



U-SONIX

Inspection Solutions Pvt Ltd

**INSPECTION
THROUGH INNOVATION
& TECHNOLOGY**

An ISO 9001,14001 & 45001
Certified Organization



**Corporate
Partner**



INTRODUCTION



U-SONIX is an ISO 9001:2015 certified company established in 2005, primarily, as an “Advanced Non Destructive Testing (ANDT) center”. We are also an Olympus Approved Training center.

We are pioneers in the field of Advanced Ultrasonic Testing (AUT) and specialize in Phased Array Ultrasonic Testing (PAUT) and Time Of Flight Diffraction (TOFD). We have successfully implemented the AUT technique (PAUT & TOFD) in a number of projects, worldwide. Additionally, we provide other Advanced NDT services such as Auto UT, Corrosion Mapping, Boroscopy etc.

We provide services to the Oil, Gas, Offshore, Marine, Power, Wind energy sector, Petrochemical sector, and Nuclear sectors

In a span of 20 years, we have provided services to major clients like Shell, GE, SaudiAramco, Saipem, ONGC, Qatar Petroleum, PDO Oman, Aker Solutions, Tekfen, Reliance Industries Ltd, Worley Parson, Foster Wheeler, Alstom, RINA, Applus Velosi, Oryx, Sapurakencana, NPCIL, LTHE, Tata Power, Vedanta, NTPC, IOCL, MRPL, HPCL, BPCL etc. for many of their premier projects, worldwide.

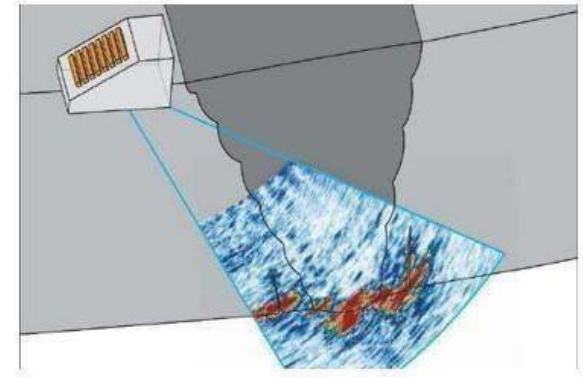
All the activities and services are carried out using sophisticated & state of art equipment, combined with latest technology available, globally, backed by a team of qualified and experienced professionals with specific focus and attention to Quality and work safety



OUR SERVICES

PHASED ARRAY ULTRASONIC TESTING

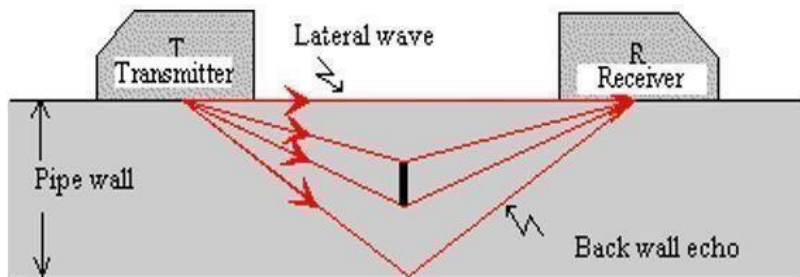
- Pressure Vessels & Heat Exchangers (CS, SS & Cladded)
- Plant Piping (CS, SS, SDSS & Cladded)
- Storage Tanks (Including 9% Nickel Alloy)
- Boiler Tubes (CS, Alloy Steels, SS)
- Structural Welds (T-K-Y joints for Offshore)
- Windmill – Tower welds, Blade & Bolt inspection
- TFM / FMC
- Plane Wave Imaging (PWI)
- High Temperature PAUT
- HTHA & HIC Inspection
- PAUT of Dissimilar Welds (Inconel)
- Turbine Blade root & Shaft inspection



OUR SERVICES

TIME OF FLIGHT DIFFRACTION

- To Inspect High Thickness Pressure Vessels
- To Inspect High Thickness Piping
- In-Service Inspection of Assets
- Flaw Growth Monitoring during Asset Life Cycle
- Ideal for Critical Applications such as Oil, Gas & Nuclear Industries

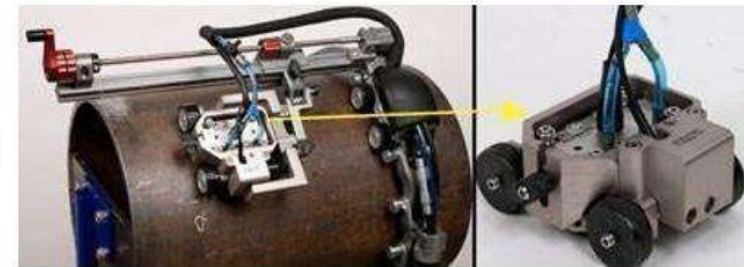


OUR SERVICES



CORROSION MAPPING SERVICES

- Using Hydroform Phased Array Immersion Technique
- Evaluate Wall Thickness Reduction
- Evaluate Corrosion, Abrasion & Erosion
- Detection of Mid Wall Damage such as Hydrogen Induced Blistering
- Detecting Laminations
- Fully Automated Corrosion Mapping using Steer Rover
- Inspection of Large Ferromagnetic Structures such as Pressure Vessels & Tanks
- Corrosion Mapping of Inaccessible Areas using Motorized Raster arm
- Scanner Control using Intuitive Touch Screen Remote Control
- In-Service Inspections of Assets



OUR SERVICES

Olympus Approved Training Partner



- ASNT Level 2 Certification Course in PAUT
- ASNT Level 2 Certification Course in ToFD
- Hydroform Corrosion Mapping Certification
- Practical Course on Industrial Scanners (SteerRover, Cobra Scanner, Chain Scanner)
- PAUT of SS/DSS/CRA/Cladded welds (Using A17, A27, A25 & A26 Probes)
- PAUT Data Interpretation Course
- Corrosion Inspection using Dual Array (DLA)
- Certification course in TFM/FMC
- Certification course in PCI (Using X3 64)
- HTHA Detection using DLA Probe (A28)
- PAUT of Boiler Tubes (CS & SS)

EQUIPMENT RESOURCES



S.No	PAUT & ToFD Equipment	Manufacturer	Qty
1	Omniscan MX/SX/MX2/X3/X4	Olympus	15
2	M2M Gekko 32:128 PR	Eddyfi	1
3*	Steer rover fully automatic scanner with weld tracker	Olympus / Jireh	2
4	Cobra, Circ-IT & SIUI Scanner	Olympus	12
5	HSMT FLEX scanner	Olympus	3
6	HSMT Compact scanner	Olympus	5
7	Chain Scanner	Olympus/Jireh/Siui	3
8	ID Scanner of SS Vessels	Aabri Security	1
9	A15 Probes with AOD wedges	Olympus	20
10	A25 Probes with AOD wedges	Olympus	3
11	A27 Probes with AOD wedges	Olympus	3
12	A26 Probes with AOD wedges	Olympus	1
13	A32,A2,A12 Probes with AOD wedges	Olympus	17
14	A10,A1,A00 Probes with AOD wedges	Olympus	4
15	PWZ1 Probes (5L60)	Olympus	5
16	All the accessories needed to perform PAUT & ToFD Combination (Splitters, PA extension cables)	Olympus	Sufficient quantity

S.No	Corrosion Mapping Equipment	Manufacturer	Qty
1	Hydro form Corrosion Mapping	Olympus	1

Conventional Equipment			
1	Magnetic Particle Inspection	Magna Flux/ Radent	3
2	MUT & UTG (Manual Ultrasonic Testing)	Olympus/GE/ Sonatest/ Modsonic	6

* - We are the only agency to have weld tracker in ASIA

EQUIPMENT RESOURCES



Sr.No	Equipment Specification	Manufacturer	Qty
1	Omni scan X4 32:128	Olympus	1
2	Omni scan X3 64:128	Olympus	1
3	Omni scan X3 32:128	Olympus	1
4	Omni scan X3 16:64PR	Olympus	2
5	Omni scan MX2 32:128PR	Olympus	1
6	Omni scan MX2 16:128	Olympus	4
7	Omni scan MX 16:128	Olympus	2
8	Omni scan SX 16:128	Olympus	2
9	M2M Gekko 32:128PR	Eddyfi	1



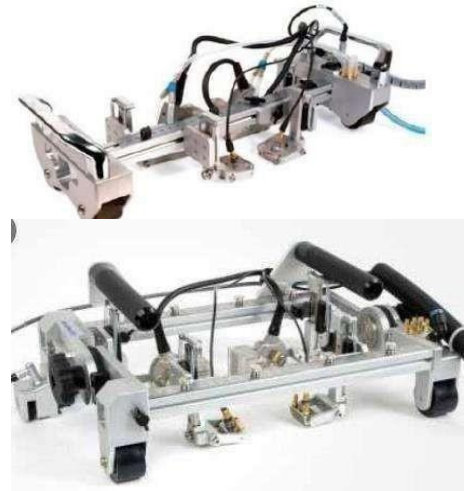
Omni scan X3/MX2/ SX



M2MGekko



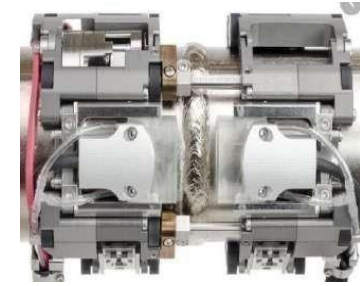
Steerover Fully automatic scanner with weld tracker



Semi Automatic Scanner



Cobra Scanner for tubes



Circ-IT scanner for tubes

PAUT & ToFD Capability



Chain Scanner for Pipe joints &
Corrosion mapping



A15 Probe with AOD
wedges



A25 (DLA) Probe With
AOD wedges



A27 (DMA) Probe with
AODwedges



A32, A12, A2 weld series
Probes with AODwedges



A00, A10 Small footprint
weld series Probe



PWZ1 weld series Probe



A26 (DLA) Probe With
AOD wedges

MANPOWER RESOURCES



Sr.No.	Manpower Resources	Number
1	PCN/ISO9712 Level 3 (PAUT/TOFD/UT)	05
2	PCN/ISO 9712 Level 2 (PAUT , TOFD, UT, MT, PT, RT)	22
3	ASNT Level III (UT, PT, MT, RT)	05
4	ASNT Level II - PAUT and TOFD technicians	20
5	Tubing Inspectors - MS5800 ECT, RFET, IRIS and MFL	12
6	Multi Skilled Conventional NDT Technicians	30
7	Welding Inspectors (CSWIP and AWS)	08
8	Plant Inspectors (API Certified)	10
9	Coating Inspectors (NACE & BGas)	10
10	IRATA Approved Rope Access Technicians - Level I, II, III	15
11	Guided Wave operators (LRUT)	06
12	Pulse Eddy Current operators (PEC)	04
13	Offshore QA/QC & NDT Inspectors with BOSIET	25
14	Site Supervisor	06

