
Χ	402050	405980	405980	402050
Υ	3196754	3196754	3195237	3195237



# KERMAN-SIRJAN-DASH-E ZAR IRON ORE DEPOSIT

http://www.lib.utexas.edu/maps/middle\_east\_and\_asia/iran\_pol01.pdf



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# KERMAN-SIRJAN-DASH-E ZAR IRON ORE DEPOSIT

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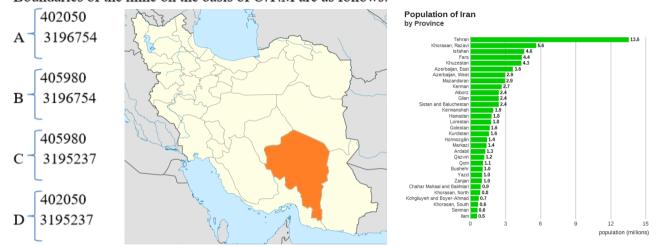




**Notary Public** 

PROVINCE: KERMAN **SIRJAN** COUNTY: DASH-E-ZAR DISTRICT:

- 1- Name of the Mine: Chahzar Iron Ore
- 2- Name of the Material/Mineral Materials in Utilization and Chemical Components: Iron Ore (Hematite)
- 3- Place and Geographical Location of the Mine: Province: Kerman, County: Sirjan, District: Central, Village: Dasht-e Zar, Distance to the Province Center: 260 Kilometers
- 4- Mine Boundaries: Four, Dimensions: ABCD, Surface Area: 6 Square Kilometers Boundaries of the mine on the basis of U.T.M are as follows:



By virtue of deed of compromise No. 139223453012000003, dated 24/12/2013, registered by notary public No. 216 of Sirjan, the utilization permit for Chahzar Iron Ore Mine was transferred to the name of Pars Samangan Southwest Mineral Co., located at No. 1, Pirouzi Blvd., Sirjan, Iran. Meanwhile, the named company has presented amount of IRR. 100,000,000 via bank guarantee No. 62629, dated 22/01/2014, Bank Melli, Sirjan Bazaar Branch, for good performance commitment.

Signed by head of Industry, Mine and Commerce Organization of Kerman Province

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	Α	В	С	D
X	402050	405980	405980	402050
Υ	3196754	3196754	3195237	3195237



### **EDC-1547-00P QESHM STEEL PLANT LOCATION**







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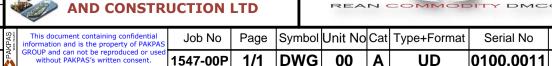
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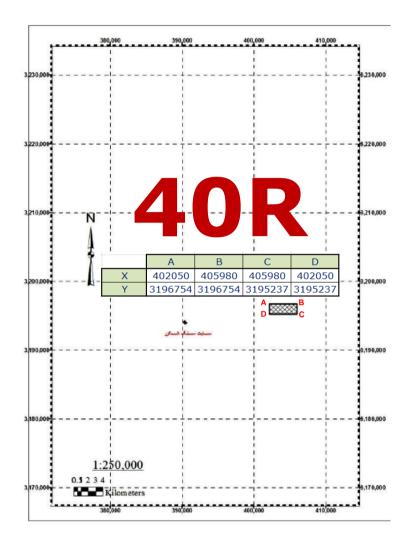


