



CTS

CONSTRUCTION TESTING SOLUTIONS

A PHENNA GROUP COMPANY

**A to Z Guide of
CTS Services**

CTS are the UK's **go-to partner of choice** for all **Construction Materials Testing** and **Surveying** and **Pavement Investigation** and **Subsidence Investigation Services**.

Our **commitment** and **passion** for delivering **exceptional customer service**, along with our **technical knowledge** and **expertise** is what sets us apart from the rest.

Our people are the very essence of what makes us special and we are proud to have the best, highly trained technicians in the industry.

Our A-Z list of services is changing as we expand and extend our capabilities. Please get in touch to discuss any specific service or tests not shown.

Our Services – an A-Z Guide

A

- [Acid Soluble \(Total\) Sulphate Content Of Soil \(ICP\)](#)
- [ACM Testing \(Red Lab\)](#)
- [Aggregates Testing](#)
- [AGS4 Reporting](#)
- [Asbestos Testing](#)
- [Asphalt Testing](#)
- [ASR Identification](#)

B

- [Balustrate and Barrier Testing](#)
- [Barcelona Testing](#)
- [Bespoke Soil Suites](#)
- [Bituminous Testing](#)
- [Borehole Instrumentation and Installation](#)
- [Boring and Sampling](#)
- [BRE Soakaway Testing](#)
- [Bridge and Infrastructure Investigation and Testing](#)
- [Bridge Inspection](#)
- [Brownfield Soil Survey](#)
- [BS1377 Chemical Testing](#)
- [BS1881 Chloride ION Content](#)
- [BTEX](#)

C

- [California Bearing Ratio \(CBR\)](#)
- [Calibration Services](#)
- [Carbonate Content - Rapid Titration Method](#)
- [Carbonation Depth](#)
- [CAT Scanning for Metallic Services](#)
- [CCTV Camera Surveys \(Underground/Drainage\)](#)
- [Cement Content of Concrete](#)
- [Certified Confined Space and SWL Operatives](#)
- [Chalk Tests](#)
- [Classification Testing](#)
- [Commercial Shelving and Display Unit Testing](#)
- [Compaction Testing](#)
- [Concrete Testing \(Fresh and Hardened\)](#)
- [Concrete Testing \(Structural\)](#)
- [Cone Penetration Testing](#)
- [Construction Materials Testing](#)
- [Core Photography, Logging and Subsampling](#)
- [Coring Services](#)
- [Cover Meter \(Hilti Ferrosan\)](#)
- [Crack and Level Monitoring of Buildings](#)

D

- [Delamination Survey](#)
- [Detailed Visual Inspections](#)
- [Determination of Lightweight Contaminators \(Lignite/Coal\)](#)
- [Diamond Coring and Drilling](#)
- [Dimensional Calibration](#)
- [Drain Tracing](#)
- [Drainage Strategies](#)
- [Dummy Foundation / Zone Testing](#)
- [Dynamic Cone Penetrometer](#)
- [Dynamic Probing](#)

E

- [Earthworks Testing](#)
- [Electrical Calibration](#)
- [EN1744 Aggregate Chemical Testing](#)
- [Environmental Chemistry](#)

F

- [Falling Weight Deflectometer \(FWD\) Testing](#)
- [Floor Slab Investigations](#)
- [Fluxgate Magnetometer](#)
- [Force Calibration](#)
- [Full Laboratory Soil Analysis and Tree Root Identification](#)

G

- [Gas and Groundwater Monitoring](#)
- [Geotechnical Drilling and Sampling](#)
- [GPR Surveys](#)
- [Ground Investigation](#)

H

- [Half Cell Potential Survey](#)
- [Hand and Mechanical Boreholes](#)
- [Heave Assessment](#)
- [Hilti PS 1000 X-Scan](#)
- [Humidity Calibration](#)
- [Humidity Testing](#)
- [Hydraulic Test on Drains](#)
- [Hydrostatic Drain Integrity Test](#)