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
1	Jan 05 – May 07	Trafigura Construction, Ghana	Ghana, West Africa	3rd party inspection on behalf of Moody International during pipeline construction (18" & 36") connecting the Offshore sub sea pipelines to the onshore refinery including pigging & Hydro testing
2	May 06 – June 06	Nagarjuna Fertilizers	Kakinada(M), India	Phased Array Inspection of Plant equipment & piping
3	Sep 07 – Aug 08	Tekfen/ Foster Wheeler	Petro Rabigh Refinery, Saudi Arabia	TOFD inspection of plant piping, pipe dia's ranging from 4 to 48 inches of various thickness ranging from 7.8 to 40 mm
4	Aug 08 – Dec 09	Saipem (Saudi Aramco Project)	KCC & KUC, Khurais, Saudi Arabia	TOFD & Phased array inspection of Pipe to fittings (Flanges, reducers, Elbows etc) of various dia ranges
5	Oct 08 – Nov 08	Saipem (Saudi Aramco Project)	UBTG-4, Saudi Arabia	AUT of 156 Kms cross-country pipeline, 56 inch dia
6	Dec 09 – Jan 10	Star SAIPEM TAQA AL-RUSHID (Saudi Aramco Project)	Safaniya Project, Saudi Offshore	TOFD inspection of crown Rim Line weld point of 40" Offshore-Onshore Tie-in joints
7	Oct 09 – Dec 09	Aker Solutions	Kelang, Malaysia	Phased array inspection of Pipe risers
8	Oct 10 – Sep 11	Zamil Steel (Saudi Aramco Project)	Dammam, Saudi Arabia	TOFD & Phased array inspection of Longitudinal & Circumferential weld seams and Nozzles of various Pressure Vessels
9	Dec 11 – Mar 13	Qatar Petroleum	Qatar Offshore	Corrosion Mapping & TOFD Inspection (In service Inspection) of pressure vessels and equipments (RMS2 and Hydroform Corrosion Mapping)
10	Aug 12 – Aug 12	Worley Parson	Hong Kong	Phased Array Ultrasonic Testing of Plant Piping

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
11	Mar 13 – Apr 13	ORYX	Qatar Shutdown job	ToFD & PAUT Inspection for Shutdown job
12	May 13 – Dec 13	Zamil (Saudi Aramco Project)	Saudi Arabia	ToFD & Phased array inspection of Longitudinal & Circumferential weld seams and Nozzles of various Pressure Vessels
13	Nov 13 – Nov 13	Daleel Petroleum	Oman	Pipeline In-service Inspection of 16" pipeline at Bushra, Oman
14	Nov 13 – Dec 13	Qatar Petroleum	Qatar	Sub Sea Corrosion Mapping (P-Scan) using RMS2 and Hydroform Corrosion Mapping
15	Jan 14 – Jan 14	Applus Velosi	Oman	X-mas Tree inspection to verify for clad bonding
16	Feb 14 – Feb 14	Applus Velosi	Oman	MFL Scanning of 19 m Storage Tank
17	Mar 14 – Apr 14	Applus Velosi	Ras Gas, Qatar	ToFD & PAUT Inspection for Shutdown job
18	Apr 14 – May 14	Applus Velosi	Ras Gas, Qatar	Tubing Inspection with MS5800 Olympus (ECT, RFET, IRIS)
19	Jun 14 – July 14	Dynaquest Energy Limited	Nigeria, Port Harcourt	Corrosion Mapping on 8" Imo R1 to Imo R CS & 6" Imo R1 to Imo R1 Tie in MF At Imo Rivers Nigeria for Shell Corporation
20	Nov 14 – Dec 14	Equate Company	Kuwait	PAUT, Tubing Inspection & Boroscopy Services

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
21	Jun 14 – May 15	Sapurakencana/British Gas	Mumbai Offshore	Supply of 5 No's QA/QC Inspectors for MB Pipeline and Platform project(Subsea Pipelineand Well Platform Installation)
22	Jan 15 – Feb 15	Velosi /R-LOC & Q-Chem	Qatar	Tubing Inspections for Shutdown job
23	Aug 15 – Aug 15	Aker Solutions	Kakinada(M), India	Hydroform Corrosion mapping of Pipe Spools
24	Oct 15 – Oct 15	Spectro group	Ghanderbal, Jammu & Kashmir	Hydroform Corrosion mapping of Penstock Pipeline for Hydro Power Station
25	Oct 15 – Dec 15	RINA India Ltd/ ONGC	Mumbai Offshore	Coating & Welding Inspections
26	Oct 15 – Nov 15	RINA India Ltd / Cochin Shipyard	Cochin	Coating & Welding Inspections
27	Nov 15 – Nov 15	Applus Velosi	Qatar-GDI Rig Shutdown	ACFM Inspection at shutdown
28	Nov 15 – Dec 15	Applus Velosi	Oman	PAUT on Stainless steel Piping (Dia Ranging from 6" to 24")
29	Dec 15 – Jan 16	PITTI Engineering	Hyderabad	NDT Inspection for Barrel Casting inspection
30	Jan 16 – Jan 16	Alstom	Baroda	AUT for Turbine Rotor Inspection

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
31	Jan 16 – Mar 16	RINA India Ltd / ONGC	Mumbai Offshore	PAUT Inspection at Mumbai offshore
32	Feb 16 – Mar 16	AMOSCO	Nigeria	PAUT on Riser Bolt of 15" length and 3.5" Dia
33	Mar 16 – Apr 16	Applus Velosi / PDO	Oman	AUT inspection for Pipeline Inspection
34	Apr 16 – Apr 16	Applus Velosi / Oxy	Oman	IRATA Rope Access UT Inspections
35	Apr 16 - May 16	SGS/Exxon Mobil	Angola	PAUT & C-Scan Corrosion Mapping of Pressure Vessels & Nozzles
36	Jun 16 – Jun 16	Alstom	Baroda	AUT for Turbine Rotor Inspection
37	Aug 16 – Aug 16	British Gas	Mumbai Offshore	Hydroform Corrosion Mapping Services of Vessels & Piping
38	Sep 16 – Sep 16	Alstom	Baroda	AUT for Turbine Rotor Inspection
39	Dec 16 – Jan 17	Vestas	Gujrat, India	AUT of Wind Turbine blade
40	Jan 17 – Feb 17	Sonichar power plant	Niger	AUT inspection for Power Plant piping Inspection

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
41	Jan 17 – Jan 17	Shell India	Mumbai offshore	Cathodic Protection Survey of Offshore platforms
42	Feb 17 – Mar 17	Applus Velosi / RasGas	Qatar	Tubing Inspections with MS5800 (ECT, RFET and IRIS)
43	Feb 17 – Feb 17	Qatar Petroleum	Qatar	AUT Inspections for Pipeline Inspection
44	Mar 17 – Mar 17	Spectro Analytical Labs	India	PAUT Services
45	Apr 17 – Apr 17	Applus Velosi /RasGas	Qatar	Tubing Inspections with MS5800 (ECT, RFET and IRIS)
46	Apr 17 – Apr 17	Reliance Industries Ltd	Kakinada(M), India	Hydro form Corrosion Mapping of Pressure Vessels
47	Jan 17 – Jun 17	ISGEC/ PDO	Yamuna Nagar	PAUT Inspection of Pressure Vessels including Nozzle Joints
48	Apr 17 – May 17	Applus Velosi	Qatar	Tubing Inspections for Ras Gas Shutdown Job
49	Apr 17 – May 17	Applus Velosi	Qatar	AUT Inspection for Total Offshore Job
50	May 17 – May 17	Velosi Applus	Oman	Supply of UT Calibration Blocks

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
51	May 17 – May 17	Applus Velosi	Qatar	PAUT Inspection for Offshore job
52	Aug 17 – Sep 17	Dynaquest Energy Limited Nigeria	Nigeria	PAUT of Storage Tanks
53	Aug 17 – Aug 17	Applus Velosi	Oman	Helium Leak Testing
54	Aug 17 – Sep 17	OCA Egypt S.A.E.	Egypt	PAUT Services Of Power Plant piping
55	Oct 17 – Oct 17	Vestas Wind Technology India Pvt Ltd	Chennai	PAUT Inspection of Wind Turbine Blade
56	Nov 17 – Nov 17	TCR Advanced Engineering Pvt Ltd	Gujarat	PAUT Services
57	Dec 17 – Jan 17	Vestas Wind Technology India Pvt Ltd	Chennai	PAUT Services Of Wind Turbine Blade
58	Jan 18 – Feb 18	PDO / HI- tech Inspection Services L.L.C	Oman	PAUT Services
59	Feb 18 – Mar 18	Sievert International Inspection Co.WLL	Qatar	Hydro form corrosionmapping (Shutdown Services)
60	Mar 18 – Apr 18	Furnace Fabrica	Morocco	Conventional & PAUT inspection at phosphorus plant

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
61	Mar 18 - Apr 18	Aries Marine Co. WLL	Qatar	Conventional & PAUT inspection
62	Mar 18 - Mar 18	Qatar Petroleum /Applus Velosi	Qatar	Tubing Inspections (IRIS, ECT)
63	Mar 18 – May 18	Oil & Natural Gas Corporation Limited	Mumbai Off-shore	MUT Inspection of Offshore structures
64	Apr 18 - May 18	Oil & Natural Gas Corporation Limited / LTHE	Mumbai Off-Shore	PAUT Services of Offshore Structures & Spools
65	Apr 18 – May 18	AMOSCO	Nigeria	PAUT Services
66	May 18 – July 18	IRSA Technical Inspection & Corrosion control co.	UAE	PEC & LRUT Services
67	Jun 18 – Jul 18	Barka Power Plant/Hitech Inspection	Oman	PAUT of Power Plant Piping & Boiler Tube welds using Cobra scanner
68	July 18 – Jul 18	GE Power India	Maithon Power Limited, Jharkhand	PAUT of Boiler Tube welds Using cobra scanner
69	Aug 18 – May 19	OCP / Jacobs, Morocco	Morocco	PAUT of Small bore piping Using Cobra scanner

