

Safety of people & machines



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In the design and manufacture of our equipment, within the European Union we are subject to a number of directives and regulations in terms of safety, health, environment and consumer protection. We strictly respect these technical obligations. The **CE** marking on our machines is proof of this. We therefore advise you to ensure that these markings are displayed on your equipment to certify that they comply with these regulatory requirements, if they are applicable to you.

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Focus on

some New Approach Directives applicable within the EU

- **Electro-magnetic compatibility**
(2004/108/EC)
E.g.: ULIS PLC
- **Machines**
(98/37/CE, amendment 98/79/EC)
All our equipment
- **Non-automatic weighing instruments**
(90/384/EEC, amendment 93/68/EEC)
E.g.: Check scale
- **Explosive atmospheres**
(94/9/EC)
E.g.: ULIS PLC, electrical power
- **Pressurised equipment**
(97/23/EC) DESP/PED Directives
E.g.: LPG distribution gear, regulation skid, etc.
For example, the "Pressurised equipment" directive involves compliance with very specific criteria, such as:
 - Selection of materials and processes
 - Qualification of welders & operating modes
 - Inspection by a specialised body

■ ■ ■ Preview of our machine design policy

We manufacture all our machines to order, which means we can offer you equipments that are tailor-made to suit your needs.

Furthermore, the purpose of our machine design policy is to guarantee

you maximum reliability and safety, without jeopardising the functionality and competitiveness of our machines.

■ ■ ■ Quality Policy

The deployment of a quality management system ISO 9001, V2000 in 2001 for all our business enables us to self-certify for the Safety and ATEX standards (the mechanical portion). Through our organisation and the implementation of procedures, we can assure you that the equipment we manufacture is compliant with the models tested and presented to obtain the "EC TYPE" certificate.

We use electrical and electronic components that are ATEX certified. Concerning SIRAGA parts, we are,

as well as our subcontractors, audited annually by a testing laboratory – the LCIE – to renew our ATEX notification.

E.g.: ULIS Plc, certified zone 0

The recent harmonisation of European and international standards in terms of ATEX regulations, the IECEx*, allows us to extend our strategy to a world-wide scope. In 2010, our equipment will comply with this new international standard.

*International Electrotechnical Commission scheme for Certification to Standards relating to Equipment for use in Explosive Atmosphere.

Risk analysis

Assisted by a dedicated team from our engineering and design department, we conduct risk analysis of our machines. The assessment of risk (frequency/gravity) involves a series of logical steps to systematically examine the dangerous phenomena associated with the machine. The risk assessment is followed, whenever needed, by reduction

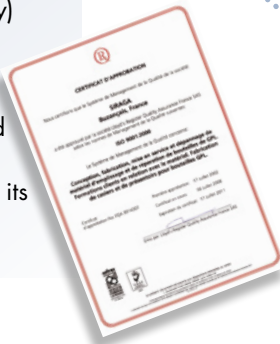
or elimination of the risk, via different means such as modifications to the machine design, or implementation of protective devices, for example. The same team test equipment, in particular for electrostatic load tests (EN 13 463-I standard). The results of these analyses are then sent to the relevant laboratory (e.g. LCIE, etc.).

Lastly, an auditing body such as Bureau Véritas may be commissioned by the customer to ensure that the health and safety requirements are being followed, during an inspection of the equipment in our workshop and/or on its own site.

At your service for compliance and safety of your machines:

Manufacturer: Siraga

- Design
- Risk analysis (Atex/safety)
- Manufacture
- Tests
- Siraga has been certified ISO 9001, V2000 by LRQA since 2001, for all its business



Testing Laboratories:

E.g.: LCIE, Ineris, etc.

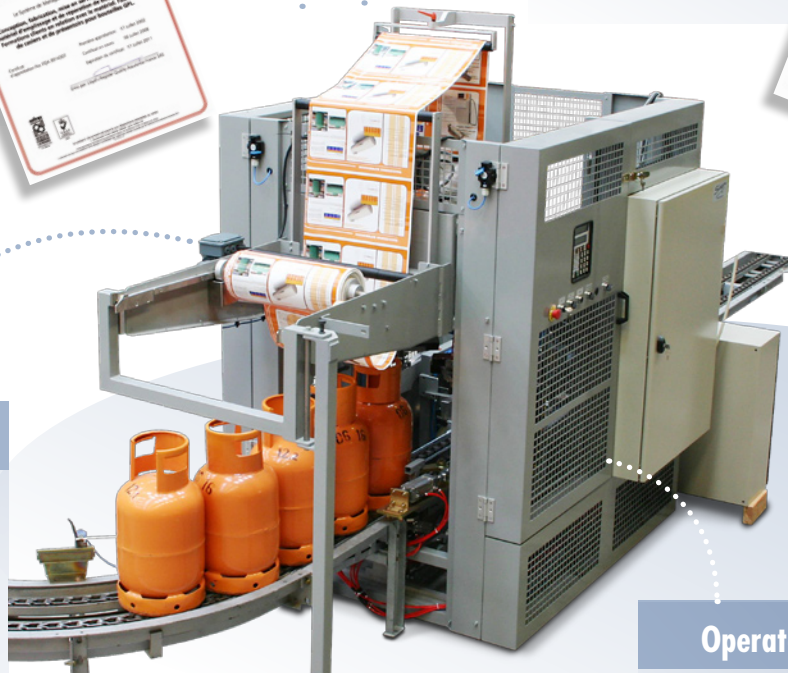
- Certification of electrical and electronic equipment
- ATEX Directive: e.g.: ULIS Plc
- Annual audit of Siraga



Auditing body:

E.g.: Bureau Véritas, Apave...

- Commissioned by the operator for checking compliance with health and safety requirements Imposed by the applicable directive: e.g.: Machines (98/37/EC, amendment 98/79/EC)
- Inspection at manufacturer site
- Inspection at operator site



Operator: Customer

- It is responsible for ensuring that all equipment installed on its site meets EC requirements

CE and Ex marking = visual proof of compliance with applicable directives

We therefore advise you to ensure that these markings are displayed on your equipment to certify that they comply with these regulatory requirements, if they are applicable to you.