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# GENERAL NDT SERVICES

Contact us for any General NDT Services

#### **Visual**

- 1. Visual Testing
- 2. Dye Penetrant Testing
- 3. Boroscopy

#### **Ultrasonic**

- 1.Thickness Gauging
- 2.Oxide Scale Thickness
  Gauging
- 3. Ultrasonic Flaw Detection

#### **Magnetic Inspections**

- 1.MPI yoke
- 2.MPI Prode
- 3. Mag-Demag
- 4. Gauss D-Gauss



## ADVANCED NDT SERVICES

#### **ULTRASONICS**

- 1. Phase Array Ultrasonic Testing- PAUT
- 2. Time of Flight Diffraction TOFD
- 3. Long Range Ultrasonic Testing LRUT
- 4. Corrosion Mapping: Manual







## ADVANCED NDT SERVICES

#### **ELECTROMAGNETICS**

- 1. Inspection of Heat Exchangers/ Boilers/Reactors/Reformer Tubes by:
  - a.ECT/ECA
  - b.RFT/RFA/Saturated ECT
  - c.MFL
  - d.IRIS
  - e.NFT
  - f.NFA
- 2. Eddy current Array for Surface and Welds
- 3.MFL for tank Bottom Floor
- 4.CUI by Pulsed Eddy Current

## ROBOTIC INSPECTIONS

- 1. Robotic Crawler for UTG, B-Scan C-Scan, and Weld Inspection by PAUT/TOFD.
- 2. Robotic Crawler for Reformer Tubes Inspection using Eddy Current.
- 3. Robotic Crawler for Tank Bottom Plate Inspection

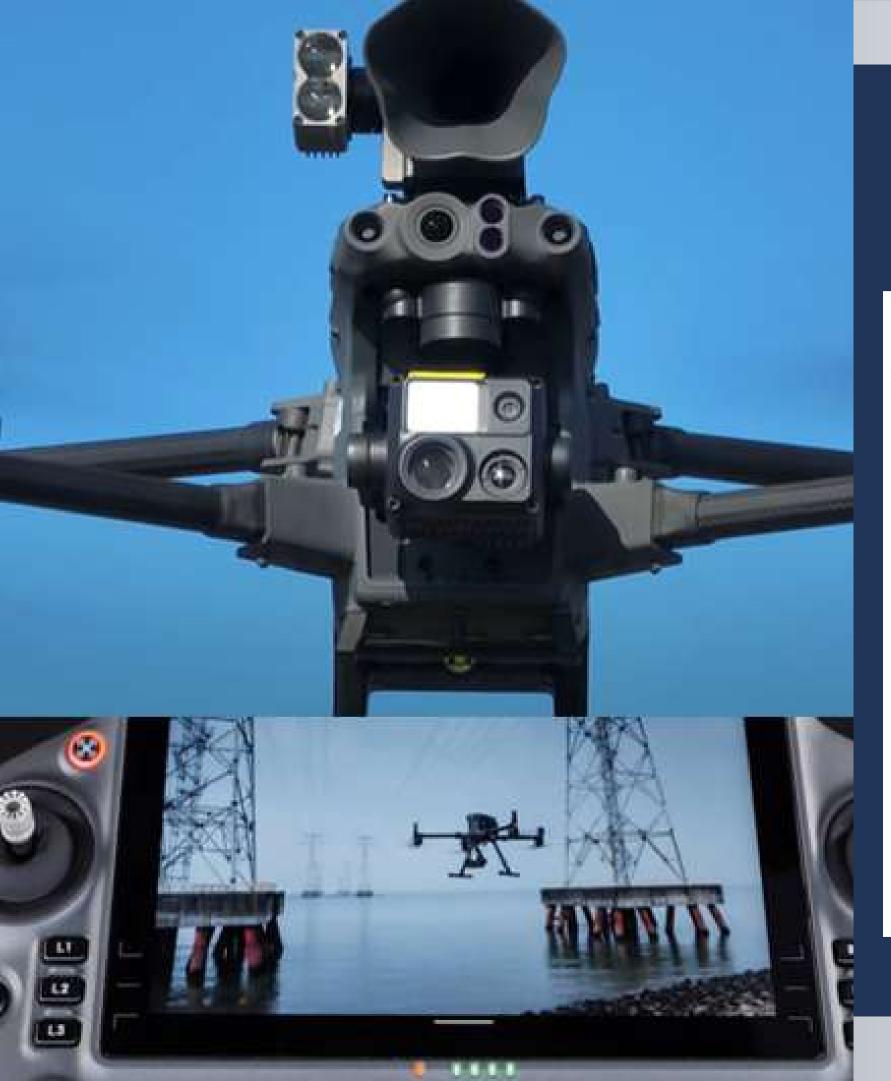


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## SPECIALIZED INSPECTIONS

- 1. Helium Leak Test
- 2. Micro- Structure Analysis
- 3. Underground Pipeline Leak Test
- 4. Inspection Using Rope Access
- 5. Tank Settlement Test
- 6.Small Bore Piping Inspection
- 7. Positive material Identification