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



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70	Nov 18 – Nov 18	S2G Test Industrial, Morocco	Morocco	In-Suit Metallography
71	Nov 18 – Mar 19	Oil & Natural Gas Corporation Limited / Larsen & Toubro offshore/OTI	Mumbai Offshore	PAUT & MUT/MPI of offshore Jackets and Riser Spools.
72	Jan 19 – Jan 19	TCR advanced Engineering	Mumbai	Hydro form corrosion mapping services
73	Mar 19 – Mar 19	S2G Test Industrial, Morocco	Morocco	NDT training for technicians
74	Mar19 – Mar 19	GE Power India Ltd	CPP Lalkuam	PAUT of Boiler Tubes at paper mill
75	May19- Sep 19	Reliance / Sapura/ OTI	Jamnagar, India	MUT & MPI Inspection onboard S2000(offshore)
76	Nov 18- Dec 19	GE Power India Ltd	NTPC Barh, India	PAUT Inspection of Boiler Tube weld joints
77	Aug19 - Sep 19	VEDANTA LTD	Jharsaguda	PAUT Inspection of Boiler Tubes & Pipe weld joints
78	Oct 19 – Oct 19	Applus / Velosi	Oman	PAUT & TOFD Inspection of Pressure vessels

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
79	Oct 19 – Dec 20	Larsen & Toubro MFF	Hazira, Surat	PAUT & TOFD inspection of Structures & Pressure vessels
80	Oct 19 – Feb 20	Air Products/L&T	Kochi	PAUT Inspection of Boiler Tubes & Pipe weld joints
81	Jan 20 – Feb 20	Oil & Natural Gas Corporation Limited /OTI/Larsen & Toubro	Mumbai Offshore	Automatic Ultrasonic testing (AUT) of offshore pipelines Using GE weld star Equipment
82	Feb 20 – Apr 20	VESTAS	Morbi, Gujarat	In-Service Inspection using Phased Array Ultrasonic Testing (PAUT).
83	Feb 20 –Feb 20	VEDANTA	Barmer	PAUT Inspection of Cross Country Pipeline.
84	Nov19 – Sep 20	Chettinad International Coal Terminal Pvt Ltd	Ennore, Chennai	In-Service MAST Inspection using PAUT.
85	Nov 20- Jan 21	Ayoki Fabricon	Tanzania	PAUT of Boiler Tubes welds & associated piping.
86	Dec 20 – Feb-21	Larsen & Toubro Heavy Engineering	Surat	PAUT & TOFD Inspection of Heavy wall pressure vessel
87	Mar 21– Apr 21	MB POWER (GE Power)	Anuppur	Phased Array Ultrasonic Testing (PAUT) of boiler Tubes.
88	May-21 – July 21	National Power Corporation of India Ltd	Tarapur (TAPS1 & 2)	PAUT with Plain Wave Imaging technique for IGSCC

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
89	Dec 18 – Sep 21	Ayoki Fabriceon	Rwanda	PAUT of Boiler Tubes welds & associated piping.
90	Nov 20 – May 22	Siemens Gamesa Renewable Energy (Consultant : Acuren, Canada)	Bijapur	In service Inspection of Tower weld with fully automatic PAUT & ToFD
91	Aug 21 – Sep 22	IOCL/Vijay Tanks and Vessels	Barauni	PAUT & ToFD inspection of Structures & Pressure vessels
92	Jan 22 – Feb 22	VEDANTA LTD	Jharsuguda	PAUT Inspection of Boiler Tubes & Pipe weld joints
93	Feb 22 – Mar 22	Maithon Power Limited	Maithon	PAUT Inspection of Boiler Tubes & Pipe weld joints (Shutdown Project)
94	Mar 22 – Jul 22	Larsen & Toubro Modular Fabrication Facility	Surat	PAUT & TOFD Inspection of offshore jackets.
95	Jul 22 – Aug 22	Bangladesh-India Friendship Power Company Pvt Ltd	Bangladesh	PAUT Inspection of Boiler Drain Lines.
96	Aug 22 – Sep 22	Thermal Systems Hyderabad Pvt Ltd	Hyderabad	PAUT & TOFD Inspection of Boiler Parts
97	Oct 22 – Nov 22	Bina Thermal Power Plant	Bina	PAUT Inspection of Boiler Tubes
98	Oct 22 – Nov 22	Ramagundam Fertilizers and Chemicals Limited	Ramagundam	Detection of Cracks in In-Service Pipelines and Fittings
99	Sep 21 – Jun22	NTPC Limited	Ramagundam	PAUT of Boiler Tubes welds.

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



Sr.No	Period	Client	Location	Description
100	Nov 21 – Dec 22	National Power Corporation of India Ltd	(TAPS1 & 2)	PAUT and DMAUT of Reactor In-let and Out-let nozzles to safe ends and safe ends to pipe welds
101	Mar 22 – Jun 24	HPCL Rajasthan Refiner Limited/Vijay Tanks and Vessels	Barmer	TOFD/PAUT/Manual UT/MPT of Mounted Bullets
102	Aug 22 – Aug 24	NTPC Limited	Darlipalli	PAUT of Boiler Tubes
103	Sep 22 – Aug 23	Indwell Constructions Pvt Ltd (Bangladesh India Friendship Power Company Pvt Ltd)	Bangladesh	PAUT Inspection of Boiler Tubes & Piping
104	Nov 22 – Nov 24	NTPC Limited	Ramagundam	PAUT Inspection of Boiler Tubes
105	Nov 22 – Nov 24	Aravalli Power Company Private Limited (APCPL)	Haryana	PAUT Inspection of Boiler Tubes
106	Dec 22 – Jan 23	Titanium Equipment and Anode Manufacturing (TEAM)	Chennai	PAUT/ TOFD Inspection of Separator 405-V-004
107	Dec 22 – March 23	United Cooling systems (PETROFAC, PDO)	Coimbatore	PAUT Inspection of Hairpin Heat-exchangers
108	Dec 22 – Jan 25	Wheels India Private Limited	Chennai	MUT of TKY Joints and MPI
109	Jan 23 – Jan 25	NTECL	Chennai	PAUT Inspection of Boiler Tubes

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



110	Feb 23 – Apr 23	R.K.M. Powergen	Chennai	PAUT Inspection of Ship Unloader Hinge Pins
111	Feb 23 – Apr 24	The TATA Power Company Limited	Jamshedpur	PAUT Inspection of Boiler Tubes
112	Feb 23 – Feb 24	Reliance Industries Limited	Kakinada	Corrosion Mapping of Pipe Lines Using Hydroform
113	Feb 23 – Apr 23	GE Power India Limited	Vedanta, Jharsuguda	PAUT Inspection of Boiler Tubes & Pipe weld joints
114	Apr 23 – Apr 25	Mangalore Refinery and Petrochemicals Limited	Mangalore	In-Service Inspection of Reactors, Coke Drums And Furnaces Using PAUT And ToFD
115	May 23 – Nov 24	Sharp Tanks & Structurals Pvt Ltd	Barmer	PAUT & ToFD inspection of spherical tanks
116	May 23 – Dec 23	Vijay Tanks & Vessels Pvt Ltd	IOCL Plant Vadodara	PAUT & ToFD inspection of VDU Column
117	Sep 23 – Till date	NTPC Limited	Vindhyachal Super Thermal Power Station	PAUT Inspection of Boiler Tubes
118	Sep 23 – May 25	NTPC Limited	Rihand Super Thermal Power Station	PAUT Inspection of Boiler Tubes

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



119	Sep 23 – Sep 24	NTPC Limited	Meja Thermal Power Station	PAUT Inspection of Boiler Tubes
120	Sep 23 – May 25	NTPC Limited	Feroze Gandhi Unchahar Thermal Power Station	PAUT Inspection of Boiler Tubes
121	Feb 24 – Till date	PMEL ORAGADAM PVT LTD	Chennai	PAUT Inspection of Escalated Bodies
122	Mar 24 – Apr 24	GE Power India Limited	Vedanta, Jharsuguda	PAUT Inspection of Boiler Tubes & Pipe weld joints
123	Apr 24 – Oct 24	TATA Projects Limited	Jamshedpur	PAUT Inspection of Storage Tanks
124	June 24 – May 25	NTPC Limited	Kaniha Super Thermal Power Station	PAUT Inspection of Boiler Tubes
125	Oct 24 – Nov 24	Adani Power Limited	Kawai, Rajasthan	PAUT Inspection of Boiler Tubes
126	Oct 24 – Nov 24	Gujarat State Electricity Board (GSECL)	Wanakbori, Gujarat	PAUT Inspection of Boiler Tubes
127	Oct 24 – Mar 25	Yanbu Aramco Sinopec Refining Company (Yasref) Ltd	Kingdom of Saudi Arabia	PAUT Inspection of Furnace Pipe and Vessels
128	Oct 24 – Dec 24	Bureau Veritas	Qatar	PAUT Inspection of Furnace, Heat Exchanger, Vessels, Process Piping and Corrosion Mapping

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



129	Nov 24 – Dec 24	Reliance Industries Limited	Kakinada	PAUT Inspection of Pressure Vessels
130	Dec 24 – Jan 25	Talwandi Saboo Power Limited (TSPL)	Vedanta, Mansa	PAUT Inspection of Boiler Tubes
131	Dec 24 – July 25	National Power Corporation of India Ltd	Kaiga Generating Station (KGS) -3&4	PAUT Inspection of PHT system IRV line weld joints
132	Jan 25 – Feb 25	GE Power India Limited	Vedanta, Jharsuguda	PAUT Inspection of Boiler Tubes & Pipe weld joints
133	Mar 25 – Apr 25	Reliance Industries Limited	Jamnagar	PAUT Inspection of Pipe weld joints
134	Apr 25 – July 25	Hindustan Rajasthan Refinery Limited (HRRL)	Barmer	PAUT Inspection of Boiler Tubes
135	Apr 25 -May 25	Reliance Industries Limited	Bharuch	PAUT Inspection Pipe Weld Joints
136	May 25 – June 25	Mangalore Refinery and Petrochemicals Limited	Mangalore	In-Service Inspection of Reactors, Coke Drums and Furnaces Using PAUT And ToFD
137	May 25 – May 25	Nuclear Power Corporation of India Limited	Narora Atomic Power Station	PAUT Inspection of PHT system IRV line weld joints
138	June 25 – June 25	Nuclear Power Corporation of India Limited	Madras Atomic Power Station	PAUT Inspection of ISI Joints
139	July 25 – August 25	Cu-Built Renewable Energy Pvt Ltd	Adani Green Energy	PAUT Inspection of Wind Mill Towers

