

JOLU JOSE MANAGING DIRECTOR

FROM THE DESK OF MANAGING DIRECTOR

It gives me immense pleasure seeing Intway Inspection Technology & Non Destructive Testing Pvt Ltd (IITNDT Pvt Ltd) has grown to become a symbol of Progress and quality with our Specialized Services, world class training and Certifications programs for your choice.

Our extensive experience has made us the vendor of priority across a wide range of industries. The management has always invested in the development and growth of the company and our people.

It's the, Quality, value, knowledge and confidence that we put into our services, radiates as the trust our clients put in us. With our integrated management systems, and competent and committed work force, we assure quality to our customers, employees and society. We strives to keep up our image as a reliable, responsible and dependable company.







VISION

To become a Leader in the field of specialized Non Destructive Testing, Training and Certification, Heat treatment, calibration, and more; through innovation, experience and the use of latest state of the art technology.

Excel in delivering services on time, with sole aim of improvement in each step.

Performances shall never drop below Local and International Standards, Specifications, and with approved Procedures to deliver clients.

Maintain high ethics, thereby ensuring sustainability and growth to our company and the society.









The mission of Intway Inspection Technology and Non Destructive Testing Pvt Ltd. (IITNDT) is to offer professional and innovative services in the field of inspection, Non Destructive Testing, Training and certification in an independent way through a sustainable approach. IITNDT creates a measurable added value to its clients, risk management strategies. And it is our mission to provide the highest quality of customer service delivered with sense of warmth, friendliness, individual pride, and team spirit and our clients receives first class service through quality, value, knowledge and reliability.









QHSE POLICY



e, at INTWAY INSPECTION TECHNOLOGY & NON-DESTRUCTIVE TESTING PVT LTD (IITNDT PVT LTD) are committed to provide NDE, Inspection and training services in a safe, effective, and timely manner and to ensure customer requirements, legal and contractual obligations and all applicable management systems standard requirements are met.

Based on our innovative traditions, expertise and leadership, we always excel in providing cost effective technical services and solutions to our customers by delivering high quality services with the core value of preserving health and safety and optimum protection to the environment and creative application of knowledge &advanced technology in our industrial sectors. In all our jobs and projects, we always strive to achieve the following:

Complete Satisfaction to our customers within the regulations of supervising bodies and with best interest of public along with strict adherence to legal and Industry standards and best practices.





QHSE POLICY

Remain committed to innovative and expertise driven continual improvement growth, through never-ending learning for further enhancement of knowledge and competence.

Conduct all our business operations in such a way to prevent pollution, thereby protecting the community and the environment, ensuring a safe and healthy ecology for the people by implementing appropriate environments standards required by both national, international governments and organization.

Work diligently to solve environmental issues that may arise from the operations, use of our equipment, and services.

Systematically monitor measure, review and take effective action to mitigate adverse risks and impacts thereby enhance positive impacts on quality, health, safety and environment. Maintain transparency with the community and provide pertinent information to them, concerning quality, environmental impacts and relevant health and safety aspects of our business activities.

To achieve the above measurable objectives and targets, it shall be established at all pertinent functions of the company and these objectives shall be reviewed periodically along with this policy and communicated with and obtain input from employees, customers, vendor/contractors and interested parties to the EMS Management Systems.











ABOUT IITNDT



Intway Inspection Technology & Nondestructive Testing Pvt.

Ltd. (IITNDT Pvt Ltd) has been in operation since 1989 and our sister company MS INDUTECH has been operating from UAE since 2008 IITNDT & MS INDUTECH provides expertise and equipment in third party engineering inspection, non - destructive testing (NDT), quality assurance/ quality control (QA/QC) and Testing, Training and certifications IITNDT & MS INDUTECH have been specialists in inspection and testing during pipeline installation and related facilities; inclusive of onshore & offshore inspection. IITNDT applies advanced NDT techniques such as Automated Ultrasonic Testing (AUT), Phased Array Ultrasonic Testing (PAUT), customized internal crawlers (x-ray & video) in addition to conventional NDT methods, on-line calibration and Heat treatment.

