

**SGS**

# SGS INTRON Certification

**EXPERT QUALITY ASSURANCE FOR THE CONSTRUCTION INDUSTRY**



SGS INTRON Certification is your partner for expert quality assurance in the construction industry. We specialize in product and process certification and offer inspection services for the construction industry. We can assure the quality of your building materials, processes, services and systems and make them visible to your customers.

Wherever in the world your customers and markets are located, we will ensure that you obtain the certificates you need to conduct your business. In this way we offer you the assurance you need.

## HOW SGS INTRON CERTIFICATION CAN BE OF SERVICE

SGS INTRON Certification enables you to certify products and processes in a variety of categories, including



Soil



Building materials



Roofs, facade and insulation materials



Concrete



Refrigeration technology (BRL 100 and STEK)



Sports floors



Impermeable facilities



Pressure Equipment Directive (PED)



CE marking (CPR)



KOMO certification



Other

## WE ARE READY TO HELP YOU

SGS INTRON Certification can help you to enhance your position in the market. You can count on a personal and complete approach. Our staff are professionally strong, active in expert colleges, involved in standard developments and familiar with national and international regulations and standards.

## THE SECURITY OF INDEPENDENT QUALITY

We are accredited by the Dutch Accreditation Council (RvA) (RvA registration numbers C015 resp. I213, see [www.rva.nl](http://www.rva.nl) for an up-to-date overview of accredited activities). You can rely on independent answers and results. We work in line with the SGS Code of Integrity and according to current standards and procedures. As a result, we can guarantee you the best possible solution with the highest achievable quality and reliability.

## THE LABORATORY OF SGS INTRON

Sister company SGS INTRON B.V. has a modern, accredited laboratory (registration number L017) in which we can test your products to identify product characteristics for regulatory review and/or application requirements.

## PART OF A GLOBAL ORGANIZATION

SGS INTRON Certification is part of SGS: A world leader in inspection, verification, testing and certification. SGS is known as the global benchmark for quality and integrity. SGS has a global network of approximately 2,600 offices and laboratories with over 94,000 employees.



## AN OVERVIEW OF OUR SERVICES

Below you will find an overview of our services and capabilities. However, you can also contact us with other questions or problems. We are here to help you.



## CONCRETE

Do you produce building materials such as cement, concrete or aggregates? Then CSC certification, launched in 2017, is sure to add value to you, as it is the first global mark that demonstrates responsible production methods for cement, concrete and aggregates. This helps your customers understand the extent to which you produce responsibly, meet the latest sustainable concrete standards and increase your chances of contracting (certification provides credits for BREEAM). SGS INTRON Certification, as co-founder of the Concrete Sustainability Council (CSC) and the applied certification system, is your ideal partner.

## ROOFS, FACADES AND INSULATION MATERIALS

As a manufacturer of insulation materials, roofing materials, façade panels or mounting systems, you need to ensure that your products comply with national and international regulations and guidelines. Our product certification, with comprehensive product and system testing and independent audits at your plant, gives you the assurance you need. Roofing companies that want to stand out for quality can also certify the process of roofing (Dutch KOMO process certificate). You can contact us for certification of:



ASSESSMENT GUIDELINE	TITLE	CERTIFICATION
BRL 1301	Floor and perimeter insulation with insulation plates made of extruded polystyrene foam (XPS)	KOMO® Attestation or KOMO® Attestation with Product Certificate
BRL 1304 (Part 1 & 2)	Factory manufactured thermal insulation in facade constructions – specific provisions for thermal insulation in facade constructions with stone cavity walls	KOMO® Attestation with Product Certificate
BRL 1304 (Part 1 & 3)	Factory manufactured thermal insulation in facade constructions – specific provisions for thermal insulation in facade constructions with panels	KOMO® Attestation with Product Certificate
BRL 1309	Thermal insulation for flat or sloping roofs on a substructure in combination with a closed roofing system	KOMO® Attestation with Product Certificate
BRL 1511-1	Lane-shaped roofing systems, Part 1: General provisions	KOMO® Quality Declaration and KOMO® Attestation
BRL 1511-2	Lane-shaped roofing systems, Part 2: Specific provisions for reinforced roofing sheets based on (modified) bitumen	KOMO® Quality Declaration and KOMO® Attestation
BRL 1511-3	Lane-shaped roofing systems, Part 3: Specific provisions for roofing sheets based on reinforced plastic/bitumen compounds	KOMO® Quality Declaration and KOMO® Attestation
BRL 1511-4	Lane-shaped roofing systems, Part 4: Specific provisions for plastics and rubber roofing sheets	KOMO® Quality Declaration and KOMO® Attestation
BRL 3121	Metal lintels and metal masonry supports used in masonry facades	KOMO® Attestation with Product Certificate
BRL 4101 (Part 1 & 4)	Cladding with panels: requirements for decorative plates based on thermosetting resins	KOMO® Attestation with Product Certificate
BRL 4702	The realization and maintenance of roofing structures with closed roofing systems	KOMO® Process Certificate
BRL 4708	Rain-proof or water-resistant membranes for sloping roofs and facades	KOMO® Attestation with Product Certificate
BRL 4710	Reversed roof system with insulation plates of extruded polystyrene foam (XPS)	KOMO® Attestation or KOMO® Attestation with Product Certificate
BRL 4713	Roofing constructions with sloping screed of light weight mortar with thermal insulation	KOMO® Attestation with Product Certificate
BRL 9327	The environmental quality of bituminous sealing materials for use in water repellent and waterproofing equipment	NL-BSB® Product Certificate
BRL 9935	Designing, installing and checking and maintaining permanent safety devices on flat roofs agawvinst the risk of falling	KOMO® Process Certificate

## AN OVERVIEW OF OUR SERVICES

### SOIL

SGS INTRON Certification has extensive knowledge and experience in soil and soil certification. Whether it involves party inspections of soil or soil remediation: for virtually every operation there is a quality assurance standard and a certification assessment directive. To ensure the quality of the soil, the Dutch government makes certification mandatory. For example, work that falls under the soil quality decree may only be performed if you are certified to do so. Also, for archeological research statutory certification is required, replacing the traditional excavation permit. SGS INTRON Certification can provide you with the following product and process certificates:

ASSESSMENT GUIDELINE	TITLE	CERTIFICATION
BRL SIKB 1000	Sampling for batch tests	SIKB Process Certificate
BRL SIKB 2000	Fieldwork for environmental soil and sediment investigation	SIKB Process Certificate
BRL SIKB 2100	Mechanical drilling	SIKB Process Certificate
BRL SIKB 4000	Archaeology	SIKB Process Certificate
BRL SIKB 6000	Environmental supervision of sediment and soil remediation, intervention in sediment and aftercare	SIKB Process Certificate
BRL SIKB 7000	Performance of sediment and soil remediation and interventions in sediment	SIKB Process Certificate
BRL SIKB 7500	Processing of contaminated soil and dredged sludge	SIKB Process Certificate
BRL SIKB 7700	Construction or repair of a liquid-tight facility	SIKB Process Certificate
BRL SIKB 9335	Excavated soil	SIKB Product Certificate
BRL Certified compost	Certified compost and invasive exotics	Product Certificate



## AN OVERVIEW OF OUR SERVICES



### BUILDING MATERIALS

Every year, in the Netherlands alone, tens of millions of tons of sand, gravel, crushed rock, recycled granules and slag are used as raw materials in construction products. These must comply with the requirements of legislation, such as European standards for granular materials, the standard RAW determinations and the Decree on Soil Quality. SGS INTRON Certification assesses the quality of your raw materials as an independent body. We do this based on assessment guidelines and extensive materials knowledge. We provide certification for:

ASSESSMENT GUIDELINE	TITLE	CERTIFICATION
BRL 2307-1	MSWI bottom ash for unbound application in ground and road construction works – Technical assessment	KOMO® Product Certificate
BRL 2307-2	MSWI bottom ash for unbound application in ground and road construction works – Environmental assessment	NL-BSB® Product Certificate
BRL 2506-1	Recycling aggregates – Technical assessment	KOMO® Product Certificate
BRL 2506-2	Recycling aggregates – Environmental assessment	NL-BSB® Product Certificate
BRL 2507	MSWI aggregates	KOMO® Product Certificate
BRL 3201-1	Technical repair and protection of concrete	KOMO® Process Certificate
BRL 3201-2	Structural repair and reinforcement of concrete	KOMO® Process Certificate
BRL 9313	Sand from dynamic extraction areas	NL-BSB® Product Certificate
BRL 9320	Bituminous mixtures	NL-BSB® Product Certificate
BRL 9321	Sand and Gravel	NL-BSB® Product Certificate
BRL 9322	Mixtures of cementitious mineral residues	NL-BSB® Product Certificate
BRL 9324	Environmental quality of quarry stone in unbound application	NL-BSB® Product Certificate
BRL 9345	Slag mixtures for application in civil engineering works	NL-BSB® Product Certificate

### IMPERMEABLE FACILITIES

Companies working with environmentally harmful materials, such as recyclers, filling stations and garages, have to deal with statutory and regulatory requirements in the areas of impermeability of floors, surfaces and/or industrial sewerage. As the owner of an impermeable facility, you need to be able to demonstrate the risk of soil contamination has reduced to insignificant. We provide certification of the construction and repair of impermeable facilities (by contractors) based on assessment directive SIKB 7700; an assessment directive arising from the Soil Protection Act. In addition, SGS INTRON certification is accredited as an independent inspection body for existing impermeable facilities. If our assessment, based on SIKB AS 6700, indicates that a facility is impermeable, we can issue a certificate on impermeable facility.



## AN OVERVIEW OF OUR SERVICES



### REFRIGERATION TECHNOLOGY

SGS INTRON certification can be certified according to BRL 100 and STEK. BRL 100 is the statutory mandatory F-Gas certificate for companies operating with this refrigerant. STEK certification shows that you are at the forefront of quality, sustainability and safety, and that you take social responsibility seriously. Depending on your services, you can choose STEK-Certification against one or more technical-content modules.

ASSESSMENT GUIDELINE	TITLE	CERTIFICATION
BRL 100	F-gases for Companies	Dutch Ministry of Infrastructure and Water Management Service Certificate
STEK Module A – F-gases	Working with F-gases as refrigerants	STEK Service Certificate
STEK Module A – Transport	F-gases in mobile installations	STEK Service Certificate
STEK Module B – CO2	Applying CO2 as a refrigerant	STEK Service Certificate
STEK Module C – EPBD	Performing and reporting EPBD air-conditioning inspections	STEK Service Certificate
STEK Module D – Heat pumps	Demonstrating the quality of ground source heat-pump installations	STEK Service Certificate
STEK Module E – Combustible refrigerants	Working with combustible refrigerants	STEK Service Certificate

### SPORTS FLOORS

Technical characteristics, safety and durability are key to a good sports floor. Are you going for the highest level in all these aspects? We are recognized by the Dutch Sports Federation (NOC\* NSF), FIFA and the International Hockey Federation (FIH). This means that we can conduct national and international sport floor inspections. We test sport constructions and their materials according to the standards and federal regulations. Following a positive inspection, a NOC\*NSF certificate is issued. We also perform tests on artificial turf pitches for obtaining a FIFA or FIH certificate. You can also contact us for CE marking for (components of) sports floors.



### PRESSURE EQUIPMENT DIRECTIVE (PED) 2014/68/EU

To design, develop, build and operate pressure equipment such as pressure vessels, tanks, boilers and process units, you need to comply with stringent local and international regulations. SGS INTRON certification's services ensure that you can demonstrate your compliance. For example, we may include:

- Design assessment of pressure systems
- Field and product inspections
- Approval of the quality system or safety device
- Verification and assessment of strength calculations
- Assessment of welding qualification, welding methods, welding tests and/or material certificates
- Assess risk analysis
- Assess classification of pressure systems
- Review of mandatory technical documentation pressure systems (technical construction dossier)
- Approve and assess safety appendages pressure system
- Carry out periodic audits
- Carry out PED inspections for category II, III and IV pressure systems