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



140	Aug 25 – Oct 25	NTPC Limited	Talcher, Odisha	PAUT Inspection of Boiler Tubes
141	Aug 25 – Sep 25	NTPC Limited	Lara, Chhattisgarh	PAUT Inspection of Boiler Tubes
142	Aug 25 – Till Date	Shaw Emirates Pipes Manufacturing LLC (Abu Dhabi National Oil Company)	Abu Dhabi, UAE	PAUT Inspection of Piping
143	Oct 25 – Apr 26	Larsen & Toubro Ltd (Gandhisagar Pumped Storage Project) PSP	Khemla Block, Madhya Pradesh	PAUT & UT Inspection Piping
144	Nov 25 – Nov 25	Larsen & Toubro Ltd (Module Fabrication Facility, Kattupalli) MFFK	Chennai, Tamil Nadu	PAUT & TOFD Inspection of Piping and Vessels
145	Nov 25 – Dec 25	Maithon Power Limited	Dhanbad, Jharkhand	PAUT Inspection of Boiler Tubes
146	Dec 25 – Mar 26	Caterpillar India Private Limited	Thiruvallur, Tamil Nadu	UT Inspection & MPT inspection
147	Mar 26 – June 26	Mahan Energen Limited- Adani Power	Suhira Madhya Pradesh 486886	PAUT Inspection of Boiler Tubes
148	June 26-Till date	INCOL International Contracting Co LLC (Abu Dhabi National Oil Company)	Abu Dhabi, UAE	PAUT Inspection of Piping

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



SOME OF THE APPROVED CLIENT LIST

- GE POWER
- NATIONAL THERMAL POWER CORPORATION LIMITED (NTPC)
- NATIONAL POWER CORPORATION OF INDIA LIMITED (NPCIL)
- TATA POWER
- TATA PROJECTS
- MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)
- SIEMENS GAMESA RENEWABLE ENERGY
- L&T MODULAR FABRICATION FACILITY
- L&T HYDROCARBON ENGINEERING
- L&T ENERGY HYDROCARBON (OFFSHORE DIVISION)
- VIJAY TANKS & VESSELS (VTV)
- RELIANCE INDUSTRIES LIMITED
- DAMODAR VALLEY CORPORATION (DVC)
- VESTAS
- EXXONMOBIL
- SHAPOORJI PALLONJI
- SHARP TANKS & STRUCTURALS
- CATERPILLAR

SOME MAJOR ADVANCED NDT PROJECTS DONE IN THE PAST



- **WHEELS INDIA LIMITED**
- **VEDANTA**
- **HINDUSTAN RAJASTHAN REFINERY LIMITED (HRRL)**
- **ISGEC**
- **PETROFAC**
- **SAUDI ARAMCO**
- **SHELL INDIA**
- **BRITISH GAS**
- **WORLEY PARSONS**
- **AIR PRODUCTS**
- **APPLUS VELOSI, QATAR & OMAN**
- **BV QATAR**

QUALITY POLICY



U-SONIX

Inspection Solutions Pvt Ltd
An ISO 9001 : 2015 Certified Company



U-SONIX

QUALITY POLICY

We at U-SONIX INSPECTION SERVICES PVT LTD are committed to achieve customer satisfaction

By providing quality and timely services in

- General and Specialized Non Destructive Testing.
- Non Destructive Testing Personnel Qualification and Certification
- Engineering and Risk Based Inspection
- Plant inspection

We shall achieve our goals by

- Developing highly committed, credible & trained team of employees
- Continually improving our skills through training
- Working with sophisticated equipment & upgrading technology
- Adopting safe work practice

We shall comply with all applicable statutory and regulatory requirements

We shall provide safe & health work environment

We shall continually improve the effectiveness of our quality management system

G. Anto Prabhu
Managing Director



Date :- 01/01/2018

HSE POLICY



HEALTH, SAFETY AND ENVIRONMENT (HSE) POLICY

U-Sonix is committed to implement, maintain and continually improve the HSE Management System in accordance with the requirements of ISO 14001:2004 and OHSAS 18001:2007.

We aim of achieving and demonstrating good practices in the industry for HSE by establishing suitable procedures and controls in place of our NDT services and also to meet the applicable regulatory and statutory requirements in a consistent manner. Measurable HSE objectives and targets are established at relevant functions and levels to monitor, measure and analyze at periodic intervals.

To accomplish this HSE policy, it is ensured that:

- Environmental aspects and impact, Occupation, Health and Safety hazards are identified, controlled, monitored, measured and analyzed.
- Adequate resources are available
- Training needs are identified and provided continuously
- Policy is understood by all level of employees and available to the public on request and it is reviewed at periodic intervals for its suitability
- Conductive work environment is prevailed that promotes staff work ethics and their Health & Safety
- Conducting a comprehensive audit program that benchmarks safety at management level for each physical site location and ensure the client feedback and take suitable corrective and preventive actions for the continual improvement of the HSE Management System.



Anto Prabhu
Managing Director



Date :- 01/01/2018

U-SONIX
Inspection Solutions Pvt Ltd
ISO 9001 : 2015 Certified Company



SOME PROJECT PHOTOS

CERTIFICATIONS & ACCREDITATIONS



ISO 9001:2015 Certificate



ISO 45001:2018 Certificate



ISO 14001:2015 Certificate

SOME PROJECT PHOTOS



PAUT Inspection of Piping Joints at MS SHAW, UAE (Abu Dhabi National Oil Company)

SOME PROJECT PHOTOS



Demonstration of Plain Wave Imaging technique advance PAUT inspection for the detection of IGSCC in stainless welds in the presence of NPCIL team at TAPS 1&2

SOME PROJECT PHOTOS



**In-service Inspection of windmill tower weld using ToFD & PAUT with fully automatic scanner
For Siemens Gamesa Renewable Energy (SGRE)**

SOME PROJECT PHOTOS



PAUT Inspection of Boiler Tubes at NTPC Barh

SOME PROJECT PHOTOS



PAUT Inspection of Structure & Piping joints for L&T Offshore, ONGC Mumbai

SOME PROJECT PHOTOS



PAUT & TOFD Inspection of Structure joints at L&T MFF, Hazira

SOME PROJECT PHOTOS



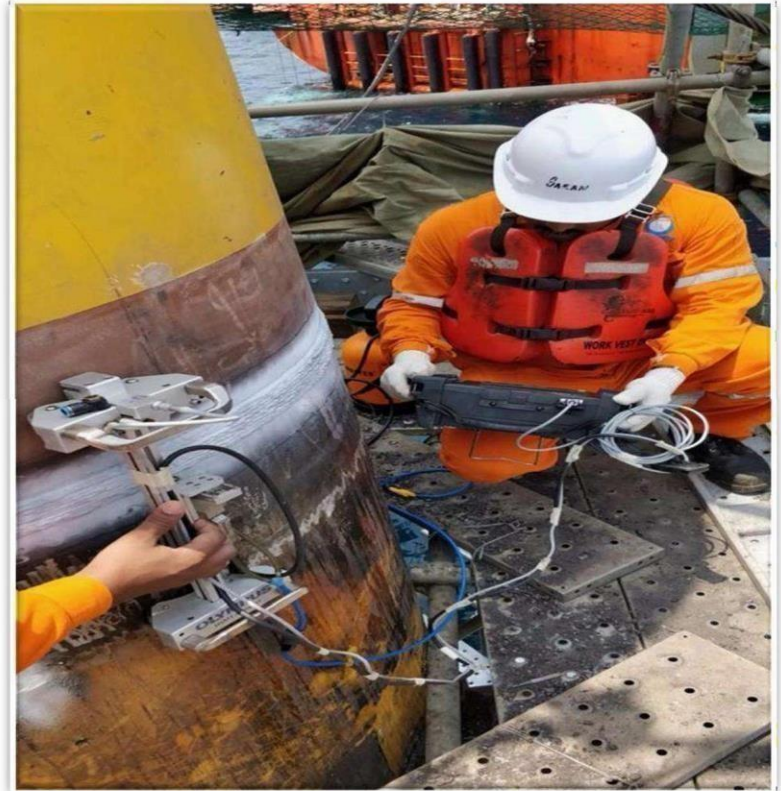
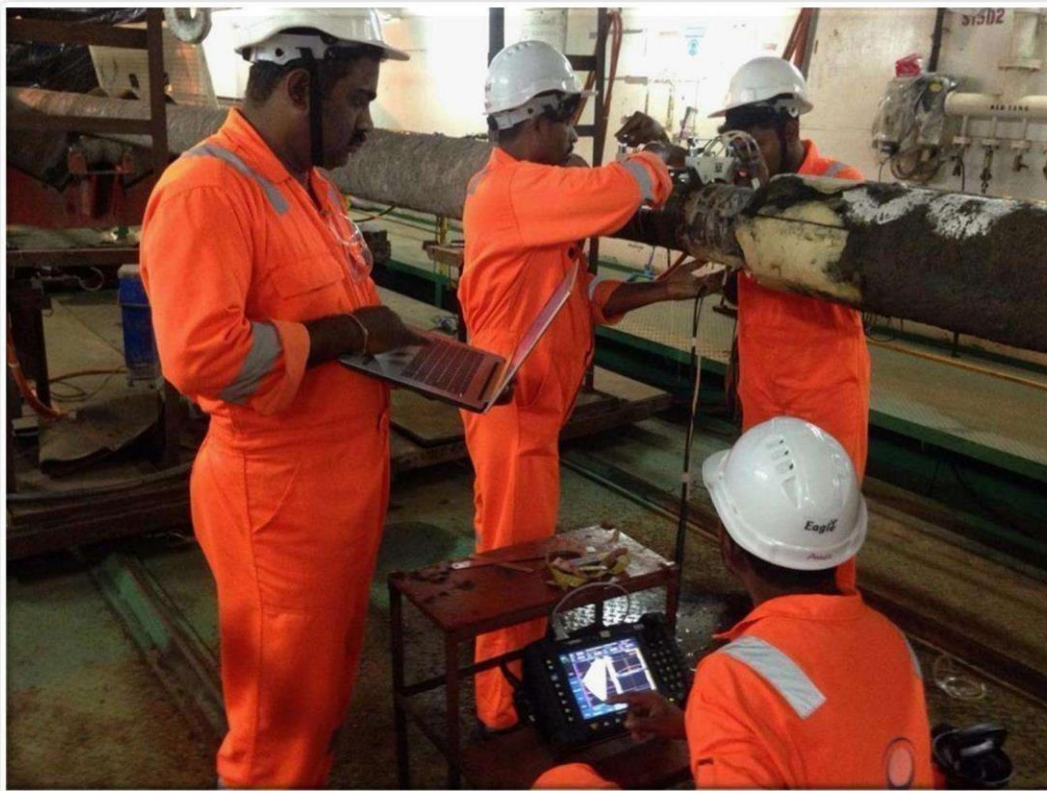
PAUT Inspection of Boiler Tubes for GE(Power) at MPL ,Jharkhand