IITNDT is managed by a team of professionals who have been in the inspection business (both onshore and offshore projects) in energy sector for more than 33 years. In terms of accumulated experience, its management team has more than a 33 years of experience and has worked on more than twenty five projects in India and Middle East. The cumulative experience of IITNDT workforce exceeds 40 man-years in Inspection and related activities. To ensure competitiveness, IITNDT has its own series of Pipeline Crawlers equipment for the radiographic inspection of pipelines. IITNDT has also embarked on the process of maintenance of all hardware related to AUT and components IITNDT offers experience, expertise and equipment in third party engineering, inspection, non-destructive testing, one-line calibration of PSVs and safety valves and Heat treatment of process columns pressure vessels, lent piping Etc. MS INDUTECH (UAE company) offers quality assurance / quality control of OIL FIELD TECHNICAL INSPECTION





SERVICES

ADVANCED NDT SERVICES





LASER MAPPER AUT, which our company utilizes, is the latest generation pipeline girth weld inspection system. This is an automated ultrasonic testing (AUT) solution that provides all functionalities required for the job, from setup to data archiving. Combining conventional and Phased Array ultrasonic, this advanced inspection tool provides the benefits of both techniques without compromise. LASER MAPPER unique modular design with ultrasonic electronics located on the scanner head and the simple umbilical that can be changed quickly provides huge benefits in terms of almost negligible interruption to work. IIT NDT AUT systems offer Inspection Integrity and Rapid Defect Detection through;

- Hybrid ultrasonic flexibility
- Highly versatile scanner design
- Industry-best resistant to electromagnetic interference
- Ultimate availability because of great reliability and ease of serviceability
- Reporting functions include statistical analysis, including trending, apart from regular reporting formats.



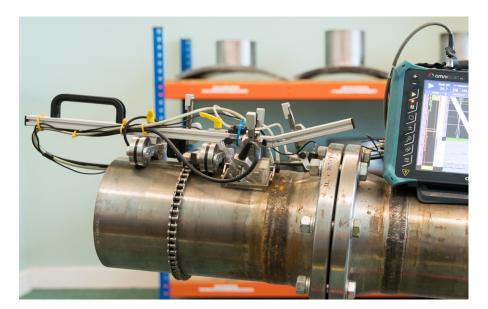












The OLYMPUS Omni Scan MX-2 with scanners and probe family includes the innovative phased array and eddy current array test units, as well as the eddy current and conventional ultrasound modules scan offers a high acquisition rate and powerful software features in a portable, modular mainframe to efficiently perform manual and automated inspections. Typical Applications;

- Girth Weld Inspection
- ◆ Pressure Vessel Weld Inspection
- Scribe Marks Inspection with No Paint Removal
- ◆ Aircraft Fuselage Inspection







CONVENTIONAL NDT



RADIOGRAPHIC TESTING (RT)

Radiographic Testing Most weldments of steel pipes in energy sector require some method of testing to determine the quality of the welding. A common method of testing is by radiographic examination. Radiographic testing aims to record images of flaws introduced into the welds. These could be process defects (e.g. porosity, lack of fusion) or service-related conditions (e.g. corrosion-cracks). Radiographic inspection is carried out utilizing radioactive sources such as Ir-192, Se-75 or Co-60 and also with X-ray irradiating apparatus. Our technicians are highly experienced not only in the use of these radioactive sources and X-Ray equipment but also take pride in holding a clean safety record on all projects undertaken.







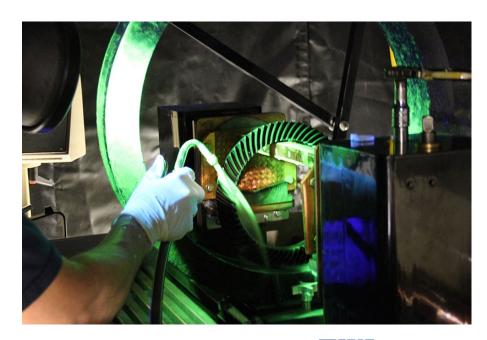




MAGNETIC PARTICLE INSPECTION (MPI)



Magnetic Particle Inspection (MPI) This technique of inspection is suitable for detecting surface and sub-surface defects. Only ferromagnetic materials can be tested with this technique. An energized yoke is used to create a magnetic field by temporarily magnetizing the component to be tested. While magnetization is going on, a magnetic medium is applied. Any imperfections or defects will create a disturbance to the magnetic field flow and a distinctive pattern will be formed at the defect location which will make it visible.







