



**Water
in good
hands**

SIGMAINVEST
ENGINEERING & CONTRACTING COMPANY



50 Years of Sigma Water Technology in Iraq



Drainage Pumping station - Drain 22



Drainage pumping station - DRAIN 22 (pump units)

PS - Mandali 1



New SIGMA pump W-QN-800-LB - erection in process.

36 projects in Iraq

SIGMAINVEST TECHNOLOGIES IN IRAQ

SIGMAINVEST - a Global Engineering and Contracting Company with a long standing presence in Iraq, extending the reputable tradition of INTERSIGMA. Based in the Czech Republic, SIGMAINVEST is active in Iraq first of all in the sphere of pumping facilities and potable water treatment, expanding a long standing association with the Iraqi water industry.

SIGMAINVEST's scope of supply for Iraq are also process pumps, cooling water systems as well as pumping applications for oil refineries.

SIGMAINVEST's post-contractual assistance developed within the Iraqi territory includes operation & maintenance agreements, provision of spares, plant upgrading and refurbishing.

SIGMAINVEST is capable of offering and handling a full range of contracting services above all in the field of pumping, potable water and wastewater plants, including conceptual design and process origination, project implementation, construction and installation as well as testing and commissioning. With a team of professionals of its own, SIGMAINVEST is well equipped to deliver a project from concept to commissioning.

SIGMAINVEST plants operable in Iraq at present include both new projects as well as rehabilitations and/or upgrades in the following sectors:

- irrigation pumping stations
- drainage pumping stations

- water treatment plants
- process pumping systems
- pumps for oil refineries and cooling water systems

SIGMA trademark is synonymous with high quality pumps, which are well-known worldwide, especially in those countries where water means life, including Iraq. SIGMAINVEST can give an ideal solution to practically any pumping issue.

SIGMAINVEST is confident it has a solid platform upon which to grow the business and reinforce its position in Iraq as a reliable engineering and contracting partner.

Drainage pumping station - Al Shomally



Al Shomally drainage pumping station - old building



New SIGMA pumps 1400-AQSV (at works)



New SIGMA pumps 1400-AQSV (suction part)

Drainage pumping station - Kaiseba 2



New vertical SIGMA pumps 800-AQTV



Kaiseba 2 - old building



Kaiseba 2 - old pumps

Pumping units and cooling systems for Iraqi Refineries

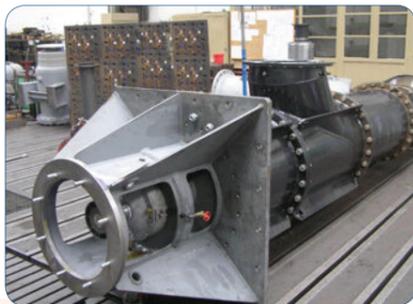


SIGMA process pump for Refinery in Baiji



Basra Refinery - pumping station and cooling towers

Pumping station - Al Hindiya Babal Barrage



New vertical pumps 800-AQTV at SIGMA factory



Al Hindiya Babal Barrage - old pumping station

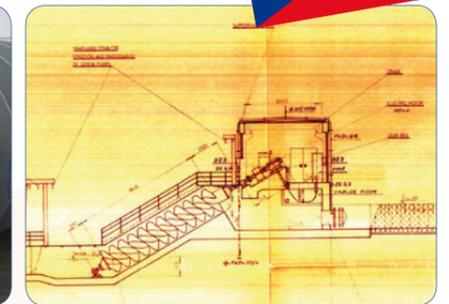


Al Hindiya Babal Barrage - discharge from the old pumping station

Irrigation Pumping Station - Abu Shabkha



New screw pumps for PS Abu Shabka



Irrigation pumping station at Abu Shabkha - arrangement

More than 36 Sigma water projects in the whole Iraq.

Water projects in Iraq



Pumping stations

Site of operation	Q [l/s]	H [m]
01 Mandali 1	9000	25
02 Mandali 2	1250	172
03 Mandali 3	535/10300	45/2.2
04 Saklawiyah SA-01	2800	1.66
05 Saklawiyah SA-02	830	1.75
06 Saklawiyah SF-00	3300	4.26
07 Al Sakran	670	.92
08 Faluja 03	1050	2.25
09 Faluja 05	3210	3.5
10 Faluja 06	1350	2.5
11 Faluja 07	1050	2.0
12 Faluja 08	460	2.5
13 Amara	21320	5.5
14 Al Joaan	7000	4.0
15 Hillah-Diwaniyah 5	5000	3.8
16 Al Diboni	4000	7.0
17 Al Dijaila 8	7500	3.75
18 Al Dijaila 10	3600	4.0
19 Al Dijaila 13	13200	5.7
20 Ksaiba 1	5600	4.1
21 Eski Kelek 1	5000	6.4
22 Eski Kelek 2	2360	6.4
23 Al Shomali	21320	5.5

projects after year 2005

24 Mandali 1	9000	25
25 Drain 22	8000	4.4
26 Al Hindia	4640	3.3
27 Al Shomali	15990	5.0
28 Abu Sabhka	5880	4.0
29 Ksaiba 2	4200	4.5

Water treatment plants

Site of operation	Capacity Q [l/s]
01 Khanaqin	150
02 Thoulia	19
03 Kahla	35
04 Azizyah	45
05 Musharrah	30
06 Amara	500
07 Duhok	250
08 Saladdin	150
09 Basra - refinery	55.5

Oil Industry

Site of operation
01 Process pumps N.R.C. Baiji
02 Process pumps S.R.C Basrah



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