SOME PROJECT PHOTOS



U-SONIX

Inspection Solutions Pvt Ltd
An ISO 9001 : 2015 Certified Company



PAUT Inspection of offshore platform jacket at L&T Offshore, ONGC Mumbai

SOME PROJECT PHOTOS



PAUT Inspection of Piping Joints at HQ Peat Power plant, Rwanda, Central Africa

SOME PROJECT PHOTOS



PAUT Inspection at ONGC Offshore Platform

SOME PROJECT PHOTOS



PAUT Inspection Of Pipelines for PDO Oman



SBM Installation Inspection - Ghana

SOME PROJECT PHOTOS



**PAUT Inspection of Shell
Nozzle at ISGEC Yamuna Nagar**



**Hydroform Corrosion
Mapping - Velosi Oman**



**PAUT Inspection of Spool at
Aker Solutions, India**

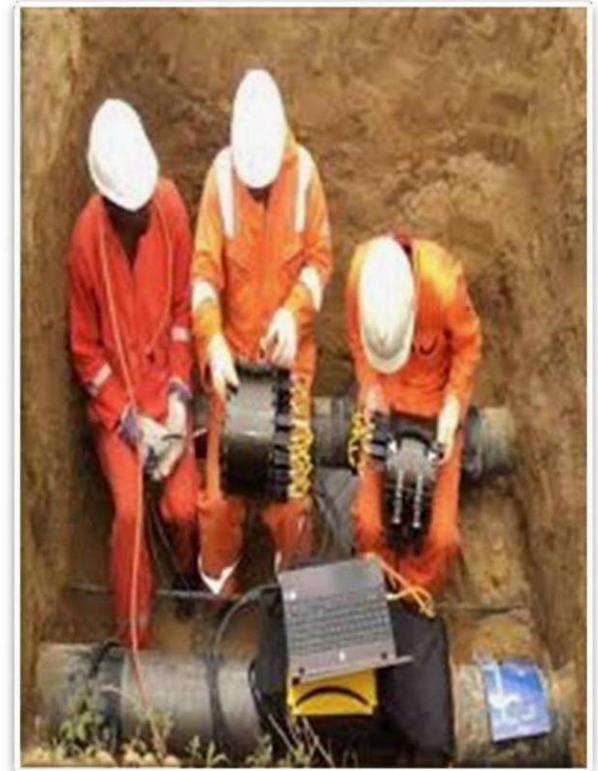
SOME PROJECT PHOTOS



Petro Rabigh, Saudi Arabia



**Project Support Services-
Ghana**



**LRUT (Guided Wave) & Hydroform
Corrosion Mapping - Shell, Nigeria**

SOME PROJECT PHOTOS



Shell India – CP Survey of Offshore Platforms

SOME PROJECT PHOTOS



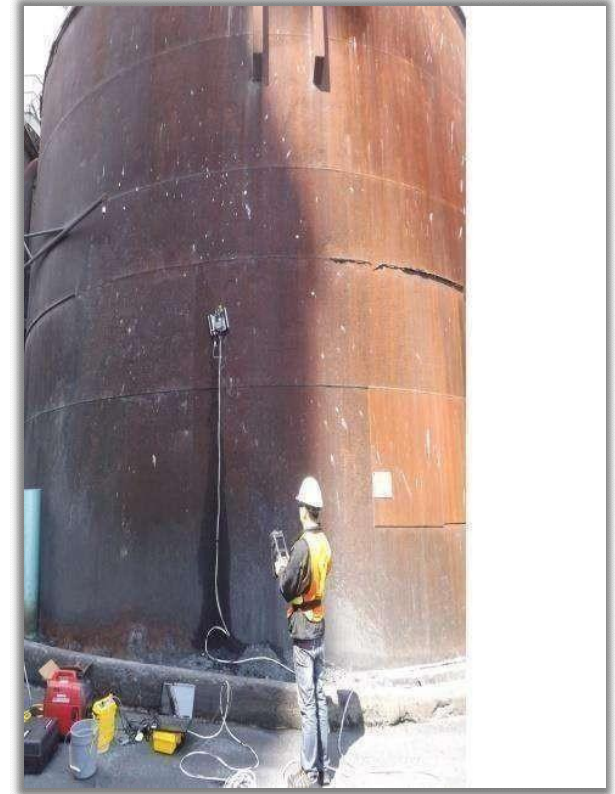
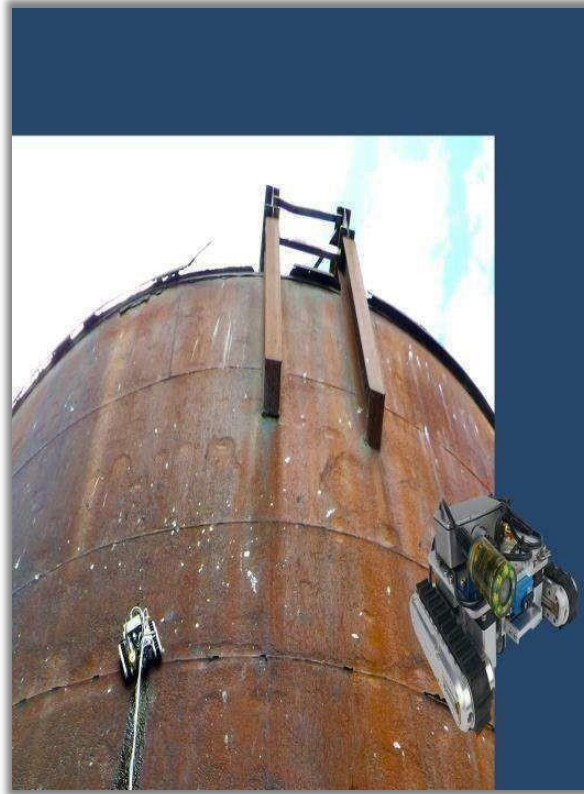
Rope Access NDT Services, OMAN

SOME PROJECT PHOTOS



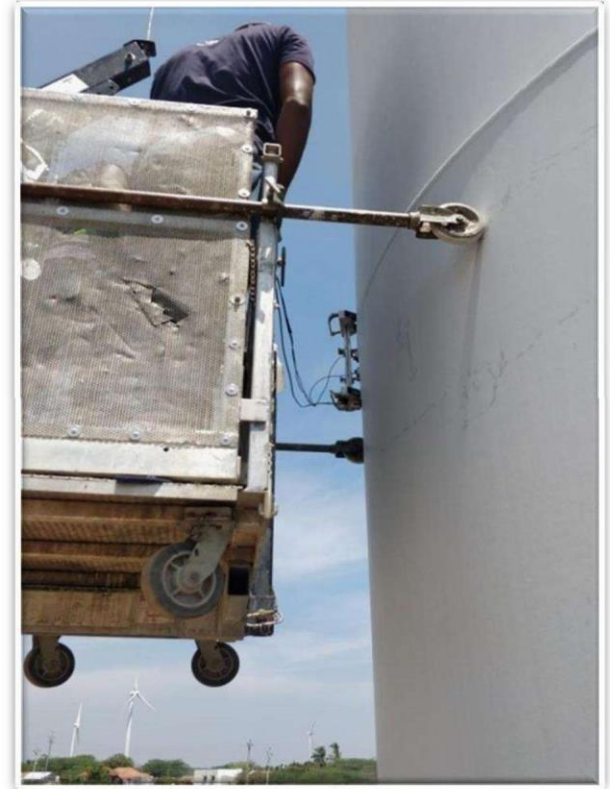
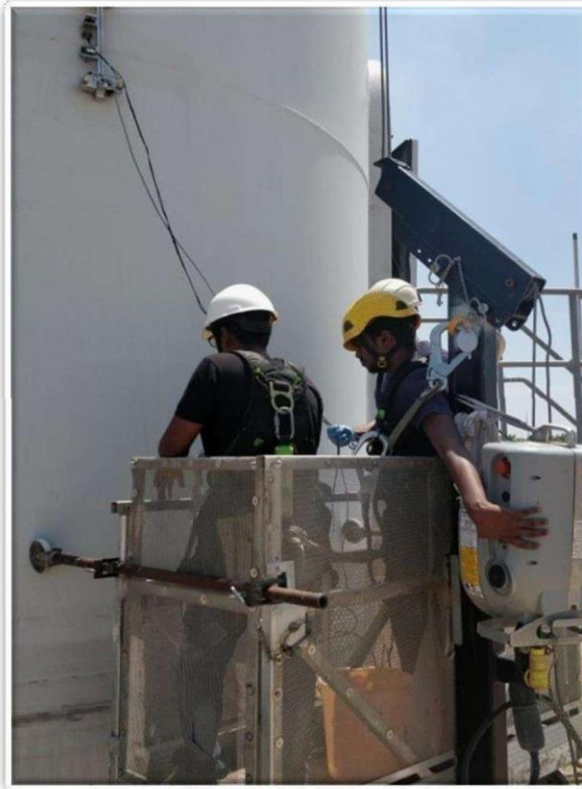
PAUT of Power Plant Piping Using Cobra Scanner at Sonichar, NIGER