DYE PENETRANT INSPECTION (DPI)



This method of testing is suitable for detecting defects open to the surface only and on any material that is essentially nonporous. A bright colored penetrant or a fluorescent ink is sprayed on the surface of the component to be inspected. The penetrant will be drawn into any surface imperfections or cracks. After the excess penetrant is removed, a thin layer of developer is then applied. The penetrant will then be drawn out of the defects and made visible with use of visible light or ultraviolet light, as appropriate.











ULTRASONIC TESTING (UT)



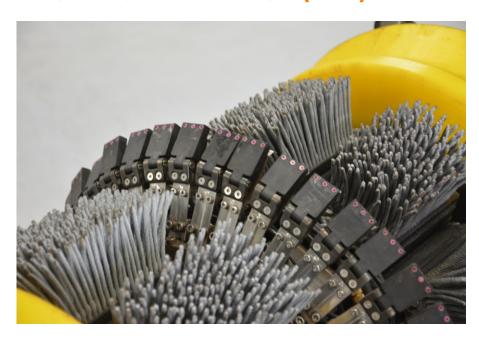
UT inspection is carried out on configurations of welds, whereby due to geometry and restricted access to either side of the area to be inspected, radiographic examination cannot be done, or where UT is known to exhibit better detection capability. An ultrasonic wave is sent into the material and the reflected wave is then analyzed. Flaws can be recognized by trained personnel on the instrument screen. Features of the flaw (like location, orientation, length, depth and height of the flaw) can then be identified and assessed. This method of inspection holds advantages of detecting defects such as lamination and fusion-related defects for which radiographic examination is known to have lower probability of detection.







MAGNETIC FLUX LEAKGE (MFL)



The basic structure of an MFL inspection is the equipment arranged with magnetic sensors and arranged as a vector in order to cover an area of Storage Tank bottom plate and pipelines. These components are situated at the bottom of the scanner. Both the yoke and sensor vector travel in tandem across the surface of a steel plate along the X-axis. The orientation of the magnetic yoke and vector of sensors are 90° to the direction of travel. Any indication is cross verified by Ultrasonic scanning.



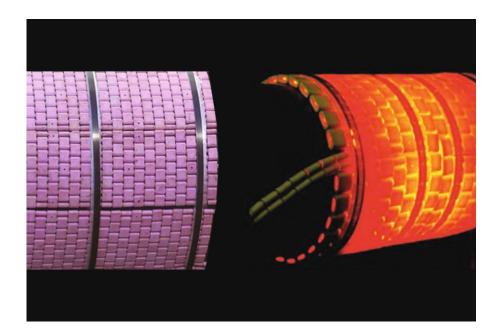




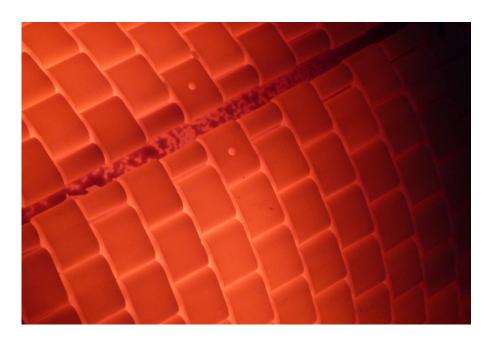




POST WELD HEAT TREATMENT



A post weld heat treatment is a process that involves elevating the temperature of a material or materials following a welding process. A post weld heat treatment is performed to alleviate residual stresses, increase the strength, increase or decrease the hardness, and reduce the risk of cracking. An array of heating processes can be used to carry out post weld heat treatment, like Induction Heating method, Resistance Heating, Furnace Method with Temporary and Permanent furnace.







