

Machinery Inspection and Certification

Case Study

Terragen

Annual Inspection and Certification of Equipment

Time Frame: Since 2013

Scope: Inspection to fulfill the Client's obligations under OSHA 2005 and satisfy insurer's requirements

Background and project description:

Terragen Ltd owns a controlling interest a 2 x 35 MW thermal power plant, which produces more than 400 GWh of electricity annually from bagasse and coal.

The project consists in inspecting, testing and witnessing tests done by others for the pressure vessels (boilers, deaerators and air receivers) as well as all the lifting devices (chain block, ratchet, overhead travelling crane, etc...) on an annual basis

Services provided:

- Visual Inspection of all equipment and assessment of their usual wear and tear.
- Witnessing of online and offline tests to certify that the equipment is safe to operate.
- Carrying offload inspections, load testing and safeties testing of lifting equipment.
- Recommendations of maintenance and repairs on various equipment
- Recommendations towards improving health and safety

