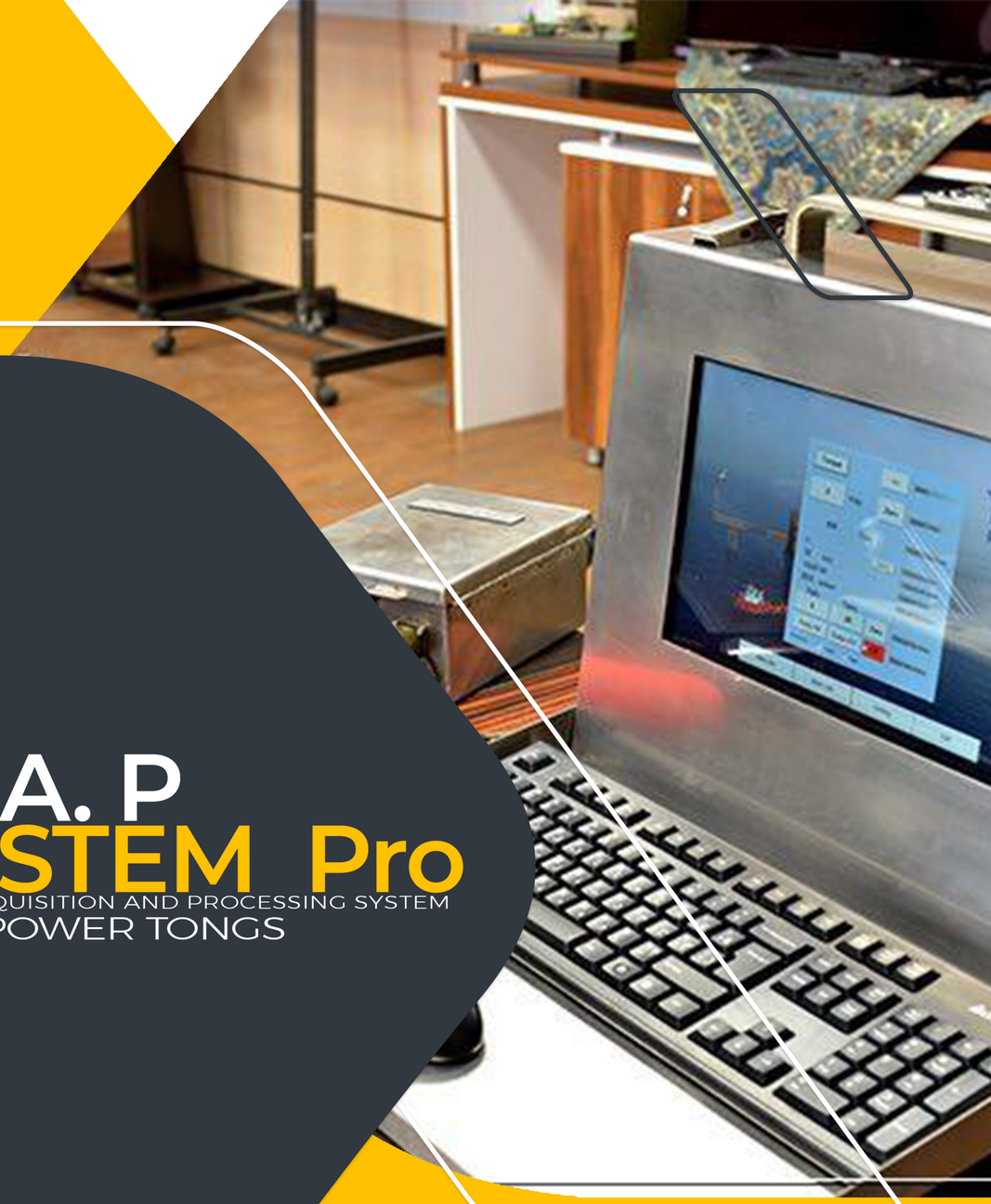
اولین و تنها سازنده جم یونیت ساخت داخل و عملیاتی در کشور و خاورمیانه از سال ۱۳۹۵

به شرکت های حفاری نظیر:

SOS الخدمات الخاصة لحقول النفط SPECIAL OILFIELD SERVICES

North Drilling (Public Joint Stock)

OEOC شرکت عملیات اکتشاف نفت Oil Exploration Operations Company



D. A. P SYSTEM Pro

DATA ACQUISITION AND PROCESSING SYSTEM FOR POWER TONGS

Avazeh Jonoob Ahvaz

Precision tools
manufacturing and production of
oil and gas field equipment
Casing-Cement-Acid data acquisition

Company Profile

Avazeh Jonoob Ahvaz Co. officially started its activity in 2000 in various fields of industry.