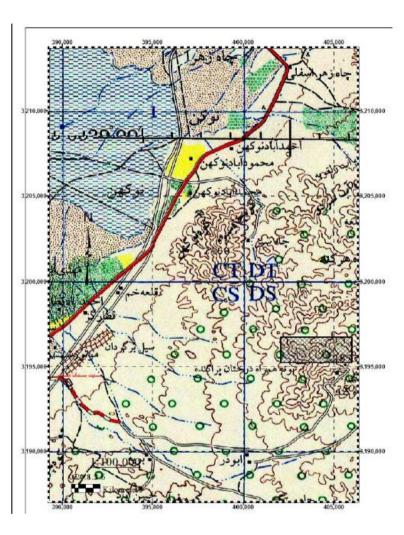


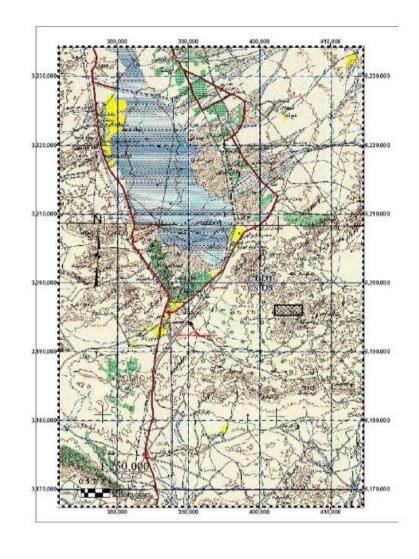
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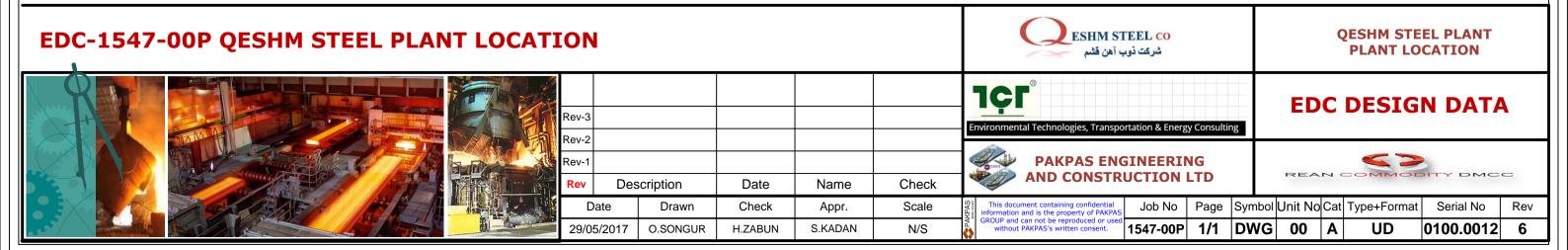






http://www.latlong.net/place/tehran-iran-4703.html

	Α	В	С	D
Χ	402050	405980	405980	402050
Υ	3196754	3196754	3195237	3195237



# KERMAN-SIRJAN-DASH-E ZAR IRON ORE DEPOSIT-ONLINE GEOGRAPHIC TOOLS





http://www.latlong.net/



http://www.latlong.net/place/kerman-kerman-iran-6707.html

KER	RMAN	SHIRAZ		
Country	Iran	Country	Iran	
Latitude	30.283937	Latitude	29.591768	
Longitude	57.083363	Longitude	52.583698	
DMS Lat	30° 17' 2.1732" N	DMS Lat	29° 35' 30.3648" N	
DMS Long	57° 5' 0.1068" E	DMS Long	52° 35' 1.3128" E	
UTM Easting	508,017.18	UTM Easting	653,375.37	
UTM Northing	3,350,251.49	UTM Northing	3,274,598.25	
UTM Zone	40R	UTM Zone	39R	
Elevation (m)	1,763 m	Elevation (m)	1,509 m	
Elevation (f)	5,784 feet	Elevation (f)	4,951 feet	
Category	Cities	Category	Streets	
Country Code	IR	Country Code	IR	
Zoom Level	10	Zoom Level	10	