OTHER SERVICES

Our company also provides other methods of inspection such as,

- Eddy Current Testing for Tube
- Remote Field Testing for Tube
- Magnetic Flux Leakage for Tube
- ♦ IRIS Ultrasound
- ◆ In-Situ Replica
- PMI
- Hardness Testing
- Ferrite Testing
- Holiday Testing
- Boroscope
- Push Camera
- Leak testing of Storage Tank bottom plates
- UT Thickness Gauging
- On line Calibration of Safety Valves
- Dial Gauges
- PSVs
- Calibration of measuring equipment

Besides testing services, we also offer third party engineering inspection, quality assurance, quality control and Training certification services.

Our range of services will in include the supply of specialist manpower ranging from engineers to multidiscipline inspectors and comprehensive programs for heat exchanger maintenance & inspection















ACCREDITED CERTIFICATIONS

- CSWIP 3.1 & 3.2 Welding Inspector & Senior Welding Inspector
- ◆ B Gas Gr. 2 & Gr. 1- Painting & Coating Inspector
- API 510 Authorized Pressure vessel inspector
- API 570 Authorized pipeline inspector
- API 653 Authorized Tank Inspector
- ASNT NDT Level III (Basic, RT, UT, MT, PT)
- Ultrasonic Testing (ASNT & ISO 9712 Level-II)
- Radiographic Testing(ASNT & ISO 9712 Level-II)
- Dye Penetrant Testing(ASNT & ISO 9712 Level-II)
- Magnetic Particle Testing(ASNT & ISO 9712 Level-II)
- Radiographic Testing Film Interpretation (ASNT & ISO 9712 Level II)
- Visual Testing (ASNT Level II)
- Phased Array Ultrasonic Testing (ASNT & ISO 9712 Level-II)
- Time of Flight Diffraction Ultrasonic testing (ASNT & ISO 9712 Level-II)
- Eddy Current Testing (ASNT & ISO 9712 Level-II)
- IBR Boiler Operator License Exam First Class & Second Class
- ♦ Boiler Attendant I & II





TRAINING AND CERTIFICATION SERVICES



ACCREDITED CERTIFICATIONS AND TRAINING PROGRAMS FOR SKILLED LABOR TECHNICIAN

- Welder
- Fitter
- HVAC Training and Certification
- Plumber Training and Certification
- Firefighting Training and Certification
- Steel Fabrication Training and Certification
- Industrial Electrical Training and Certification
- Cathodice Protection Training and Certification.
- Advance Welding Training and certification.
- Grit Blasting & Industrial Painting















ACCREDITED CERTIFICATIONS

- Welding Inspection
- Coating Inspection
- Piping and Material Study
- Mechanical Engineering Drawing
- QA/QC Professional & Documentation
- Industrial Safety Induction
- Auto CAD
- WPS/PQR preparation training
- PWHT technician training
- Radiation safety officer (RSO)
- Radiographic Film Interpretation (RTFI)
- ◆ TKY-joint UT
- Advanced NDT training
- Accredited supervisory certification
- Rigger Training and certification
- Hydro Test Engineer Training and Certification.





ACCREDITED INTERNATIONAL TRADE TESTING CENTER SERVICES



- Welding
- Blasting & Painting
- Scaffolding
- Bar bending

- Plumbing
- Steel Fabrication
- Rigger
- Electrician











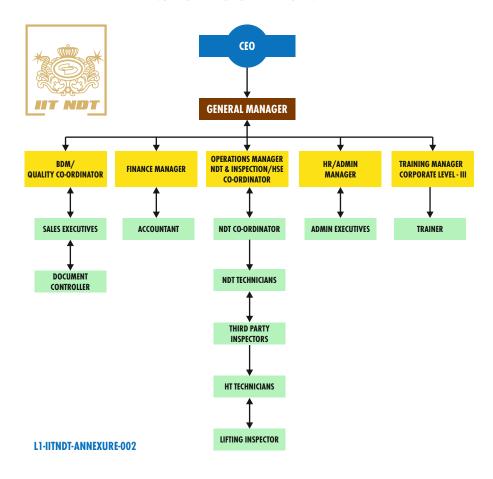




ORGANIZATION CHART



INTWAY INSPECTION TECHNOLOGY & NON DESTRUCTIVE TESTING PVT LTD CORPORATE ORGANIZATION CHART







CERTIFICATE OF INCORPORATION





GOVERNMENT OF INDIA MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that INTWAY INSPECTION TECHNOLOGY & NON DESTRUCTIVE TESTING PRIVATE LIMITED is incorporated on this Second day of January Two thousand nineteen under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U80903KL2019PTC056161.

