

Satisfying legal and economic demands

Environmental
health and safety
consulting

CODEX

HACCP

IPPC

ATEX

CE

€

\$



Combining engineering and legal expertise

Corporate social responsibility has never been higher on the world agenda. As public awareness grows, policy makers have been progressively compelled to both tighten legislation and cooperate globally on environmental, health and safety standards. European Standardisation Organisations (CEN and CENELEC), in particular, are closely cooperating with ISO and IEC, aiming to create global harmonised safety standards.

New Approach directives

The “New Approach directives” define “essential requirements” as to health, safety and environment issues. The European Standardisation Organisations (CEN, CENELEC) enable these requirements to be fulfilled through the path of harmonised European standards. Products which meet the essential requirements are to display the CE marking as described in the particular directive.

For process engineers, keeping pace with all this can be difficult. Directives such as Hygiene of Foodstuff [incl. HACCP], Integrated Pollution Prevention Control [IPPC] and ATEX are complex documents that require careful analysis and interpretation. And even once that is done, implementing changes or conducting the conformity assessment is anything but straightforward for the uninitiated. Trying to do all this in-house can be both costly and distracting.

Your ideal partner

Niro is the ideal partner to assist you in finding the most cost effective and expedient path to conformity. As a leading process engineering company, equipment supplier and systems integrator, we are intimately familiar with the substance of all relevant directives and their practical implications for process industries.

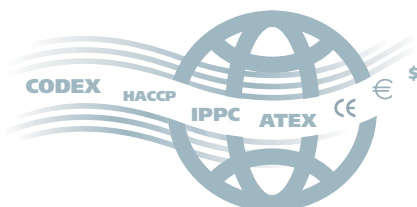
This knowledge is transferred to customers via our consulting Sales Division. By combining a technical understanding of your business with a thorough knowledge of legislation, Niro can assist you in meeting regulatory demands with a minimum of human and financial resources.

Whether you are planning a new plant or updating an existing facility, take a look at the full range of services we offer for ensuring your facilities and safety systems comply with European directives.

Risk assessment

Recommendations

Compliance



Our services

Niro can assist you in bringing your plants, processes and procedures in line with environmental, health and safety requirements in a professional and timely fashion. Specifically our consultancy services in the Food & Dairy, Chemical and Pharmaceutical Divisions cover:

1 EU DIRECTIVES & HARMONISED STANDARDS

- Provide overall consultation on matters related to the directives and the CE marking of plants and equipment.
- Assist in identifying applicable directives and harmonised standards.
- Provide advice on the application and interpretation of the requirements of directives and standards.

1

2 TECHNICAL CONSULTING SERVICE

- Advice on compliance issues and conformity assessment procedures.
- Review of mandatory "Essential Health & Safety Requirements".
- Suggestions for risk reduction in compliance with EU directives and harmonised standards.
- Identifying hazards, risks and determining safety measures. Assist in conducting the necessary risk assessment required by some directives.

2

3 TECHNICAL DOCUMENTATION SERVICE

- Guidance in drafting an EC Declaration of Conformity.
- Preparing installation, operation and maintenance instructions.
- Assistance in preparing the relevant mandatory documentation required by the directives.

3

4 PROVIDE PERSON(S) COMPETENT IN EXPLOSION PROTECTION

- Inspection reports on the condition of installations, plants and facilities where explosion-protected equipment is employed.
- Advice on the specification and installation of new explosion-protected plants and equipment and the correct use of safety components.
- Identification of the operating characteristics and validity of electrical and mechanical equipment as relevant to ATEX.
- Assistance in preparing the mandatory requirements for explosion protection documents [EPD].

4

5 COMPLIANCE TESTING ARRANGEMENT

- Performing complete or partial electrical/mechanical safety testing and evaluation of equipment for compliance with relevant directives and standards.
- Assistance in your product testing and evaluation at Niro's international test station and laboratory facilities.

5

Cost
effective
results

Regulatory compliance

As you are no doubt aware, your responsibilities as a process plant operator include:

- Purchasing safe and approved plants and equipment
- Bringing existing plants and equipment into compliance
- Properly using plants and equipment
- Complying with regulatory requirements for hazardous installations

A tradition of safety



Niro is a world leader in industrial drying, with spray drying, freeze drying, and fluid bed processing as core technologies. For over 70 years, Niro has actively promoted safety and reliability through improving technology and safety standards in process engineering. The Niro companies are part of the Process Engineering Division of GEA Group.



A company of GEA Group

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