#### **EDC-1547-00P QESHM STEEL PLANT LOCATION**



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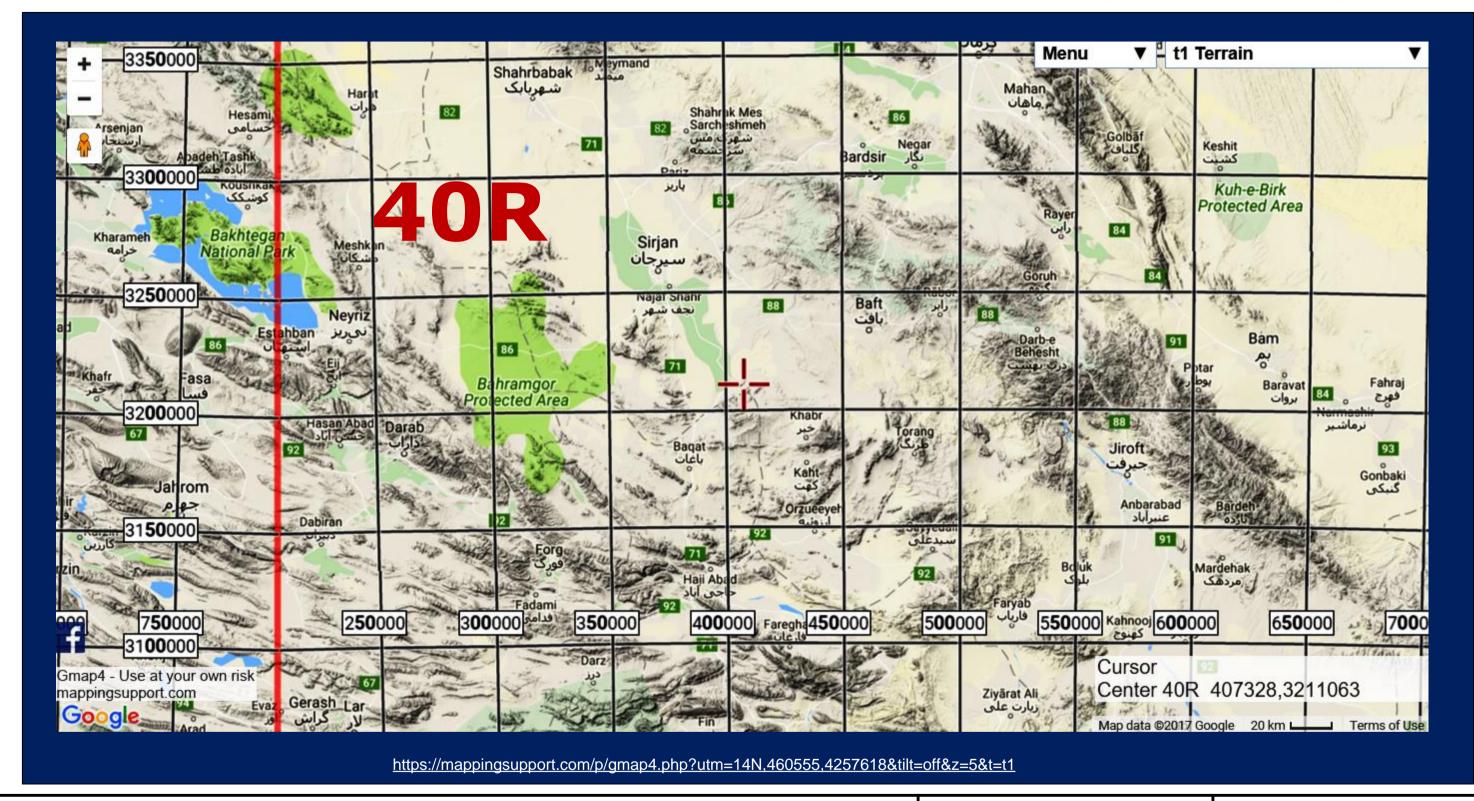
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# KERMAN-SIRJAN-DASH-E ZAR IRON ORE DEPOSIT-ONLINE GEOGRAPHIC TOOLS