I

- [In Situ DCP Testing](#)
- [In-Situ Density](#)
- [Installation of Datums, Water and Gas Monitoring Well](#)
- [Installation of Monitoring Equipment and Wells](#)

L

- [Laboratory Prepared Leachate Preparation and Analysis](#)
- [Landfill Site Testing](#)
- [Load Testing](#)
- [Loss on Ignition](#)

M

- [Mass Calibration](#)
- [Mobile Laboratories](#)

- [Moisture Content Surveys](#)
- [Monolithic Tank Tests \(MFV\)](#)
- [Mortar and Screed Testing](#)
- [Monitoring Equipment Hire](#)

N

- [Non-Destructive Testing](#)
- [Nuclear Density Testing](#)

O

- [Obtaining and Liaison for Permits and Licences](#)
- [Onsite Calibration](#)
- [Organic Compounds \(PAHs, PCBs, SVOCs, VOCs, TPH-CWG and TPH-Branded\)](#)
- [Organic Matter](#)

P

- [Parallel Seismic](#)
- [Pavement Core Sampling](#)
- [Pavement Investigation Services](#)
- [Percolation and Soakaway Testing](#)
- [Permeability Testing](#)
- [pH and Conductivity](#)
- [Pile Dynamic Load Testing](#)
- [Pile Integrity Testing](#)
- [Plate Bearing Test](#)
- [Plate Load Test](#)
- [Point Load](#)
- [Post tensioned \(PTSI\) and Pre-stressed Structural Investigations](#)
- [Pressure Calibration](#)

R

- [Product Testing](#)
- [Proof Load Test](#)
- [Pull-off and Pull-out Testing](#)
- [Reinforcement Mapping](#)
- [Reinstatement Services](#)
- [Residual Flex Testing](#)
- [Resistivity Survey](#)
- [Road Core Samples](#)
- [Road Pavement Assessment](#)
- [Rock Tests](#)
- [Rolling Straight Edge](#)
- [Rotary Drilling and Coring](#)

S

- [Sample Management and Storage](#)
- [Site Investigations](#)
- [Soil and Groundwater Sampling](#)
- [Soil Density Testing](#)
- [Soil Stabilisation](#)
- [Soil Testing](#)
- [SPT and Dynamic Probe Testing](#)
- [Stabilisation Trials](#)
- [Standard Penetration Tests \(SPT\)](#)
- [Static Load Testing of Piles](#)
- [Street Works Inspections](#)
- [Structural Investigation \(Bridge/Highways\)](#)

- Structural Investigation (Fabric)
- Sub Soil Analysis
- Subsidence Investigation

T

- Tar Tests
- Temperature Calibration
- Texture Depth, Glass Bead and Sand Patch
- Thermal and Electrical Resistivity
- Topsoil Quality Analysis
- Torque Calibration
- Total and Speciated Phenols
- Total Carbon, Organic Carbon, Inorganic Carbon (Total and Dissolved)
- Transverse Straight-Edge
- Trial Pit Excavations with Logging
- Trial Pitting and Trenching
- TRL DCP-Equivalent CBR
- TRL447 Suite (WSS/ASS/TPS/OS/pH on WSS Extract)

U

- UKWIR Water Supply Pipe Assessments
- Ultrasonic Pulse Velocity
- Ultrasonic Thickness
- Utility Coring
- Utility Reinstatement Testing

V

- Visual Condition and Delamination Surveys
- Volatile Organic Compounds (VOCs and BTEX)

W

- Waste Acceptance Criteria (WAC)
- Waste Classification
- Watermain Integrity Testing
- Waters / Effluents
- Window / Windowless Drilling and Sampling
- WM3 (Waste Classification)