The Permanent Account Number (PAN) of the company is AAFCI1208N

The Tax Deduction and Collection Account Number (TAN) of the company is CHNI02329F*

Given under my hand at Manesar this Second day of January Two thousand nineteen .

DS MNISTRY OF CORPORATE AFFARS 27

Digital Signature Certificate VILAS SAMBHAJI HAJARE

For and on behalf of the Jurisdictional Registrar of Companies Registrar of Companies Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on www.mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

INTWAY INSPECTION TECHNOLOGY & NON DESTRUCTIVE TESTING PRIVATE LIMITED $39/3633G, LANDMARK\ ENCLAVE-G1,, S\ A\ ROAD,$

VALANJABALAM,, ERNAKULAM, Ernakulam, Kerala, India, 682016













APPROVAL AND QUALIFICATION DOCUMENT





Udyam Registration Number : UDYAM-KL-02-0038006

Name of Enterprise	M/S INTWAY INSPECTION TECHNOLOGY & NON DESTRUCTIVE TESTING PRIVATE LIMITED						
Type of Enterprise	MICRO Major Activity Services						
Organisation Type	Private Limited Company	Social Category	General				
Date of Incorporation	02/01/1989	Date of Commencement of Production/Business	02/01/1989				

Unit(s) Details

SN	Unit Name	Flat	Building	Village/Town	Block	Road	City	Pin	State	District
1	M/S INTWAY INSPECTION TECHNOLOGY & NON DESTRUCTIVE TESTING PRIVATE LIMITED	6th floor	6th floor	valanjambalam	-	landmark enclave	cochin- 16	682016	KERALA	ERNAKULAM

Official address of Enterprise

Flat/Door/Block No.	6th floor	Name of Premises/ Building	6th floor
Village/Town	valanjambalam	Block	-
Road/Street/Lane	landmark enclave	City	cochin-16
State	KERALA	District	ERNAKULAM, Pin: 682016
Mobile	9446581749	Email:	jolu1976@gmail.com

National Industry Classification Code(S)

SNo	Nic 2 Digit	Nic 4 Digit	Nic 5 Digit	Activity	Date
1	82 - Office administrative, office support and other business support activities		82990 - Other business support service activities n.e.c.	Services	25/06/2022

DIC	ERNAKULAM
MSME-DFO	THRISSUR
Date of Udyam Registration	25/06/2022





NON-DESTRUCTIVE TESTING EQUIPMENTS



	NON-DESTRUCTIVE TESTI	NG EQUIPMEI	NTS					
	ULTRASONIC TE	STING						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT					
1	Ultrasonic Flaw Detector - DIGISCAN DS-322	9						
2	Ultrasonic Flaw Detector- SONATEST 380 M	1						
3	Ultrasonic Flaw Detector- SONATEST D-10	2	Flaw Detector - 20 No's					
4	Ultrasonic Flaw Detector -USM 35	2						
5	Ultrasonic Flaw Detector -USM 35X	6						
6	UT Accessories: Cables with connectors	45 Sets	With connectors					
7	UT Accessories: Shear Probes	20 Sets						
8	UT Accessories: Normal, TR Probes	30						
9	UT Accessories: Hot Probe	2						
10	UT Accessories: Thru Coat Probe	1						
11	UT Accessories: Calibration blocks	15	V1, V2, DAC, Step Block					
	ULTRASONIC THICKNE	SS GAUGING						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT					
1	Thickness Gauge -GE DM5E	2						
2	Thickness Gauge -OLYMPUS 45MG 1							
3	Thickness Gauge -CYGNUS 2	1						
4	Thickness Gauge- Krautkramer DMS 2C	2	D-Meter- 11 No's					
5	Thickness Gauge Model EECI	2	D-Meter- 11 No s					
6	Thickness Gauge- Dakota DM3	1						
7	Thickness Gauge- Dakota MVX	2						
	MAGNETIC PARTICL	E TESTING						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT					
1	AC Yoke	5	Electromagnetic Yoke- 14					
2	AC /DC yoke	8	No's					
3	HWDC	1	Permanent Yoke- 9 No's					
4	Permanent Magnet	9						
	RADIOGRAPHIC INS	SPECTION						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT					
1	Isotope Projector -Series 880 Delta	10						
2	Isotope Projector Dual 120	1						
3	External X-ray - Balteau	1						
4	Internal Crawler 6"- 12"- IPSI	1	Isotope Projector-11 No's					
5	Internal Crawler 12"- 60"- IPSI	3	External X ray- 1 No's					
6	Film Digitizer (Balteau)	1	Internal Crawler – 4 No's					
7	Fully Equipped Darkroom	1						
8	Densitometer	5						
	Mobile Darkroom fully Equipped	1						
9	Wieblie Barkroom rany Equipped	1	BORESCOPE INSPECTION					
9	, , , , ,	ECTION						
9 SR.NO	, , , , ,	ECTION QUANTITY	TOTAL COUNT					
	BORESCOPE INSP	1	TOTAL COUNT O2 No's					