SOME PROJECT PHOTOS



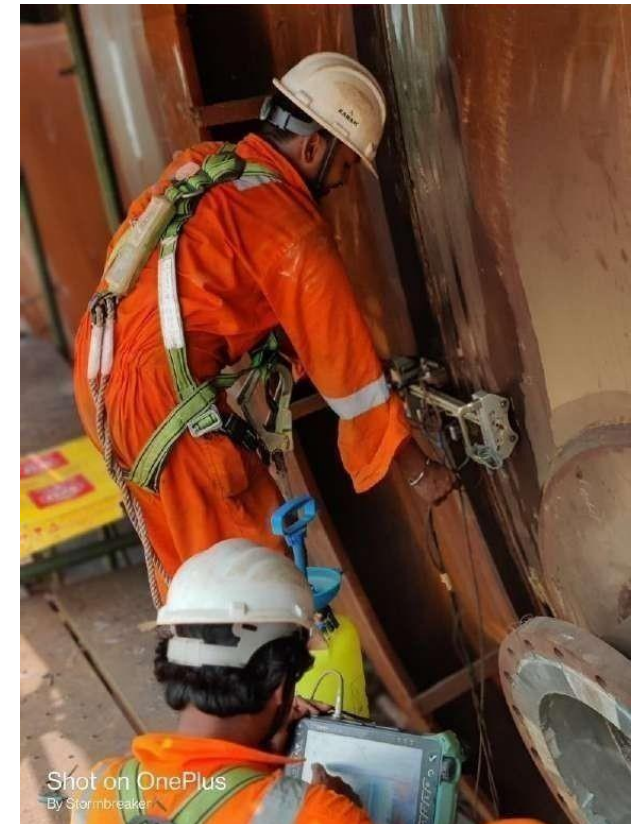
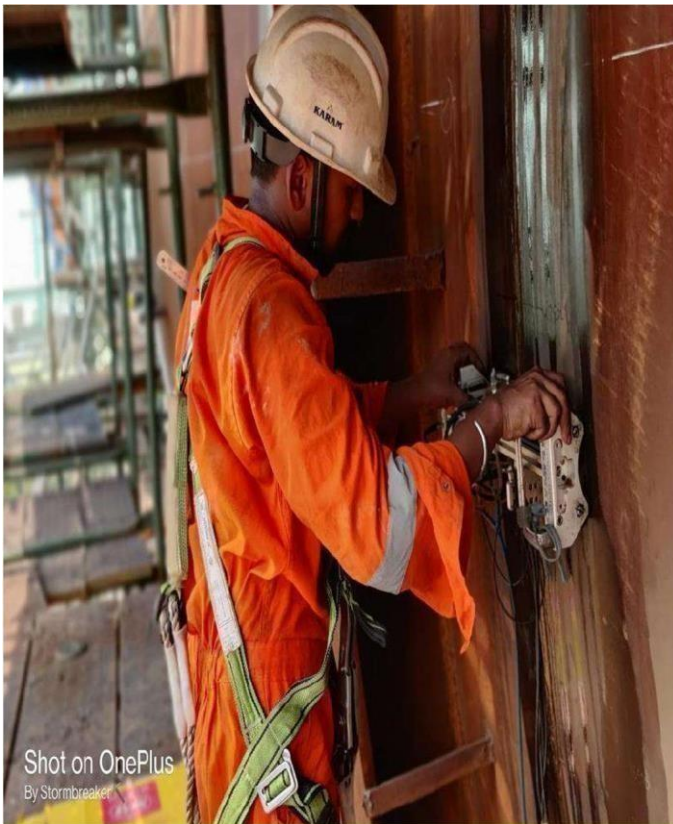
PAUT of Storage Tanks, ExxonMobil, Nigeria

SOME PROJECT PHOTOS



PAUT & TOFD Inspection, Vestas Wind Farm, India

SOME PROJECT PHOTOS



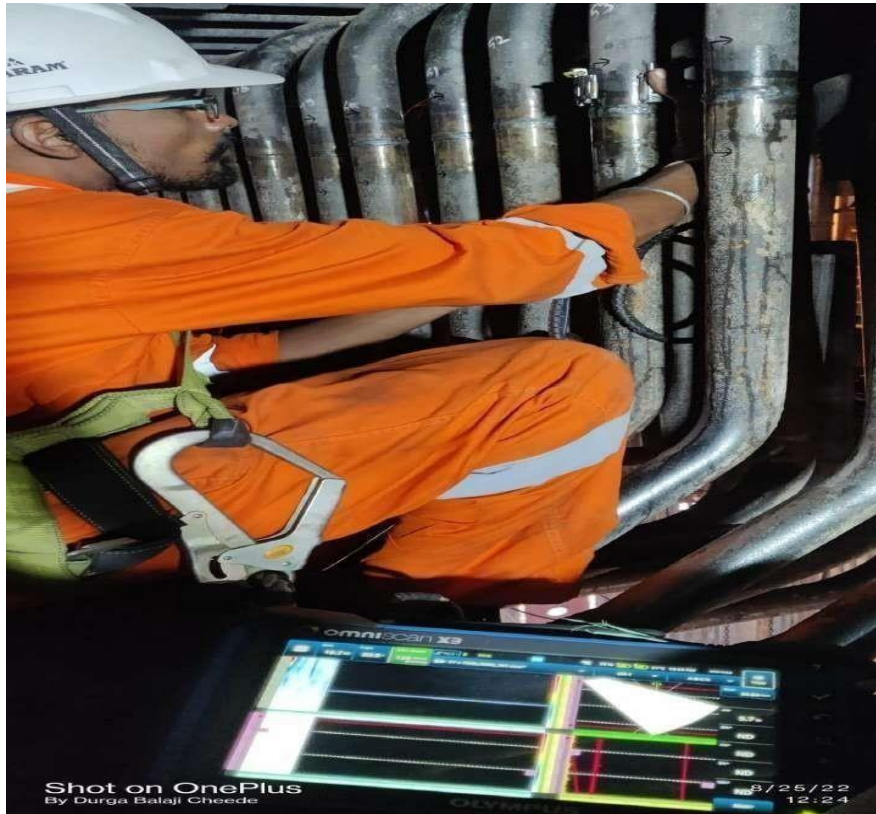
PAUT & TOFD Inspection of CDU & VDU FORLTHE at IOCL Barauni, India

SOME PROJECT PHOTOS



PAUT & TOFD Inspection of Offshore Jackets at L&T MFF, Surat, India

SOME PROJECT PHOTOS



Boiler Tube Inspection at NTPC Ramagundam, Telangana, India

SOME PROJECT PHOTOS



PAUT Demo for IGCAR at TEAM, Chennai Using Gekko on Stainless steel welds

SOME PROJECT PHOTOS



Inservice Inspection of windmill Tower Using SteerRover for SGRE in Bijapur, India

SOME PROJECT PHOTOS



PAUT Inspection of Windmill Tower using Tower supporting platform for Siemens Gamesa

SOME PROJECT PHOTOS



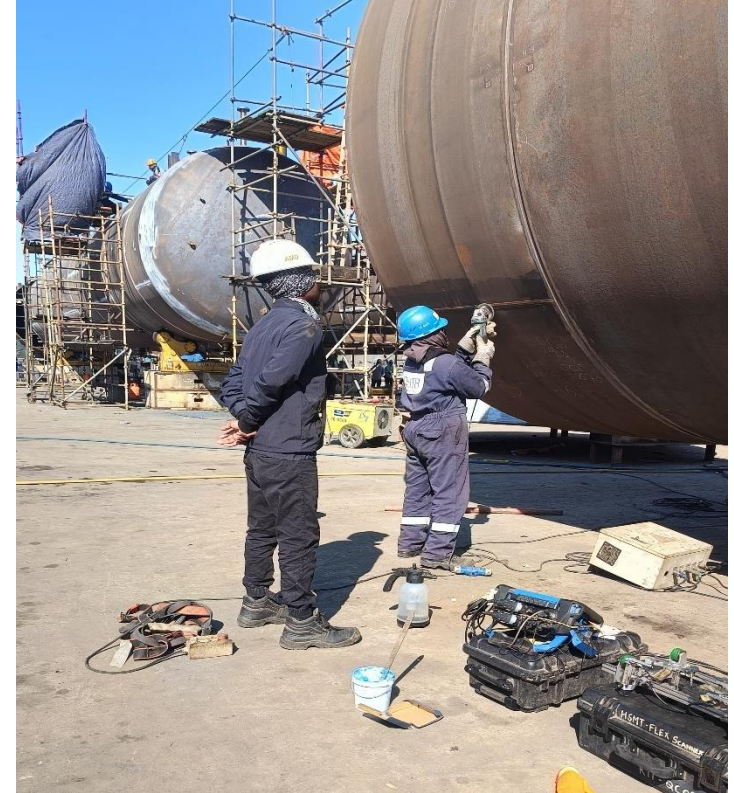
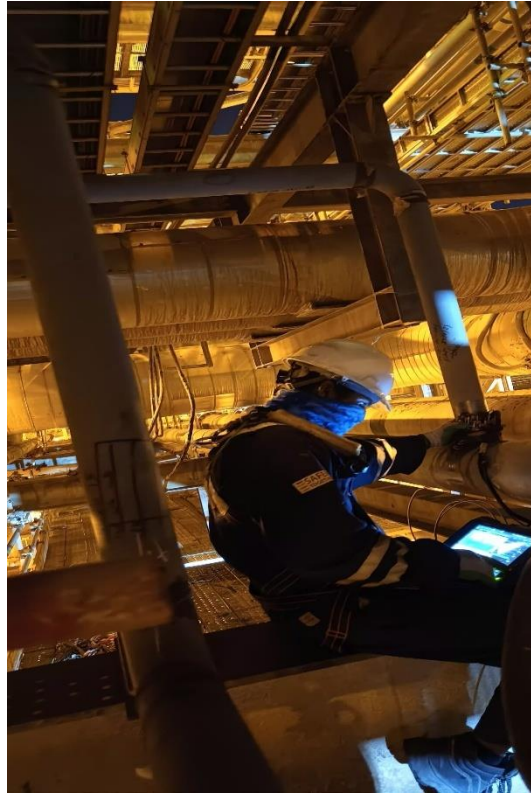
Boiler Tube Inspection at TATA Power, Jamshedpur, India

SOME PROJECT PHOTOS



PAUT/ToFD Inspection of Mounted Bullets at Vijay Tanks & Vessels, HRRL, Rajasthan, India

SOME PROJECT PHOTOS



PAUT Inspection of Furnace Pipes and Vessels at Yanbu Aramco Sinopec Refining Company (Yasref) Ltd, Kingdom of Saudi Arabia

WORK COMPLETION CERTIFICATE



THERMAL POWER
India
Regional Office
SEDA-10, 60th Floor,
Indiapolis - 751001, India
Phone : +91 9622212445
Fax : +91 9622212445
Email : info@u-sonix.com

ALSTOM

WORK COMPLETION CERTIFICATE

This is to certify that Mr. Anbarigan Manoharan and his team from M/s U-SONIX INSPECTION SOLUTIONS PVT LTD, Chennai, India has successfully completed the following Phased array ultrasonic test for B1 turbine rotors (disc web built-up portion).

1st Job Period: > 2nd Jan 2016 to 3rd Jan 2016
Location: > Guimardundi
Scope: > Phased array inspection of B1 Turbine#1 Rotor.

2nd Job Period: > 5th April 2016 to 6th April 2016
Location: > Madam workshop, GIDC, Vadodra
Scope: > Phased array inspection of B1 Turbine#2 Rotor.

The above inspection included scanning (Data acquisition), interpretation, reporting and final acceptance by GE (Legacy ALSTOM).

GE (Legacy ALSTOM) appreciates U-Sonix professionals that performed this scope of work as per GE (Legacy ALSTOM) scope of work and EHS policy.

For and on behalf of
GE (Legacy Alstom)

MURUGESAN P
Engineering/Technology Support Development
Vadodra - India

Regional Office
401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

ASLTOM/GE, India

Applus[®] VELOSI

WORK COMPLETION CERTIFICATE

This is to certify that M/s U-SONIX INSPECTION SOLUTIONS PVT LTD, Chennai, India has successfully completed the following job as per the scope of work assigned to them.