Our Locations



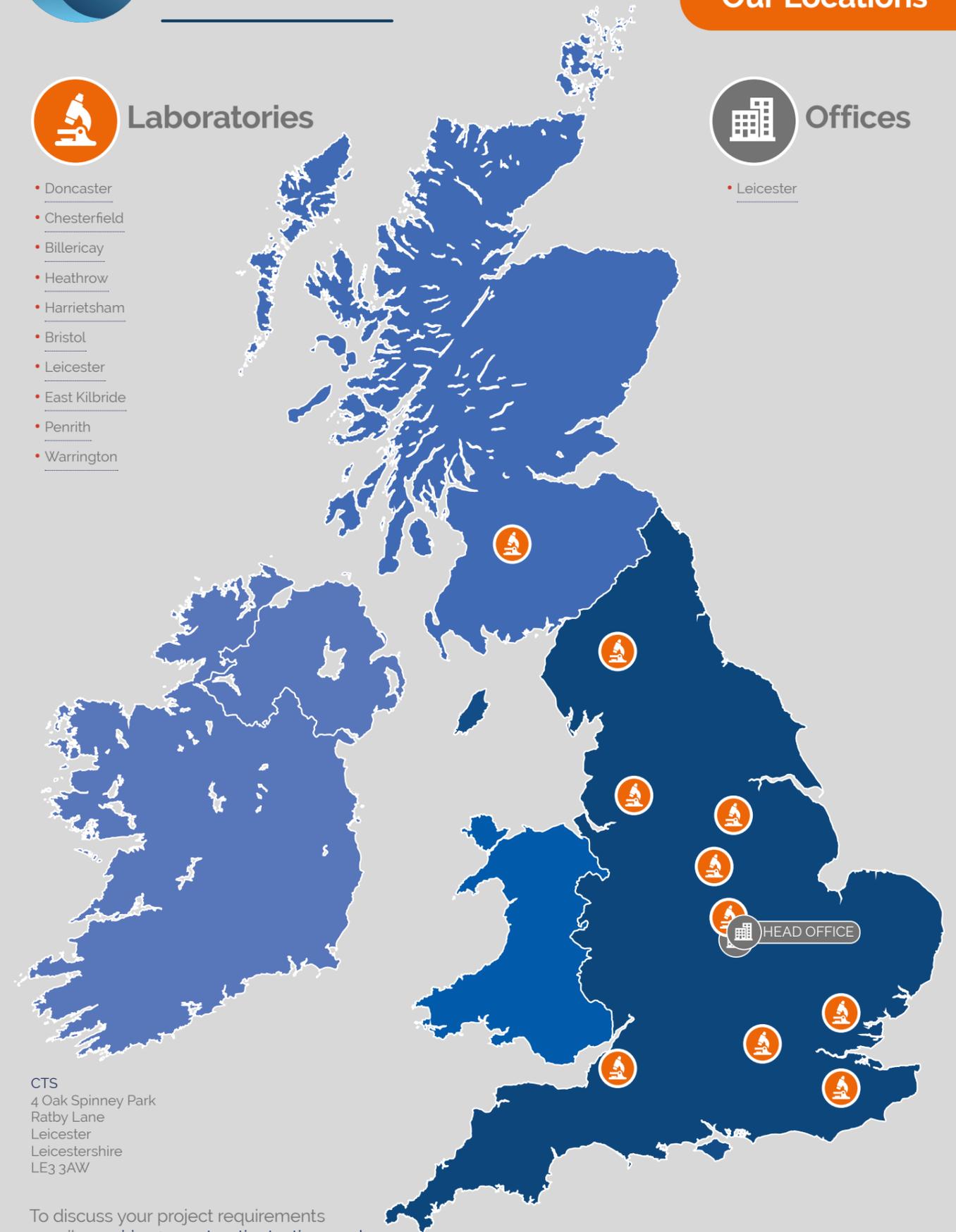
Laboratories

- Doncaster
- Chesterfield
- Billericay
- Heathrow
- Harrietsham
- Bristol
- Leicester
- East Kilbride
- Penrith
- Warrington



Offices

- Leicester



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To discuss your project requirements
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