

“Combination of product-specific evaluation and confirmation testing”

“Shorter turnaround times”

“Lower costs”



SGS REACH SVHC EVALUATION ANALYSIS

ACHIEVE COMPLIANCE BY SMART EVALUATION WITH QUICK TURNAROUND TIMES AND REDUCED COSTS.

Communication on REACH substances of very high concern (SVHC) is mandatory for any electrical and electronic (E&E) article marketed within the EU, if the value exceeds 0.1% m/m. However, information on SVHCs in finished articles is hard to collect. Concern in the E&E industry is rising as the list of SVHCs continues to grow, more market surveillance is conducted and legal pressures increase.

Since its creation in 2008, the SVHC list has grown and in 2013 includes some 144 substances. It is expected that this list will continue to grow, increasing pressure on the industry. The frequent inclusion of new substances on the SVHC list means testing is more complicated, expensive and time consuming. In addition, the E&E industry is struggling to obtain the most up to date SVHC information for its products.

SGS's SVHC Evaluation Analysis (SEA) programme tackles these challenges at a lower cost and with a quicker turnaround time than traditional SVHC testing.

Coupling our expertise and experience of REACH SVHC and the E&E industry, we can support you to minimise the risk of non-compliance for SVHCs with a high probability of appearing in E&E articles.

HOW DOES THE PROGRAMME SUPPORT?

Differing from existing testing approaches, our SEA programme is a product material specific statistical evaluation, based on our SVHC test data, as well as information supplied by your supply chain.

Coupling our expertise and experience of REACH SVHC and the E&E industry, we support you to minimise the risk of non-compliance for SVHCs with a high probability of appearing in E&E articles. SEA assesses the potential SVHC application and vast test database for a specific product. This allows a quick assessment and provides compliance evidence about the designated SVHC provisions of the E&E product analysed.

SEA is applicable to finished products without intended substance release, as defined in EU Directive 2011/65/EU, Annex 1, only.

WHY CHOOSE SGS?

SGS is the world's leading inspection, verification, testing and certification company. We are recognised as the global benchmark for quality and integrity. With more than 90,000 employees, we operate a network of more than 2,000 offices and laboratories around the world.

Independent and innovative, our Electrical & Electronics experts use state-of-the-art facilities and technology to deliver tailor made added value services that support improve your business.

We strive to deliver outstanding value at every step in your project by providing:

- Rapid turnaround
- Value-based pricing
- Technical assistance
- Key account management

Our expertise in compliance management will support you to make the right choices for different national markets, while carrying out the necessary testing and certification quickly and professionally.

A GLOBAL REACH WITH A LOCAL TOUCH

With a presence in nearly every single region around the globe, our experts speak the local language, understand the culture of the local market and operate globally in a consistent, reliable and cost-effective manner.

CONTACT US

To learn more about SGS's certification services please contact your local SGS representative, or contact our global team at ee.global@sgs.com

SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS SVHC SEA PROCEDURE

STEP 1 - DOCUMENT CHECK

Clients must provide the following documentation:

- Bill of Materials (BOM)
- Exploded diagram
- Agreement letter

STEP 2 - HIGH RISK COMPONENT IDENTIFICATION

High risk components are identified by our SVHC experts.

STEP 3 - HIGH RISK SVHC IDENTIFICATION

The high risk SVHCs are selected using the SGS test database.

STEP 4 - ISSUE SVHC EVALUATION STATEMENT

PRODUCTS IN THE SAME SERIES

SVHC evaluation analysis can be applied to multiple products in the same series, providing both of the following criteria are met:

- All the series' products have the same major function. For example, on a mobile phone with a camera, the phone is the major function and the camera a sub-function
- The difference between products should be less than 10%. For example, if a basic model has 50 parts the rest of the series must differ by no more than five parts

We will review any product series for clients and advise whether they can be evaluated as one product, or will require multiple assessments.