Period: > Dec 2015 to Feb 2016
Location: > PDO Oman
Scope: > Phased array Weld Inspection
Equipment Inspected: > Pipe dia's 4", 6", 8", 10", 12", 14", 16", 18", 20" and 22" pipe dia's.
Operator Name: > Ramakant, Varunkumar and Saravanan

The above inspection included scanning (Data acquisition), interpretation, reporting and final acceptance by MOC Oman.

For and on behalf of
Velosi LLC, Oman

Shalendra Singh
(Head NDT Services)

VELOSI LLC
A/PCD Bldg 201, 181 Muscat, Sultanate of Oman
T+968 24803143/24803913/24803972/24803925, C.R. 2589572
F+968 24803143, E:velosiltd@velosi.ae, www.applusvelosi.com

APPLUS VELOSI, Oman

DYNAQUEST ENERGY LIMITED
Your quest for quality service

02-12-2014

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, U-Sonix Inspection Solutions Pvt. Ltd, No-19, Kubera Nagar, 1st Street, Iyerchery Main Road, Urupakkam, Chennai-600110 has executed the work for corrosion mapping on 8" Imo R1 to Imo RCS & 6" Imo R1 to Imo R1 Tie in Mf for SHELL corporation at Nigeria, port harcourt.

U-Sonix Inspection Solutions Pvt. Ltd, has completed Corrosion Mapping in the time period from June 2014 to June 2014.

Entire job given to U-Sonix Inspection Solutions Pvt. Ltd, has been completed to the full satisfaction of Shell corporation/Dynaquest energy limited.

This certificate is been issued to U-Sonix Inspection Solutions Pvt. Ltd, on their specific request.

For and on behalf of:
DYNAQUEST ENERGY LIMITED, NIGERIA

MANAGING DIRECTOR

SHELL/DYNAQUEST, Nigeria

WORK COMPLETION CERTIFICATE



U-SONIX
Inspection Solutions Pvt Ltd
An ISO 9001 : 2015 Certified Company

Date: 23rd September 2016
PO No: 4500251535

PANNA-MUKTA FIELD
Work Completion Certificate

This certifies that M/S Global Remote Integrated Access Solutions PVT LTD have performed the PAUT C-Scan at PPA. This activity was subcontracted to M/S U-Sonix Inspection Solutions PVT LTD.

Company name : Global Remote Integrated Access Solutions PVT LTD
Site : Panna platform

Time sheet details:

	Person Name	Start Date	Finish Date	Total Days
1	Anbazhagan Manoharan	04 th Sep 16	23 rd Sep 16	20 days

Work Description:
PAUT C-Scan work at PPA platform. Measurements were taken for:
1. PF riser
2. Gas export riser
3. PPA-PA fire water line

Dy OIM

Signature
Panna Mukta Field

ISO 9001
BG Exploration and
Production India Limited
BG House, LBS Road,
Hawaband Business Park,
Power, Mumbai - 400 078
Tel: +91 22 4008 5500
Fax: +91 22 4008 5500
www.bgindia.com
Page 1 of 1

BRITISH GAS , India

VELOSI

WCC No : YQ - HT-137 Date : 30th July 2012

To whomsoever it may concern

This is to certify that M/S U-SONIX INSPECTION SOLUTION PVT. LTD, Chennai, India (formerly HI-TECH ENGINEERING INSPECTION SERVICES PVT. LTD) has successfully completed the following job as per the scope of work assigned to them. (Reference: LPO No. YQ-20262)

Period :- 4th Jan to 5th July 2012
Location :- Qatar Petroleum Offshore Platform P52
Scope :- Corrosion Mapping using Advanced Ultrasonic Immersion technique.
Total Area Inspected :- Approx 2100 M²
Operator Name :- Mr. Kalidas & Bhaskar

The above inspection included scanning (Data acquisition), interpretation, reporting and final acceptance by Qatar Petroleum.

For and on Behalf of
Velosi Certification LLC

Signature
Pandira Sudhir
Regional Manager
Middle East

velosi.com

APPLUS VELOSI, Qatar

POWER MECH
AN ISO 9001:2015 CERTIFIED COMPANY

Date: 30.09.2019

CLIENT INFORMATION:
M/S POWER MECH PROJECTS LIMITED
Address: 18 & 19B NEW VENTURA SP,
SHARADAPURAM, CHENNAI - 600 092

TEST AGENCY INFORMATION:
M/S U-SONIX INSPECTION SOLUTIONS PRIVATE LTD,
Chennai, Tamil Nadu, Chennai

PROJECT NAME:
U-04 A08 at 4 X 600 MW OF,
Vedanta Aluminium Limited, Bhadravada, Orissa
Work Order No: 6000021271 & Work Order Date: 30.07.2019

WORK COMPLETION CERTIFICATE

This is to certify that the M/S U-SONIX INSPECTION SOLUTIONS PRIVATE LTD who was assigned by us for providing PAUT services at 4 X 600 MW OF, Vedanta Aluminium Limited, Bhadravada, Orissa, has successfully completed the task within scheduled date.

The PAUT work done by M/S U-SONIX INSPECTION SOLUTIONS PRIVATE LTD has met the Client specification and requirement up to the full satisfaction.

We wish M/S U-SONIX INSPECTION SOLUTIONS PRIVATE LTD a bright future ahead.

Signature
30.09.2019

POWER MECH PROJECTS LIMITED
AN ISO 9001 : 2015 CERTIFIED COMPANY

Corporate Office: 18 & 19B NEW VENTURA SP, SHARADAPURAM, CHENNAI - 600 092
Tel: +91 44 26444444
Fax: +91 44 26444444
E-mail: info@powermech.com
Website: www.powermech.com

Vedanta power plant, Orissa

WORK COMPLETION CERTIFICATE



ISGEC **ISGEC HEAVY ENGINEERING LTD.**
Yamuna Nagar-135001 (Haryana) India
Tel. +91-1732-661299
Fax. +91-1732-250091
E-mail- ajit@isgect.com
www.isgect.com

Ref. RC/MB-37/250 23.03.2021
Ref. RC/MB-37/250 16.04.2017
Ref. RC/MB-37/250 -A- 12.11.2016

Rate Contract for PAUT Testing of JOB 2026 to 2029

M/s U-Sonix Inspection Solution Pvt. Ltd.
1-B, Block A, Commercial First Floor
GST on GST Building No 3, GST Road
Kilambakkam, Vandalur
Chennai - 600048

Dear Mr. Anto Prabhu,

U-SONIX, had provided PAUT inspection services to ISGEC Yamuna nagar in 2017 for job no 2026 to 2029 involving PAUT testing of pressure vessels / heat exchangers including nozzle inspection.

2. We hereby confirm that U-SONIX had completed this job successfully as per contract.

3. We are sending this completion certificate without any liability & obligations on ISGEC.

Thanking you,

ISGEC, Yamuna Nagar

L&T Heavy Engineering

Work completion certificate

(Reference PO number- 041016301 Dated 18 Feb 2021 & 041015513 28 Oct 2020)

This is to certify that, U-Sonix Inspection Solutions Pvt. Ltd, Chennai, has executed ToFD & PAUT inspection of Carbon Steel & Low Alloy Steel of heavy wall pressure vessels having thickness range 50-200mm and stainless steel exchangers having thickness range 19-60mm at L&T Heavy Engineering (HED), Hazira, Surat.

U-SONIX Inspection Solutions Pvt Ltd has completed the above ToFD & PAUT inspection in the time period from December 2020 to February 2021 at L&T HED.

The Work has been completed satisfactorily as per terms and conditions of the reference purchase order


M. Karthik
Manager- Central Subcontracting cell
L&T Heavy Engineering IC

L&T Heavy Engineering Division, Hazira & Hazira Contact
Surat Hazira Road, P.O. Bhatia, Surat Dist. Gujarat 394101, India
Tel. : +91 261 2260258-59 Fax : +91 261 6400797 www.ltehd.com
LIN ISO 9001, ISO 14001 & OHSAS 18001 Regd. Division

Registered Office:
L&T Hazira, N. M. Marg
Bhatia Colony
Mumbai 400 071, India

L&T Heavy Engineering, Surat

SIEMENS Gamesa

WORK COMPLETION CERTIFICATE

1. Name of the work:	Phased Array Ultrasonic Testing (PAUT) of Windmill Tower welds at Bijapur-Vyshali (SGRE)
2. W.O. No & Date	41875083 dated 20 OCT 2020
3. Name of the contractor	U-Sonix Inspection Solutions Pvt Ltd
4. Work Order value	
5. Completion Value	
6. Escalation Value, if any	NA
7. Date of start of work	13 FEB 2020
8. Actual Date of completion	29 APR 2021
9. Compensation for Delay	NA
10. Value of penalty imposed for safety, security, sub-standard works, etc. and details thereof	NA

Certified that the work has been completed satisfactory as per work order terms & conditions.


Authorize signature
Siemens Gamesa Renewable Power Pvt Ltd
Date: 20.10.2021

Siemens Gamesa Renewable Energy, Bijapur

WORK COMPLETION CERTIFICATE



U-SONIX
Inspection Solutions Pvt Ltd
An ISO 9001 : 2015 Certified Company

NPCIL, TAPS 1 & 2

Ref: TAPS/QUAL/TMS/WCC/PM/002/2021 Date: 19/06/2021

Completion/Performance Certificate

Certified that the work/contract executed by M/s U-Sonix Inspection Solutions Pvt Ltd, Chennai, (Vendor code: 100025127) address: 2A/2, Annal Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai - 600059, as per the details given below:

Sl. no.	PO ref. no. & date	Name of work/contract	Location of job/contract	PO/contract value in Rs. (lakh)	Executed value in Rs. (lakh)	Date of Commencement	Date of Completion	Status (Completed/In progress)	Performance (Satisfactory/Poor)
1	5000056914 & 17.10.2021	Phased Array UT (PAUT) for Boiler Tubes	Maithon Power Ltd., Jharkhand	NR	NR	19.02.2022	16.03.2022	Completed	Satisfactory

Signature: *[Signature]*
Name: Chandrasekhar Reddy Yarramreddy
Designation: Group Head - MMD

Registered Office: Corporate Center, 24 Bell Tower Road, Chennai 600005, Tamil Nadu, India. Tel: 044 224717222
Works: Village Dambudhi, P.O. Baridih, P.S. Nirsa, District Chhambud 828 205, Jharkhand
Tel: +91 6562 27001156 Fax: +91 6562 2700070 +91 8860279653
Corporate Identity Number (CIN): U74699JH2005PCN001720 Website Address: www.maithonpower.com