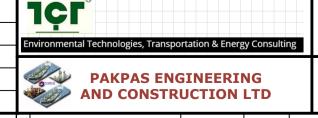
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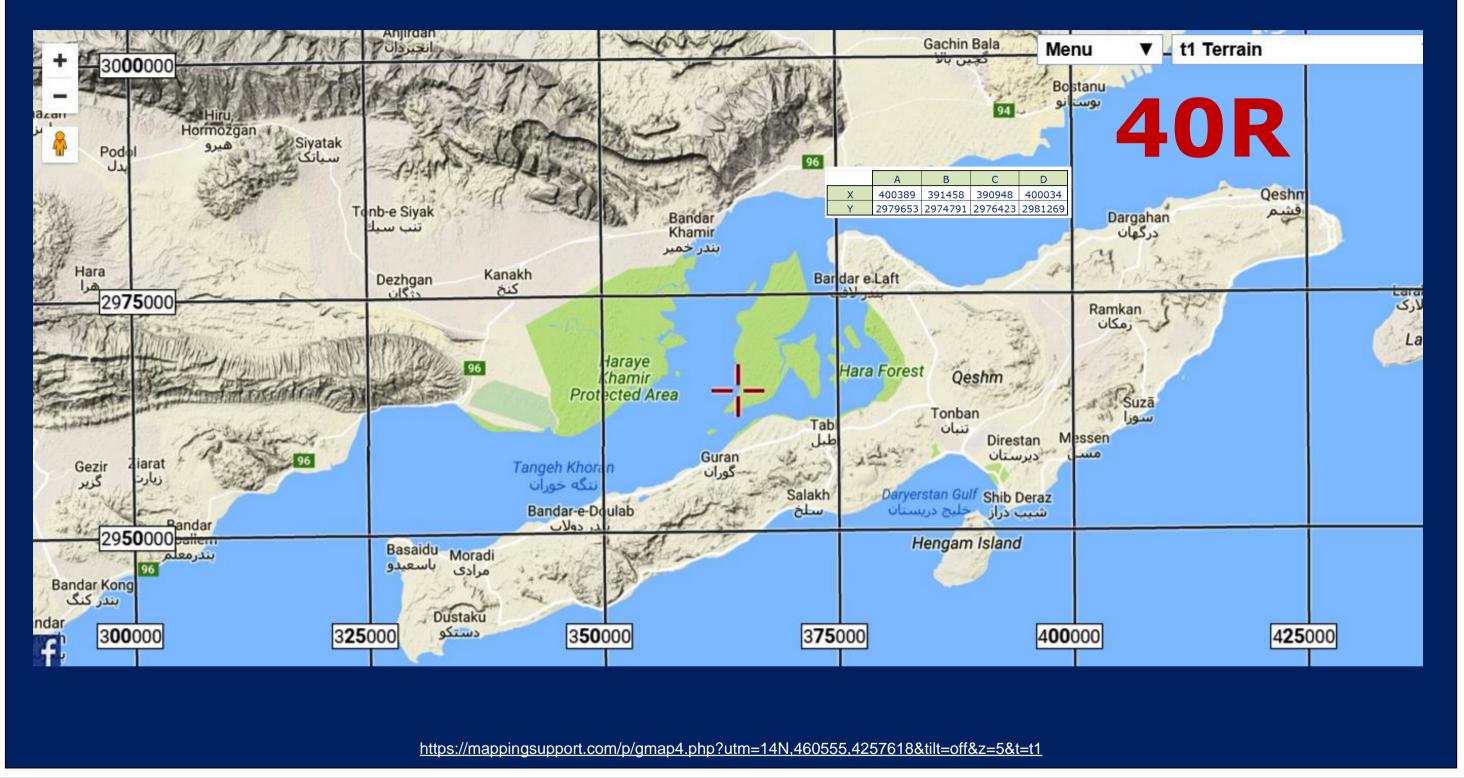
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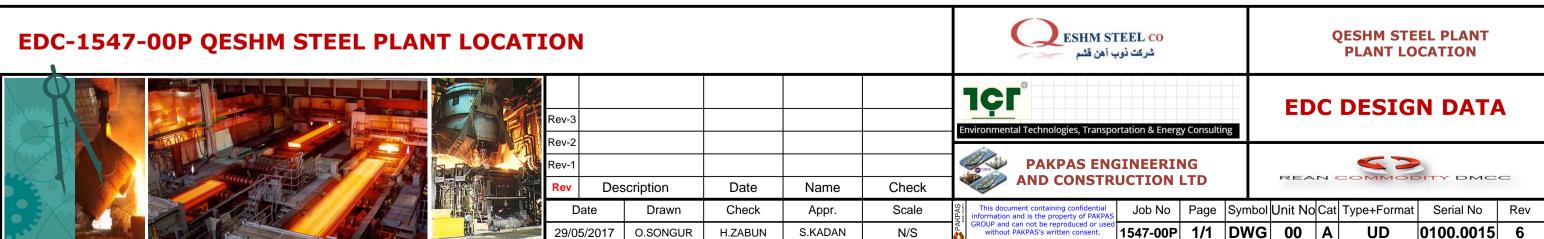


