



Corporate  
Member.

طوبی تاک  
شرکت مهندسی  
مشاور و بازرسی



TUBI  
TAK  
Consulting Eng.  
& Inspection Co.

## Special NDT Services – Experiences from year 1999

No.	Client	Plant/Shop	Subject	Duration	Year	Method	Volume
1	E.O.R.Co	Esfahan Oil Refinery Co.	Inspection of Isomax Unit No.1 Reactors	5 Days	2010	TOFD, F.F.S, Phased Array, PT	-
2	S.O.R.Co	Shiraz Oil Refinery Co.	Inspection of Isomax Unit No.1 Reactors	38 Days	2010	TOFD, F.F.S, Phased Array, PT	-
3	T.V.S.Co	Tehran & Vicinity Subway Co.	Connection Holes Beside of Welds	45 Days	2009	UT, MT, VT	2000 Welds
4	N.P.M.Co	Neka Power Management Co.	Turbine & Boiler	30 Days	2009	RLA	Turbine & Boiler Components
5	L.P.P	Loshan Power Plant	Turbine & Boiler	40 Days	2009	RLA	Turbine & Boiler Components
6	E.O.R.Co	Esfahan Oil Refinery Co.	Inspection of Isomax Unit No.1 Reactors	12 Days	2009	TOFD, F.F.S, Phased Array, PT	-
7	E.P.P	Esfahan Power Plant	Condenser	40 Days	2009	ECT	2000 Tubes
8	T.O.R.Co	Tabriz Oil Refinery Co.	Air Cooler	3 Days	2009	ECT	ECT Equipment Commissioning
9	T.U.S.U.R.Co	Tehran Subway Lines Development Co.	Welding Inspection	1 Year	2009	VT, UT, MT	2000 Welds
10	BA.O.R.Co.	Bandarabbas Refinery	Inspection of Isomax Reactors	10 Days	2008	PA, TOFD, UT, MT, PT&FFS	V-6003A Reactor
11	SH.O.R.Co.	Shiraz Refinery	Inspection of Isomax Reactors	10 Days	1387	PA, TOFD, UT, MT, PT&FFS	Reactor with 22 m height
12	SH.P.G.M.Co.	Shazand Power Plant	Tank Floor Inspection	12 Days	2008	MFL, VB, MT, PT	Tank Floor with 45 m diameter
13	T.U.S.U.R.Co	Tehran Subway Lines Co.	Rail, Needle & Connection	1 Year	2007-8	ECT, UT	360 Km Rail and 4000 Connections
14	I.P.R.CO	Karaj Power Repairs Co.	Crack Depth Measurement	10 Days	2007	ECT, MT&UT	ALP Turbine Shaft



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15	B.P.CO	Boualisina Petrochemical & Tubi Tak Head Office	Equipment Commissioning of Heat Exchanger Tube Inspection	1 Week	2007	ECT	Equipment DECTIS
16	T.O.R.C	Tehran Refinery	Heat Exchanger	1 Day	2007	ECT	638 Tubes
17	M.P.G.M.Co.	Montazer Ghayem Power Plant	Unit No.3 Condenser & oil Cooler	10 Days	2007	ECT	10300 Tubes
18	SETES.Co	Parsi CS600 Gas Injection Station	Air Fan	14 Days	2007	RFT	1850 Tubes
19	SETES.Co	Parsi CS600 Gas Injection Station	Air Fan	45 Days	2007	RFT	4800 Tubes
20	Kh.P.Co.	Khorasan Petrochemical Plant	Heat Exchanger	12 Days	2006	ECT, RFT	2150 Tubes
21	R.P.Co.	Razi Petrochemical Plant	Heat Exchanger stripper	5 Days	2006	ECT	2400 Tubes
22	E.O.R.Co.	Esfahan Oil Distribution & Refinery Co.	Vessel	5 Days	2002	AE	Two Vessels m <sup>3</sup> with 636



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No.	Client	Plant/Shop	Subject	Duration	Year	Method	Volume
1	M.P.G.M.Co.	Montazer Ghaeh Power Plant	Condenser & Oil Cooler of Units 2	8 days	2006	ECT	11750 tubes
2	T.B.P.Co.	Tabriz Petrochemical Co.	Air Cooler	3 days	2006	RFET	245 tubes
3	L.P.G.M.Co.	Loshan Power Plant	Condenser of Units 1	10 days	2006	ECT	14650 tubes
4	T.U.S.U.R.Co	Tehran Metro (Urban &Suburban Railway Co.)	Railway Rails	Running	2003 - Now	AURT	70 km Rails
5	RAJA	Shib Shekan Shop	Passenger car Axles	Running	2003 - Now	SA UAT&MPI	20 axles per day
6	A.O.R.Co.	Abadan Oil Refinery	Heat Exchanger of Unit 60	1 day	2005	ECT	600 tubes
7	F.G.O.Co.	Kharg Falat Gharre Oil	Heat Exchangers No. 15 & 16	5 days	2005	ECT	4824 tubes
8	SG.G.R.Co.	Sarkhon & Gheshm Gas Refinery	Heat Exchanger E-401-C	5 days	2005	RFET	1170 tubes
9	L.P.G.M.Co.	Loshan Power Plant	Condenser of Units 2	10 days	2004	ECT	14650 tubes
10	SWCC	Al Kkobrar Saline Water & Power Plant	Heat Exchangers of Unit 1	10 days	2004	ECT	7000 tubes
11	S.B.C.I.Co.	Shahid Bahonar copper Industrial Complex	New Tubes	5 days	2002	ECT	7000 tubes
12	T.P.G.M.Co.	Tabriz Power Plant	Boilers of unit 1 & 2	2 × 14 days	2001 / 2002	RFET	2 × 7000 m water wall tubes
13	H.P.G.M.Co.	Hamedan Power Plants	Condensers of Unit 3 & 4	2 × 15 days	2001 / 2002	ECT	2 × 14000 tubes
14	H.P.G.M.Co.	Hamedan Power Plants	Heaters 1&2 of Unit 3	4 days	2001	ECT	2 × 1112 tubes
15	A.P.Co.	Arak Petrochemical Plant	Olefin exchanger	5 days	2001	MBECT	1000 tubes
16	R.P.Co.	Razi Petrochemical Complex	Ammonia Tank Floor	5 days	2000	SLOFEC	2000 m <sup>2</sup>
17	E.P.G.M.Co.	Esfahan Power Plant	Heater No. 5B	12 days	2000	RFET	1000 tubes
18	N.P.G.M.Co.	Neka Power Plant	Condenser of Unit 3	10 days	1999	ECT	15700 tubes

**Abbreviation**

ECT: Eddy Current Testing

RFET: Remote Field Eddy Current Testing

SLOFEC: Saturation Low Frequency Eddy Current Testing

MBECT: Magnetic Biased Eddy Current Testing

SA UAT&MPI: Semi Automatic Ultrasonic Axle Testing & Magnetic Particle Inspection

AURT: Automatic Ultrasonic Rail Testing