NPCIL, TAPS 1 & 2

MAITHON POWER LIMITED, JHARKHAND

Ref: MPL/4877_001 Date: 06/04/2022

Completion/Performance Certificate

Certified that the work/contract executed by M/s U-Sonix Inspection Solutions Pvt Ltd (Vendor code: 100025127) address: 2A/2, Annal Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai - 600059, as per the details given below:

Sl. no.	PO ref. no. & date	Name of work/contract	Location of job/contract	PO/contract value in Rs. (lakh)	Executed value in Rs. (lakh)	Date of Commencement	Date of Completion	Status (Completed/In progress)	Performance (Satisfactory/Poor)
1	5000056914 & 17.10.2021	Phased Array UT (PAUT) for Boiler Tubes	Maithon Power Ltd., Jharkhand	NR	NR	19.02.2022	16.03.2022	Completed	Satisfactory

Signature: *[Signature]*
Name: Chandrasekhar Reddy Yarramreddy
Designation: Group Head - MMD

Registered Office: Corporate Center, 24 Bell Tower Road, Chennai 600005, Tamil Nadu, India. Tel: 044 224717222
Works: Village Dambudhi, P.O. Baridih, P.S. Nirsa, District Chhambud 828 205, Jharkhand
Tel: +91 6562 27001156 Fax: +91 6562 2700070 +91 8860279653
Corporate Identity Number (CIN): U74699JH2005PCN001720 Website Address: www.maithonpower.com

MAITHON POWER LIMITED, JHARKHAND

Reliance Industries Limited

Ref No: WCC/KGD6/2022/001 Date: 06/04/2022

Completion/Performance Certificate

Certified that the work/contract executed by M/s U-Sonix Inspection Solutions Pvt Ltd (Vendor code: 3268555) address: 2A/2, Annal Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai - 600059, as per the details given below:

Sl. no.	PO ref. no. & date	Name of work/contract	Location of job/contract	PO/contract value in Rs. (lakh)	Executed value in Rs. (lakh)	Date of Commencement	Date of Completion	Status (Completed/In progress)	Performance (Satisfactory/Poor)
1	EG14300022 87 & 18.10.2021	Hydroform PAUT (Phased Array UT) of PG drain line	Reliance Industries Ltd, East Godavari, Andhra Pradesh			0.10.2021	12.11.2021	Completed	Satisfactory

Signature: *[Signature]*
Name: P. Rama Krishna Rao
Designation: Procurement & Contracts

Plant: Chakrapur Thermal Station, Chakrapur Village & Post, Talukamandal, East Godavari District - 523 415.
Phone: +91 884 9974 100, Fax: +91 884 9974 101
Vadapudi Office: Supplybase Complex, C-25 Tank, Plot No. 9, Road No. 6, APSEC, IDA Park, Vadapudi, Kakinada - 533 009.
Phone: +91 884 9974 100, Fax: +91 884 9974 101
Regd. Office: Maker Chambers IV, 3rd Floor, 202, Nariman Point, Mumbai - 400 025, India.
CIN: L74699JH2005PCN001720 Website: www.usonix.com

RELIANCE INDIA LIMITED, KAKINADA

WORK COMPLETION CERTIFICATE



VTV
VIJAY TANKS & VESSELS (P) LTD.
ESTD - 1988

Ref No: VTVPL/21-22/QA/QC-001 Date: 03.09.2022

Work Completion Certificate

This is to Certify that M/s U-Sonix Inspection Solutions Pvt Ltd, Address: 2A/2, Annai Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai - 600059, State -Tamil Nadu have carried out the following work for us at our IOCL Barauni Site.

Sl No	Description of work executed	Work Order No & Date	Work Start Date	Work End Date	Value (Rs in Lacs)
1	PAUT/TOFD including MUT and MUT after for PWHT Services	VTVP/032825/54898 & 28.07.2021	23.08.2021	31.08.2022	65.39
2	Magnetic Particle Inspection Services (MPI)	VTVP/03291/61001 & 02.07.2022	07.07.2022	25.08.2022	1.36

We are satisfied with the work done by M/s U-Sonix Inspection Solutions Pvt Ltd as well as their quality and workmanship.

We wish them success in their future endeavors.

For Vijay Tanks & Vessels Private Limited

QA/QC Manager
 Mr .R. Sivakumar

RCM - IOCL Barauni Site
 Mr A. Rajesh

Engineers | Fabricators | Contractors
Storage Tanks | Process Equipment

National Highway No.8, Sankarika, Vadobara - 391350, India T: 0091 265 284068/01/572 F: 0091 265 2840577 E: info@vijaytanks.com www.vijaytanks.com

VTV – IOCL, BARAUNI

SIEMENS Gamesa
RENEWABLE ENERGY

Ref No: SGRE/USI/WCC/APR/501 Date: 06/04/2022

Completion/ performance Certificate

Certified that the work/contract executed by M/s U-Sonix Inspection Solutions Pvt Ltd (Vendor code: 252425) address: 2A/2, Annai Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai - 600059, as per the details given below:

Sl. No	PO ref. no. & date	Name of work/ contract	Location of job/ contract	PO/ contract value in Rs. (lakhs)	Executed value in Rs. (lakhs)	Date of Commencement	Date of Completion	Status (Completed/ in progress)	Performance (Satisfactory / poor)
1	41875083 & 20.10.2020	PAUT (Phased Array UT/TOFD) Weld Inspection using Robotic Scan.	Biapur - Vyshali (Phase 2)	1,00,39,298.40 INR	1,00,39,298.40 INR	13.02.2020	29.04.2021	Completed	Satisfactory

The above completion/performance certificate is issued on the request of party or the purpose of submission for Vendor Registration in HPCL.

Signature

Name: P.Sundar
Designation: Senior Engineer
Service Engineering

Corporate Address: Siemens Gamesa Renewable Power Private, No 334, Futura IT Park, 8 Block, 8th Floor Old Mahabalipuram, Sholinganallur, Chennai 600119

SIEMENS GAMESA

WORK COMPLETION CERTIFICATE





मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
MANGALORE REFINERY AND PETROCHEMICALS LIMITED
उत्तमपुत्री 'अ' के अंतर्गत भारत सरकार का उद्यम, SCHEDULE 'A' GOVT. OF INDIA ENTERPRISE.
(ऑइल एण्ड नेचुरल गैस कॉर्पोरेशन लिमिटेड की शाखाएं कंपनी, A SUBSIDIARY OF OIL AND NATURAL GAS CORPORATION LIMITED)
आई.एस.ओ. 9001, 14001 एवं 50001 प्रमाणित कंपनी, AN ISO 9001, 14001 AND 50001 CERTIFIED COMPANY.
सीआईएन /CIN : L23209KA1988GOI008959 / Website : www.mrpl.co.in

PARTIAL COMPLETION CERTIFICATE

1. NAME OF CONTRACTOR

: U-SONIX INSPECTION SOLUTIONS PVT LTD

2. WORK ORDER NO

: 2200003026 dated 10/04/2023

3. DATE OF COMMENCEMENT OF WORK

: 10/04/2023

4. ORIGINAL VALUE OF CONTRACT

: INR 58,05,000/-

5. VALUE BILLED TILL 25/08/2023

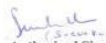
: INR 11,64,200/-

6. WORK ORDER VALID TILL

: 09/04/2025

This certificate has been issued as per the request of the vendor and not as per any contractual obligations.

For Mangalore Refinery and Petrochemicals Ltd


(S. S. S. S. S.)
Authorized Signatory

पंजीकृत कार्यालय : कुत्तेथूर पोस्ट, वाया काटिपल्ला, मंगलूर - 575 030, (भारत)
Regd. Office : Kuthethoor P.O. Via Katipalla, MANGALURU-575 030 (India).



VIJAY TANKS & VESSELS (P) LTD.

Ref No: VTV/3321/WC/01

Date:09.01.2024

Work Completion Certificate

This is to Certify that M/s U-Sonix Inspection Solutions Pvt Ltd, Address: 2A/2, Annai Complex, Club Road, Rajendran Nagar, Tambaram East, Chennai – 600059, Tamil Nadu State carried out the following work for us at our IOCL Vadodara Site.

Sl No	Description of work executed	Work Order No & Date	Work Start Date	Work End Date	Value (Rs. in Lacs)
1	PAUT / TOFD Including MUT and MUT after PWHT Services	VTVPL/03321/67625 & 06.04.2023	08.05.2023	14.12.2023	46.02 Lacs
2	Manual Ultrasonic Testing	VTVPL/03321/72798 & 23.10.2023	01.11.2023	18.12.2023	3.34 Lacs

We are satisfied with the work done by M/s U-Sonix Inspection Solutions Pvt Ltd as well as their quality and workmanship.

We wish them success in their future endeavors.

For Vijay Tanks & Vessels Private Limited


QA/QC Manager


RCM – IOCL Vadodara Site

Engineers / Fabricators / Contractors
Storage Tanks / Process Equipment
H.O. & Main Works / National Highway No. 8 Gandhinagar, Vadodra - 392018, India Ph : 9127945144 Fax : 9127945147 Email : sonix@sonix.com www.ionix.com
Special Economic Zone Lops Kankda Special Economic Zone, Plot No. 315 to 320/2 402 & 8401 Kankda, Gandhinagar - 392018 Ph : 92036-251807 Email : sonix@ionix.com

MANGALORE REFINERIES AND PETROCHEMICALS LIMITED (MRPL)

VTV – IOCL, VADODARA

SOME OF OUR MAJOR CLIENTS



أرامكو السعودية
Saudi Aramco

eni
saipem

بترو رابغ
Petro Rabigh

قطر للبترول
Qatar Petroleum

الزامل للحديد
ZAMIL STEEL

AkerSolutions™

WorleyParsons
resources & energy

OCP

أوريكس
oryx
شركة المشاريع والخدمات
Energy Projects & Services LLC

Applus⁺
VELOSI

GE ALSTOM

ExxonMobil
Energy lives here™

SOME OF OUR MAJOR CLIENTS





U-SONIX

Inspection Solutions Pvt Ltd
An ISO 9001 : 2015 Certified Company

Head office

U-Sonix Inspection Solutions Pvt Ltd,

 U-sonix Inspection solutions Pvt Ltd
2A/2 Annai complex, Rajendra Nagar
Club Road, East Tambaram.

Behind Sankara Vidhyalaya School

Chennai – 600059

 +91 98407 86687, +91 63839 92501

 admin@u-sonix.com

 www.u-sonix.com



U-SONIX

Inspection Solutions Pvt Ltd



**Corporate
Partner**

**An ISO 9001 Certified
Organization**