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QESHM STEEL FATORY LOCATION-QESHM ISLAND FREE ZONE





http://www.qeshimisteel.com/Library/QESHM.bmp



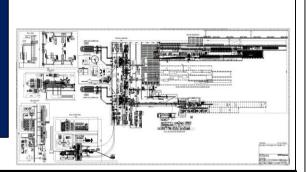
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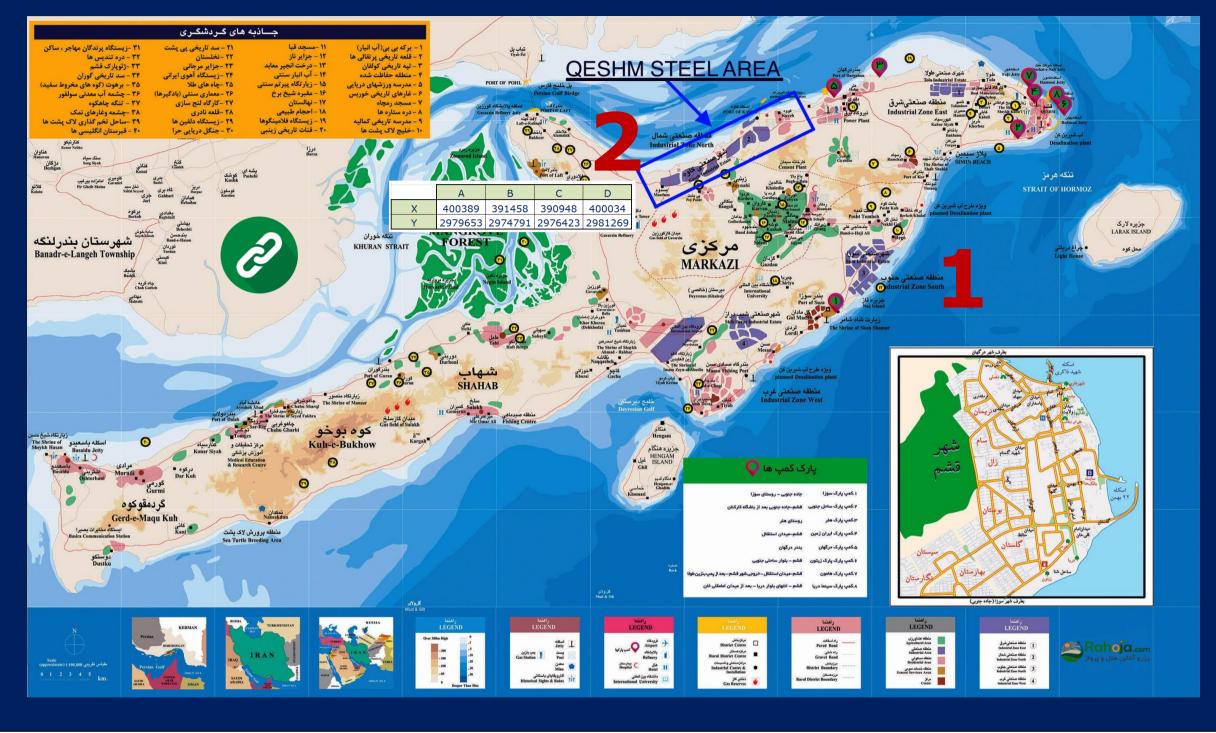


**PLANT FLOW DIAGRAM** 

http://www.qeshimisteel.com/Library/FLOW.pdf

		Α	В	С	D	
	Χ	400389	391458	390948	400034	
	Υ	2979653	2974791	2976423	2981269	





#### **EDC-1547-00P QESHM STEEL PLANT LOCATION**



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