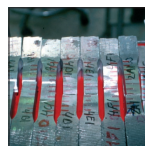
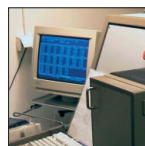
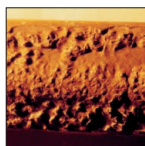
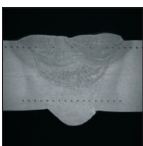


SAFE CONTROL

M A T E R I A L T E K N I K



An answer to rely on.



Safe Control Materialteknik AB is an independent laboratory, approved and accredited by SWEDAC. The laboratory originates from the production laboratory of Götaverken and has since 1920 supplied testing of great variety. From us you get reliable answers, based on many years of experience. We supply a wide range of services, keep competitive prices and have an efficient and flexible organisation. Among our customers you find material suppliers, manufacturing and welding companies, building contractors, inspection companies, shipping and processing industry.

The company consists of the production units Mechanical Testing, Chemical/Environmental Testing, Metallography and Mechanical Workshop, where all of them works according to the high expectations of quality and environmental demands.

We have a well-developed co-operation with other inspection companies. We perform material testing supervised by the classification societies as American Bureau of Shipping (ABS), Bureau Veritas (BV), Det Norske Veritas (DNV), Germanischer Lloyd (GL), Lloyd's Register (LR) and RINA.

Mechanical Testing



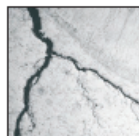
The laboratory has in its possession equipment for tensile-, bend-, pressure-, charpy V-, and hardness testing. We perform testing of base material, of mainly metallic materials. We also perform weld tests.

Chemical/Environmental Testing



Characterisation of metals and identification of alloying elements is performed by optical emission spectrophotometer and by microscopic investigation. We analyse occurrence of asbestos in different types of building materials. We also perform chemical analysis and melting process (of deposits and melts), and corrosion testing.

Metallography



We have a well equipped laboratory for metallographic investigations. We perform investigations in order to establish the cause of failure after a break-down. We have many years of experience regarding investigations of metallic materials.



We also perform replica testing and evaluation, mainly regarding creep damage.



Mechanical Workshop

Our mechanical equipment are adjusted for preparation of test samples.



Procedure-/Competence Testing

One of our activities is weld testing. The laboratory perform complete competence-, and procedure testing/investigation, in co-operation with a welding engineer. The testing disciplines are tensile-, charpy-V-, and bend testing. We also perform macroscopic- and microscopic investigation in order to inspect welded samples regarding fusion, slag inclusions, number of weld beads, grain size, penetration among others. We also perform chemical analysis of weld metal.



Testing of base metal

The laboratory perform testing of base metal towards the directives from the classification societies, for admittance of 3.1.C. - certificate.

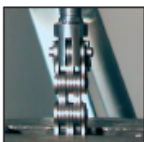


Other

The laboratory perform education adapted for each customer within metallic materials.



Other testing that should be mentioned is portable material identification (PMI), inspection of hardening depth. We also perform phase analysis (for example analysis of ferrite content in ferritic-austenitic stainless steel).



It can´t be any easier

With the services that we provide we hope to fulfil our customers varying needs. Through a close co-operation with other test laboratories/companies we see to it that you as a customer only have to have contact with one laboratory/company. It´s sufficient with one – Safe Control Materialteknik.



Welcome to contact us! We find out what you need to know.

SAFE CONTROL
M A T E R I A L T E K N I K

Tillgängligheten 1 • 417 01 Göteborg
Tel. 031 - 65 64 70 • Fax 031 - 65 64 80
info@safecontrol.se • www.safecontrol.se