Internal Tree Inspection Programme

At a glance…

Assessed Customised Provision

Recognised by: Lantra Awards

Prerequisites: High level industry experience, some consultancy experience, PTI preferred, keen interest in arboriculture.

Introduction

The Internal Tree Inspection Programme (ITIP) is a two-day training course designed to develop advanced skills in assessing the internal condition of trees.

Overview in brief

This Lantra-accredited Customised Award is exclusively developed and delivered by a Lantra-approved Training Provider, who meets our quality standards. The course is specifically tailored to meet learners' needs. For further details about the course content and delivery locations, please contact the Training Provider using the details below.

The minimum age to undertake this course is 18.

The Internal Tree Inspection Programme (ITIP) is a two-day training course designed to equip arboriculturists with the skills to assess the internal condition of trees using visual tree assessments, tomography and the microdrill. Developed in collaboration with industry experts, the course provides hands-on experience with diagnostic tools, enhancing risk assessment and evidence-based decision-making in tree management.

Cost: £595 + VAT

Facebook.com/LantraUK

@LantraUK

T 02476 696 996

E awards@lantra.co.uk

Lantra, Lantra House, Stoneleigh Park,

Coventry, Warwickshire, CV8 2LG

Day 1 focuses on the role of Visual Tree Assessment (VTA), introducing candidates to the use of diagnostic tools such as sonic and electrical resistance tomography. Participants engage in field exercises, research projects, and hands-on practical sessions to understand the limitations and best practices for internal tree inspection.

Day 2 builds on this foundation with a deeper dive into tomogram interpretation, microdrill measurement curve analysis, and research-based evaluation of internal tree inspection methods. The course combines theoretical learning with extensive practical sessions, ensuring candidates leave with the ability to apply these techniques effectively in real-world scenarios.

The finer details

The Internal Tree Inspection Programme (ITIP) is a two-day course combining theory, hands-on practice, and research-led learning. It covers the principles of Visual Tree Assessment (VTA), the use of diagnostic tools such as the PiCUS 3 Sonic Tomograph, PiCUS TreeTronic 3 Electrical Resistance Tomograph, the IML Resi-PD400 Microdrill, the Fractometer II including the interpretation of tomograms and measurement curves.

Day 1 focuses on VTA fundamentals, diagnostic tool demonstrations, research projects, structured field exercises and practical assessment on the PiCUS 3.

Day 2 advances into data interpretation, more research projects, and further practical sessions and assessments on the Microdrill.

Participants engage in interactive discussions, hands-on practical sessions, practical assessments, research projects and a written assessment.

The course is designed to ensure arboriculturists can confidently apply internal tree inspection techniques in professional practice.

Who should attend?

Arborists with a keen interest in trees

Arboricultural Consultants

Tree Surveyors and Tree Officers

Tree Owners/Managers with some arboricultural knowledge

Facebook.com/LantraUK

@LantraUK

T 02476 696 996

E awards@lantra.co.uk

Lantra, Lantra House, Stoneleigh Park,

Coventry, Warwickshire, CV8 2LG

What will be covered?

The Internal Tree Inspection Programme (ITIP) equips arboriculturists with the knowledge and practical skills needed to assess the internal condition of trees using industry-leading diagnostic tools.

Course Objectives:

- Understand the principles of Visual Tree Assessment (VTA) and its role in pre-inspection equipment placement
- Learn the correct setup and operation of PiCUS 3 Sonic Tomograph, PiCUS TreeTronic 3 Electrical Resistance Tomography and IML Resi-PD400 Microdrill
- Develop skills in interpreting tomograms and measurement curves to assess the internal condition of trees
- Conduct structured field assessments, integrating VTA with diagnostic technology
- Explore research-based approaches to hollowness assessment, failure criteria, and tree risk analysis

The course blends classroom learning with practical hands-on sessions and field exercises, ensuring participants leave with the confidence to apply internal tree inspection techniques professionally.