

# 2024

Hamedsft Engineering Group



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### OUR CAPABILITIES

#### NDT TEST

- Ultrasonic Examination
- Radiography Examination
- Penetration Examination
- Magnetic Examination
- visual Examination

#### ADVANCE NDT

- Phased Array Ultrasonic
- Time Of Flight Diffraction
- Magnetic Flux Leakage
- Vacuum Test
- Memory Magnetic Text (M.M.M)

### OUR FACILITIES



#### PAUT + TOFD

- Sonatest VEO+ 32:64 PR
- PAUT PROBE
- TOFD PROBE
- FC02 SCANNER
- SIUI Ultrasonic test
- Calibration Blocks
- Magnetic Blocks
- Holiday Detector

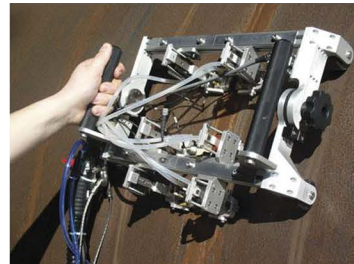
## SOME OF OUR PERFORMED PROJECTS

### SPHERICAL TANK

OWNER	LOCATION	QTY	Phased Array	TOFD
Mihan GAS	Dar-es-salam - Tanzania	6	•	
Takhtjamshid Petrochemical complex	Assaluyeh	2	•	•
Polynar petrochemical complex	Tabriz	2	•	
Takhtjamshid Petrochemical complex	Maahshahr	2	•	•
Naft setare Persian Gulf	Bandarabbas	3	•	•
Di-polymer Arya	Khomeyn	2	•	•
Gachsaraan Perchemical complex	Gachsaran	3	•	•
GAS FILLING COMPANY	Mosul-Iraq	3	•	•
BSR Refineries Dev	Basrah-Iraq	1	•	•
ABG Gas Storage	Abu Ghraib-Iraq	1	•	•
KARBALA Gas storages	Karbala-Iraq	1	•	•
Mahestan Alay	Assaluyeh	6	•	•
NGL 3100	Dasht-Abbas	1	•	•

### PIPING, Towers, Vessels and other

OWNER	LOCATION	Phased Array	TOFD
Sabalan Petrochemical complex	Assaluyeh	•	
Fateh Sanaat Kimia	Shiraz	•	•
Hengam Petrochemical complex	Assaluyeh	•	•
South pars gas phase 13	Assaluyeh	•	•
Kimi Petrochemical Complex	Assaluyeh	•	•
Pulad sazan farayand	Karaj	•	•
Shiraz Petrochemical Cmplx	Shiraz	•	•
Bidboland refinery	Behbahan	•	•
NGL900	Dasht-Abbas	•	
Basra Power plant	Basrah-Iraq	•	•



## OUR CAPABILITIES

### Heat treatment services

- PWHT on spherical tanks
- PWHT on storage tanks
- PWHT on vessels
- PWHT on tube-sheets
- PWHT on reactors
- PWHT and preheat on pipelines
- PWHT in furnaces
- Annealing
- Isothermal Annealing
- Tempering
- Surface or Case Hardening
- Hardenability
- Aluminum Bronze Heat Treatment
- Quenching
- Normalizing

## OUR FACILITIES

### INTERNAL HEATTREATMENT

- High velocity HGO burners x 10
- Centrifugal blowers 450mbar x 8
- High pressure pumps x 12
- Professional contrpl system x 5

### PIPING HEATTREATMENT

- 12 Channels 140KW PWHT machine x 10
- 6 Channels 70KW PWHT machine x 16
- 6 Channels 220V PWHT machine x 10
- Hardness tester x 2

### PIPING HEATTREATMENT

- Portable ovens up to 1100'C x 3
- Huge furnace 6x6x20 x 1
- Furnace 2x2.5x8 x 1

## SOME OF OUR PERFORMED PROJECTS

### SPHERICAL TANK

CLIENT	LOCATION	QTY	DIA	THK(mm)
WINTECO	INDONESIA	6	18	46
GAS FILLING COMPANY - AGI	IRAQ	14	18.6	48
Kavian <small>petrochemicla complex</small>	Assaluyeh	1	26	56
Di-polymer Arya	Khomeyn	2	19	48
ASPC perchemical complex	Assaluyeh	1	26	56
Gachsaraan <small>petrochemical complex</small>	Gachsaraan	3	19.5	52
Lavan Gas Refinery	Lavan	2	23	54
HYUNDAI	TURKMENISTAN - KIANLY	3	16	46
Tehran Refinery	Tehran	1	16	46
Mihan GAS	TANZANIA - Dar-es-salam	6	21.3	48
ILAM <small>petrochemical comlex</small>	Ilam	12	16 ~ 22	48
Tabriz <small>petrochemical comlex</small>	Tabriz	4	16 ~ 18.6	44
Golgohar-Mine	Golgohar-Sirjan	2	12.4	38
SFPC	Maahshahr	6	15.5 ~ 22	85

### PIPING, Towers, Vessels and other

CLIENT	LOCATION	Description
Khark <small>Petrochemical complex</small>	Khark	Preheat and PWHT on piplines, tails and towers
Fateh Sanaat Kimia	Shiraz	PWHT by using HGO Burners, temporaty furnace
Rajayee power plant	Qazvin	Heat treatment on pipelines and connections
CHR Group	Tehran	Aneal the pipelines
Southpars Phase 9, 10	Assaluyeh	Preheat and PWHT on pipelines
Renwa Group	IRAQ - Zakhoo	Tempering and PWHT on joints and pipelines
M.S.A	Arak	PWHT on huge raactor
Paysaz	Ahwaz	PWHT on towers with 60m height
Mahdin	Safaadasht	PWHT at furnace on 70Tons Towers
K1	Erbil-Iraq	PWHT on metering equipment