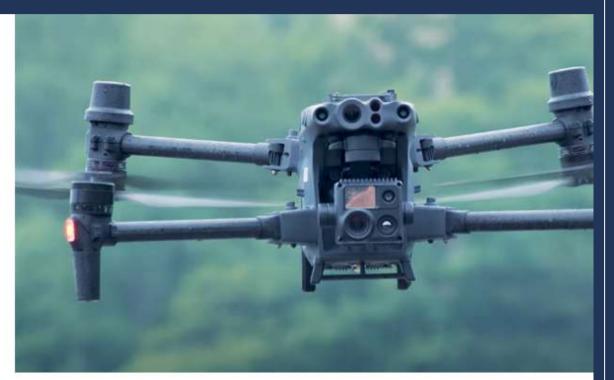


## 0000 REMOTE INSPECTION VIA DRONE

#### **AERIAL REMOTE** VISUAL INSPECTION **TECHNIQUE**

ARVI is the best and latest technique for Remote Visual Inspection using Areal Flight/ Drone. Our drone is equipped with multiple features according

to the needs and requirement for visual inspection in the Industries.



It is the latest and advanced featured Semi Medium Size drone and have multiple capabilities to full fill all major requirements of Inspection at unapproachable area.

- 41 min max flight time
- THE BEST VISUAL CAMERA
- Detectable Inspection can be done from 10 Ft to 100 Ft distance from the object.
- Range Finder will show the distance of camera and inspection object.
- Both Video and Pictures and be taken in single shot
- Can perform at night.

· Zoom 1200 Meter Range

• Equipped with Thermal camera and Thermal range cab set as per alarming requirement of any temperature.

- 15 m/s | ~33 mph wind resistance
- 23 m/s | ~51 mph max speed
- 7000m | ~23000ft service ceiling

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## CIVIL INSPECTION

- Pulse Echo Tests
- Rebound Hammer Test
- Half cell Potentiometer
- Carbonate Testing
- Rebound Hammer test
- Pile Integrity testing
- Structure Integrity Testing





## DESTRUCTIVE TESTING SERVICES

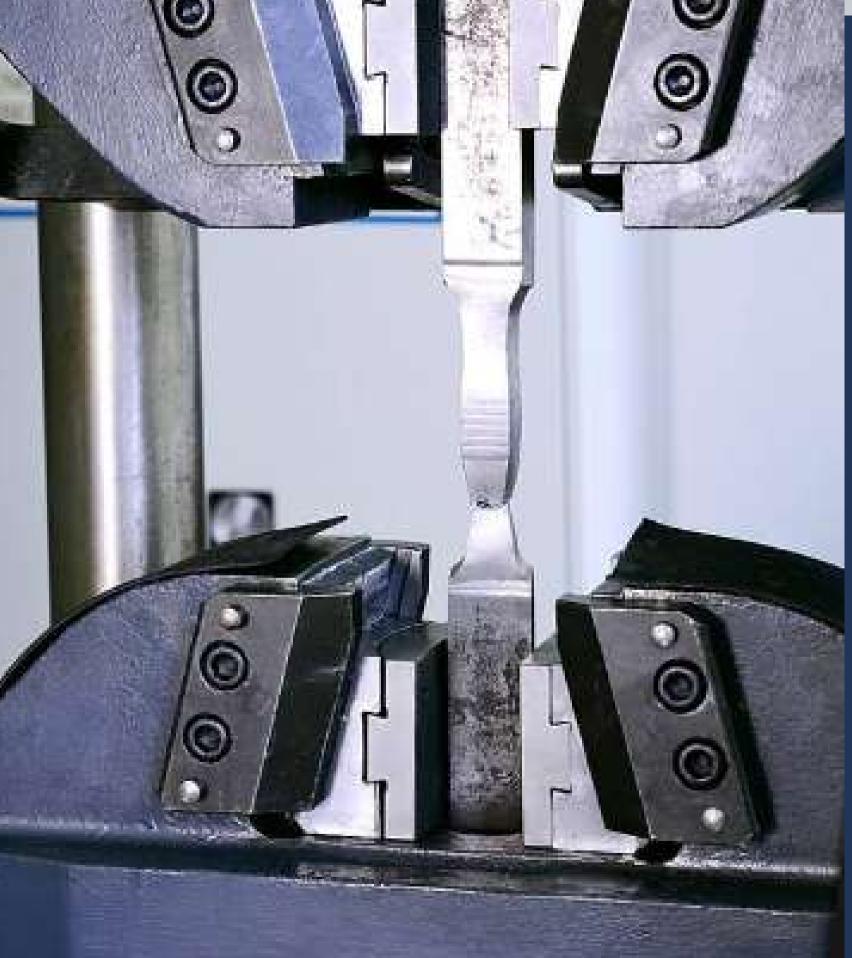
### Our Associate for DTs: APEX Assessment Labs Pvt Ltd National Accreditation Board Limited - NABL TC 6701

Our Assessments Services are available for:

- 1. Ferrous & Non-Ferrous Metals
- 2. Chemical Tests
- 3. Microstructures
- 4. Cement & Cement Products
- 5. Building Raw Materials
- 6. Bricks
- 7. Tiles/Granite/ Marble
- 8. Soil/Rock
- 9. Road Construction
- 10. Wood & Wood Products
- 11. Water
- 12.Food
- 13. Sugar Industries
- 14. Petroleum Products
- 15. Paints

For more details mail us at dt@gulachi.com





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# THANK YOU

We look forward to work with you, For more Details and technical clarifications, feel free to contact us

#### **OFFICE**



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