## AN OVERVIEW OF OUR SERVICES

### CE-MARKING (CPR)

We can help you comply with the European requirements for your construction product, allowing you to apply CE marking to your product. For example, by combining the necessary knowledge of the Construction Products Regulation (CPR), the construction materials and the product standards for you. Most construction products are European standardized. Each product standard defines the requirements for CE marking and the level of control that needs to be applied. At the highest control levels, you need to employ a Notified Body which verifies that the quality control, the FPC (Factory Production Control), has been applied appropriately. SGS INTRON Certification has been assigned as a Notified Body by the government for the CPR for a variety of product groups and is therefore authorized to perform these quality checks. For more information, see [ec.europa.eu](http://ec.europa.eu). For non-standardized products, producers can opt for voluntary CE marking. This can be in the form of a European Technical Assessment (ETA) through a European Assessment Document (EAD). We can help you with this process as well.



### KOMO CERTIFICATION

KOMO certificates have a high reputation in the Dutch construction industry and are accepted by all parties involved in construction. SGS INTRON Certification can provide you with the KOMO certificate. The certificate is independent third-party proof that both the construction product and the manufacturer's quality system are under control. The construction product must meet the specifications and deliver the performance as stated in the KOMO certificate. In addition to product certificates, we can also provide KOMO process certification. To do this, we check the internal quality processes of organizations by verifying that the organization works according to the most recent guidelines.

### ADDITIONAL CERTIFICATES

- BRL 3201-1 Technical repair and protection of concrete
- BRL 3201-2 Structural repair and reinforcement of concrete
- ISO 14021 Environmental labels and declaration;
- BRL EPD Environmental Product Declarations (in development);
- Manufacturer's Own Declaration (FEV).

We keep a close eye on developments in the construction sector and continuously improve our services on this basis. As a result, we regularly add new certification schemes to our service portfolio.



## AN OVERVIEW OF OUR SERVICES

### SGS NETHERLANDS B.V.

By working closely with SGS Nederland B.V., an established name in the field of system and service certification, we can also help you with various other certificates, such as:

- ISO 9001 (Quality Management Systems): By systematically improving all major processes in your organization, you increase efficiency and customer satisfaction.
- ISO 14001 (Environmental Management Systems): The globally accepted standard that stands for continuous improvement of environmental performance.
- BRL SVMS 007 (Safe and environmental demolition): The proof that you are conducting demolition work sustainably, safely and environmentally. With this, professional demolition

professionals demonstrate good preparation, minimize risks to humans and the environment and ensure the responsible recovery and treatment of released demolition materials. In addition, the certificate ensures that the demolition company provides expert personnel, complies with health, safety and environmental requirements, and adheres to quality requirements and procedures.

- CO2 Performance Ladder: This tool helps your business to reduce CO2 emissions and energy consumption by establishing a structured process that leads to continual improvement. This allows you to certify at five different levels of performance.
- Safety Checklist Contractors (SCC): Companies show safe working with the SCC certificate.

### SCC EXAMINATION

Sister company SGS INTRON B.V. is an ISO-certified, nationally operating SCC (Safety Checklist Contractors) examination agency where you can achieve your SCC-qualified personal qualification quickly, easily and in the way you want. Classroom lessons with a recognized trainer or self-study using a course book or e-learning program. You can choose a walk-in examination at a site near you, or an in-company examination on your own business floor.

### WHY SGS?

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognised as the global benchmark for quality and integrity. With more than 89,000 employees, SGS operates a network of over 2,600 offices and laboratories around the world.

We provide competitive advantage, drive sustainability and deliver trust. At SGS, we are continually pushing ourselves to deliver innovative services and solutions that help our customers move their businesses forward.

Efficiency and cost-optimization are no longer the sole drivers in business development strategies. Successful businesses recognize the importance of offering their workforce continuous development and training. Motivated and effective teams create industry leaders.

### WE ARE HAPPY TO ASSIST YOU

Do you have a question, or would you like to use one of our services? Feel free to contact us for more information. We are happy to assist and provide the best possible solution

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

**WHEN YOU NEED TO BE SURE**

**SGS**