NON-DESTRUCTIVE TESTING EQUIPMENTS



	PMI (XRF)						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	PMI-Thermo Scientific XL 2 800	1	02 N-/-				
2	PMI-Thermo Scientific XLT 898	1	02 No's				
	TANK FLOOR INSPECTION						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	Vacuum Box -20FB & 18FB	2	03 No's				
2	Vacuum Box -18 CB (Corner)	1	U3 NO S				
	COATING INSPECTION						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	Holiday Detector- (Elcometer 236)	1					
2	Holiday Detector- (Elcometer 266)	1	Holiday Detector -2 No's				
	HARDNESS TESTING						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	Hardness Tester- GE MIC 10 (UCI)	1					
2	Hardness Tester- GE Dyna MIC (LEEB)	1					
3	Hardness Tester-Equotip (LEEB)	1					
4	Hardness Tester- MH320 (LEEB)	3	09 No's				
5	Hardness Tester- Far Asia (LEEB)	1					
6	Hardness Tester- Poldi	1					
7	Hardness Tester- THL 300	1					
	FERRITE TESTING						
SR.NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	Ferrite testing equipment MF 300+	2	02 No's				

	HEAT TREATMENT EQUIPMENTS						
SR. NO	EQUIPMENTS	QUANTITY	TOTAL COUNT				
1	Heat Treatment Equipment- Globe 50Kv 6 way	10					
2	Heat Treatment Equipment -Globe 75Kv 6 way	10	Local Heat Treatment - 40 No's				
3	Heat Treatment Equipment -Mannings 6 way	10	Furnace Heat Treatment -10 No's				
4	Heat Treatment Equipment –WELDOTHERM 6 way	7	ramace near realment 10 No 3				
5	Heat Treatment Equipment -WELDOTHERM 12 way	3	Programmers - 45 No's				
6	Heat Treatment Furnace Transformer	5	Recorders - 47 No's				
7	Heat Treatment Furnace Control Panel	5	Furnace wall- 600 Sgm				
8	Heat Treatment Furnace Wall	600 SqM	Furnace wall- 600 Sqill				





LIST OF PROJECTS & CLIENTS









COCHIN SHIPYARD LTD

INDIAN COAST GUARD

GOV. DENTAL COLLEGE







IIT PALAKKAD G C D A PRESTIGE GROUP







KANNUR INTL AIRPORT LTD.

JSW-SEVERFIELD STRUCTURES

SHAPOORJI PALLONJI









LIST OF PROJECTS & CLIENTS









COCHIN MARINE ENGINEERING

V B CINEMAS

S. RAILWAY CONSUMER DEPOT













FREYSSINET MENARD

HLL INFRA TECH SERVICES

MONTE CARLO





CONTACT INFORMATION - INDIA







INTWAY

INSPECTION TECHNOLOGY & NDT PVT. LTD.

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INDIA - UAE - NEPAL

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Valanjambalam, Cochin - 16
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CONTACT INFORMATION - UAE





Our Sister Concern

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