BIOSCAN LTD

CRACK DETECTION AND REPAIR SERVICES

Bioscan are specialists and leaders in the **inspection and repair** of spray dryer systems and process tanks/silos.
We provide the **most efficient and environmentally friendly** service currently available in the market.

Our Engagements

- 100% client satisfaction
- Global availability
- Reliability and effectivness

Our Experts

- Rope access specialists (IRATA)
- Qualified and competent welders

Our Quality

- Compliance with required safety standards
- ISO 9001 and Safe Contractor certified

Our Technology

Our unique **electronic technology** detects cracks in various processing equipment. The technology identifies defects and is able to assess the depth and length, including **non-visible defects** which can open up during normal operating temperatures. Thus, reducing the risk of cross contamination and the presence of bacteria in the finished product.

+35
Operational countries

2017
Operational since

+1500
Assets inspected

25
Technicians available worldwide

Our Advantages

- **Reduced downtime and increased productivity**
- **No chemicals/dyes used**
- **Detection and depth readings of cracks**
- **Adjustable platform for drying towers = no scaffolding required**
- **Welding repairs and polishing performed simultaneously**
- **Complete report with 3D crack mapping and certifications**
- **Global availability**

If you would like a quote or more information, contact us at the following address : sales@bioscanltd.co.uk

www.bioscanltd.co.uk

EHEDG MEMBER SINCE 2022

SafeContractor APPROVED

OUR METHODS

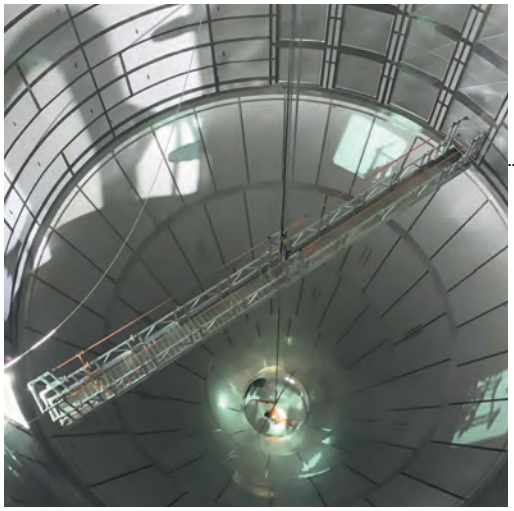
Repairs

Repair works for all cracks* detected are carried out and polished to the industry required **sanitary standards**.

We then **retest all areas** that have been repaired, to ensure that there are no more cracks present in the heat affected zones.

*If metal conditions and project time allow.

Welding repair in a cyclone



Our access gantry installed inside a 12m spray dryer chamber

Inspection with our Gantry

Our unique gantry platform is specifically designed for **access into spray dryer chambers**. It removes the need for any scaffolding and thus significantly **reduces downtimes.**

Rope inspection in a 100kL Silo

Rope access Inspection

Our **IRATA-trained rope access** technicians safely carry out inspections and repairs on difficult-to-access equipment such as bag filters, cyclones, silos, and even on **complex areas** of tanks, without the need for ladders or scaffolding.

INSPECTION TIMES*

Spray Dryer	Cyclones	Tanks/Silos	Bag Filters	Fluids Beds
12-48h	2-4h	1-4h	3-6h	1-4h

*average time depending on size

INSPECTION REPORT AND CERTIFICATION

- **3D mapping**
- **Photos before and after repair**
- **Defect details**

- **Inspection certificates provided to meet audit requiremets**

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