Avazeh Jonoob Ahvaz Company was founded by relying on the experiences of its experienced workers and associates in the oil, drilling and refinery industry, with the aim of optimizing equipment and designing and manufacturing devices and parts for related industries.

This company has always tried to be the leader in providing new services and products based on the needs of the market while meeting the needs of all customers in various fields.

Avazeh Jonoob Ahvaz Co. has several years of experience in carrying out projects of the National Drilling Company of Iran and precision instrument systems, as well as providing goods and parts needed for the oil, gas, petrochemical, power plant and refinery industries, drilling tools and auxiliary drilling service devices in offices. UBD, well piping, air drilling, suspension installation, layer testing, mixture and chemical materials department, cementing, well exploitation test department and net management, as well as supply of goods and services to Iran Continental Plateau Oil Company, Oil Exploitation Company and There is also western gas.

In order to provide complete services to the above-mentioned industries, this company gives its valued customers the opportunity to be assured of timely and committed after-sales services, and entrusts the projects, purchase, installation and commissioning of the purchased equipment to this company. to have the honor of technical cooperation with dear customers.

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D. A. P. SYSTEM Pro

DATA ACQUISITION AND PROCESSING SYSTEM FOR POWER TONGS

Leading-Edge Solutions for Optimal Performance

AJA CO. is transforming the industry with innovative technology solutions that enable our customers' success, delivering optimal operational efficiency and performance, while keeping people, assets and the environment safe

INNOVATION

Innovative system and software from a technology leader

EXPERTISE

20+ years of experience with thousands of torque monitoring systems in the field supporting customers' needs

VERSATILITY

Adaptable for any tong, torque sub, bucking unit or calibration bar applications

Applications:

» Monitor, control and analyze tubular connections make-up to ensure that all tubing and casing connections conform to manufacturer specifications.

» DAP system monitors torque, turns and rotation speed of any power tong in real-time

The system uses DAP software that interacts with external control hardware and allows user to easily specify make-up parameters, control the process and evaluate quality of each connection make-up. Standard software features provide torque/turn graphs, generate customized reports and offer the ability to review results from previous make-ups for further analysis and information.

DAP System Components:

DAP SYSTEM HARDWARE COMES STANDARD WITH:

1. DAP Controller Unit
2. Junction Box with CT Cable
3. Dump Valve Assembly with Dump Valve Cable
4. Encoder with Encoder Cable
   » Encoder must be selected separately, since various
5. Cables included are: encoder, dump valve, network and power cables
6. Tensile load cell (electrical and hydraulic load cell support).
   Pressure load cell (electrical and hydraulic load cell support).
   »Load Cell must be selected separately, since various
   bucking unit models require a different type of load cell
7. Portable box for carrying equipment

Controller Specifications:

» Sampling Rate: Base Rate over 500 Samples/Second

» Torque Accuracy: Typically <0.5% Full Scale (not including Load Cell)

» Turns Accuracy: +/- 1 pulse of turns counter

» RPM Accuracy: Better than 0.25 RPM Error

» Pressure Accuracy: Typically <1%

» Response Time: Electronic Dump Valve Output Control:< 0.5 ms

» Hydraulic dump valve: Typical 5 to 25 ms

» Power requirement: 100-240 V~, 50-60 Hz

» Power consumption: 1.4a max @ 100V~, 0.87a max @240V~

» Rated temperature: -30˚C +60˚C, -22˚F +140˚F

» Altitude: 3200m

» Maximum humidity: 95% - non-condensing

» Protection: Nema 4, ip65

» Communication options: Wi-Fi 802.11 b/g or Bluetooth LE, ethernet 10/100

System Specifications:
Lenovo ThinkPad Yoga Workstation

» Screen Size: 14.1"

» Intel Core i7 processor

» RAM: 8GB

» Hard Drive: 256GB SSD

» Native Resolution: 1920 x 1200

» Monitor Features: Glove touch

» Webcam Capability

» Resolution (MP): 8 Megapixel (rear)

» Resolution: 1080p (front)

» Sunlight readable, Anti-glare, Anti-reflective

» WIFI

» Windows 10

» 3 USB ports

» Run Time, up to 7 hours on batteries with power supply built into the system

» Battery Packs are designed to be hot swapped so you have no downtime even when not docked