

Strain Gauges

Deformation and stress monitoring,
analysis and determination
of working components



Verify if the working component fulfills with pressure, temperature, velocity and fatigue parameters for which it was designed

Materials Analysis

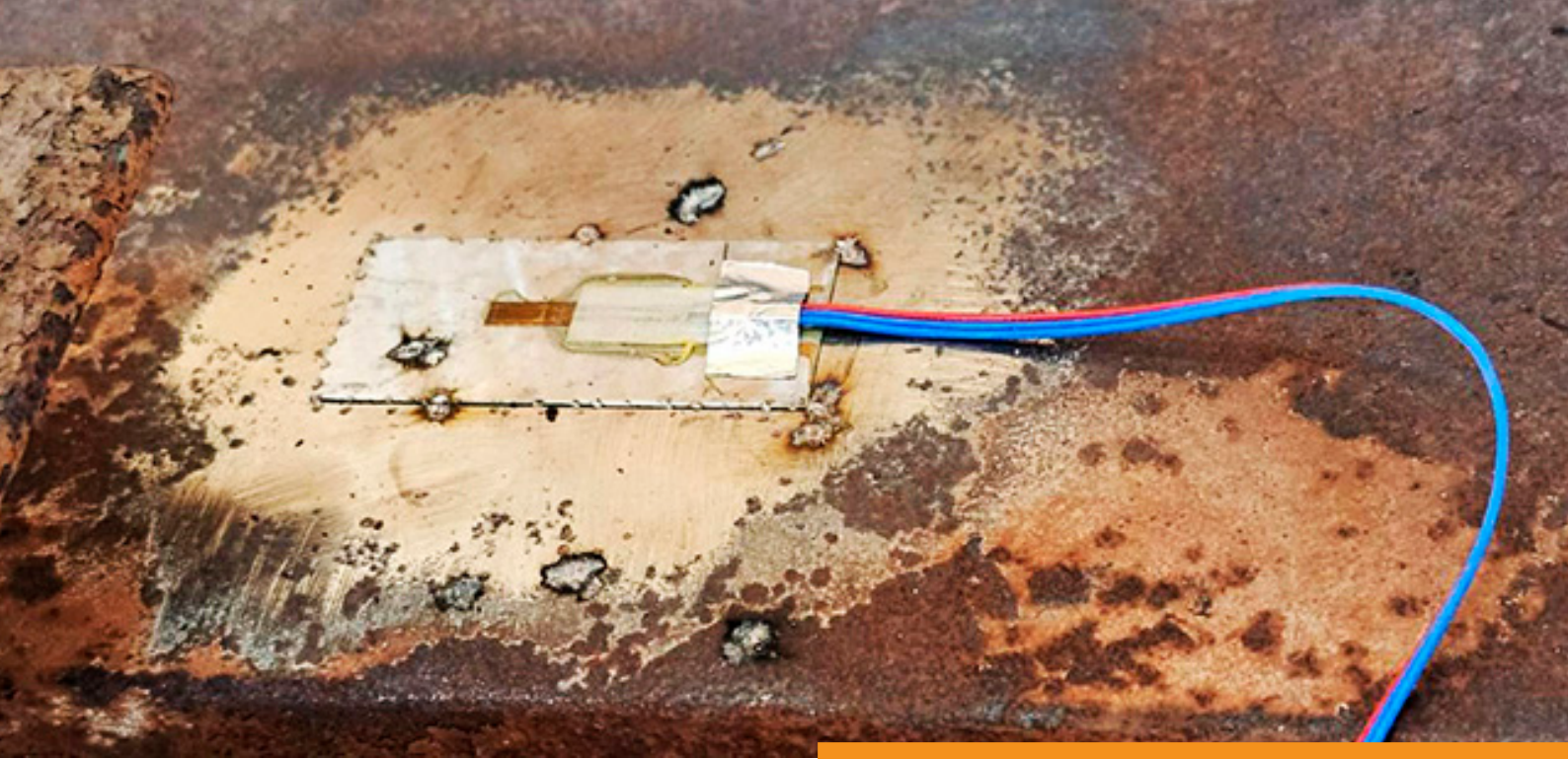
We have specialized measurement devices in metals, civil works in cement and plastic structures (polymeric).

Multiple points remote monitoring

We have an exclusive wireless multichannel technology of permanent tracking.

We do not need any cable, we analyze difficult access areas, even if they are swivel areas or facing adverse temperature conditions.





**We are the only company
in Chile that links the
stress direct
measurement,
deformations and failure
with the material analysis
through modeling by
finite elements**

The information given for our sensors in real time, allows us to make 3D simulation models in real operation stages, as the current as the potential behavior of the component.

With the obtained results in the finite elements model, it is possible to develop design and operation improvements of the monitored pieces, besides of identify a failure cause due to operation.





Materials
& Failure
Engineering

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Contact us

+1 713 592 3524

info@solcolab.com

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www.solco.cl

SolCo Lab LLC ® EIN: 37-2007214

