



ECTA CONFERENCE 2009



*Implementing the ECTA
Responsible Care Scheme in
the European Chemical Land
Transport Industry*



Responsible Care[®]
OUR COMMITMENT TO SUSTAINABILITY



Transport Companies and the **Responsible Care** Programme in Spain

feiQue

Spanish Chemical Industry Federation

Jesus Soriano
FEIQUE Responsible Care Manager



Harmonisation OF all the RC Programs

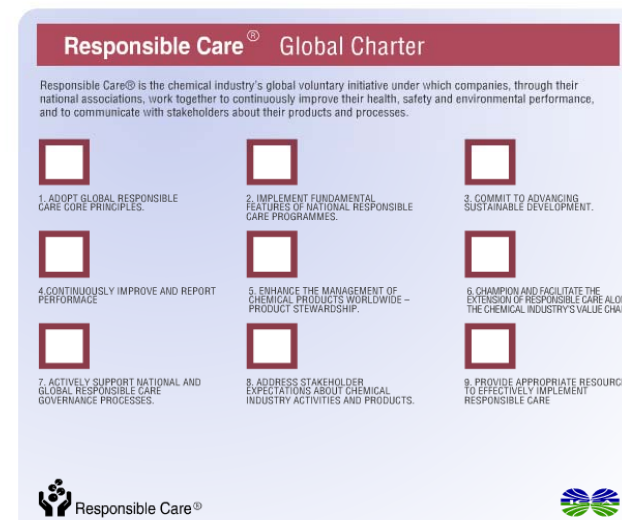


The Spanish RC Program complies with and assumes the harmonization setting up with the international “Responsible Care **Global Charter 2006**” AS THE FUNDAMENTAL CHEMICAL SECTOR HSE APPROACH WORLDWIDE

Nine Articles were prepared known as the “Responsible Care Global Charter 2006” with the aim of harmonizing each national.

These 9 “Articles” are developed in the official Website of the International Council for the Chemical Industry -ICCA-

<http://www.responsiblecare.org>



Responsible Care. Background and Scope in Spain



A Global Program in the Spanish Chemical Industry

Responsible Care originated in Canada in 1985, and currently applied in 53 countries singling out the chemical sector as the only one taking on such a global initiative.



Implantation in Spain. Scope.

The 145 companies that currently apply the Programme, coordinated by FEIQUÉ since 1993, produce **two thirds of the total chemical production in Spain**, excepting pharmaceutical specialties.



The 8 fundamentals



1. GUIDING PRINCIPLES
2. LOGO, NAME
- 3. CODES, GUIDES**
4. PROMOTION
5. COMMUNICATION
6. EXCHANGE
7. VERIFICATION
8. PERFORMANCE INDICATORS



These were established as the common elements to all the national Programmes developed by Responsible Care worldwide

CODES ARE A SIGNIFICANT ELEMENT OF THE SPANISH RC PROGRAMME

2.1 – What the 8 fundamentals are

1

- **10 GUIDING PRINCIPLES:** The commitment document signed by the top company's leaders

2

- **LOGO AND NAME:** Programme participating companies' internal and external identification throughout the world



COMPROMISO DE PROGRESO

(Empresa miembro de FEIQUÉ, se adhiere a la iniciativa voluntaria de la Industria química llamada "Compromiso de Progreso" por lo que se compromete a realizar sus operaciones mejorando de forma continuada la Seguridad y la protección de la Salud y del Medio Ambiente, como contribución fundamental al Desarrollo Sostenible y aplicando los siguientes:

Principios Guía

POLÍTICA DE EMPRESA

La aplicación de su política de Seguridad, protección de la Salud y del Medio Ambiente, se identifica con "Compromiso de Progreso", haciendo mención del mismo y siendo parte de su política general.

PARTICIPACIÓN DE LOS TRABAJADORES

Considera esencial la participación de sus empleados en esta iniciativa y adopta una política de comunicación y formación con los mismos, dirigida a lograr dicha participación en todas las actividades industriales y comerciales de la compañía.

EVALUACIÓN Y PREVENCIÓN DE RIESGOS

Asigna recursos humanos y técnicos para identificar los peligros, evaluar y gestionar los riesgos potenciales inherentes a sus procesos y productos, dedicando especial atención a la prevención y control de accidentes.

COMUNICACIÓN Y PROMOCIÓN

Informa, escucha y responde a las autoridades, a sus empleados, a los clientes y a la Comunidad en general sobre los riesgos y medidas de prevención de sus instalaciones, procesos y productos, extendiendo la iniciativa a todos aquellos que manejan productos químicos.

TUTELA DE PRODUCTO

Informa y asesora a sus clientes y al resto de agentes de la cadena de suministro, respecto a los peligros de los productos y a los riesgos de las operaciones de manipulación, utilización, transporte y tratamiento, tanto de los propios productos, como de los residuos, emisiones o vertidos asociados a los mismos.

CONSERVACIÓN DE RECURSOS

Actúa según el principio de conservación de recursos y de minimización de residuos, vertidos y emisiones de acuerdo a las mejores técnicas disponibles, asegurándose que se alcanza el más alto nivel posible de protección.

AVANCE TÉCNICO Y CIENTÍFICO

Contribuye a la investigación y a la educación, difundiendo los resultados de estudios científicos realizados para averiguar los efectos de sus procesos, productos, emisiones, vertidos y residuos.

SERVICIOS CONTRATADOS

Selecciona, informa y controla a sus contratistas para que apliquen reglas sobre Seguridad, protección de la Salud y del Medio Ambiente equivalentes a las suyas.

COLABORACIÓN CON LAS AUTORIDADES LEGISLATIVAS

Coopera con gobiernos y organizaciones en todos los ámbitos en el desarrollo e implantación de normas y regulaciones efectivas, y alcanza o excede sus requerimientos.

MEJORA CONTINUA Y OBJETIVOS

Asume el principio de mejora continua fijando periódicamente objetivos cuantitativos y cualitativos y controla su cumplimiento a través de los correspondientes indicadores de comportamiento.

El firmante _____ (Primer Ejecutivo) de _____ compromete a su Empresa a respetar estos Principios

Fecha de la adhesión (dd/mm/199x)

Fecha de la última renovación (dd/mm/200x)

Firma:



3

- **MANAGEMENT PRACTICES: CODES: Classical Approach of the "6 Planets"**

The management tools and procedures the companies must develop. These are articulated in six codes and define the concrete procedures and objectives for:

- 1 – Environmental Protection
- 2 – Occupational Safety
- 3 – Process Safety and Emergencies Response
- 4 - Distribution**
- 5 – Product Stewardship
- 6 – Communications: Transparency and dialogue

2.2 What the 8 fundamentals are

4 • PROMOTION: Encourage other companies to participate in the programme.

5 • COMMUNICATION: Companies act with transparency communicating publicly and openly the Programmes' results and achievements.

6 • EXPERIENCE EXCHANGE: Forum in which companies exchange their best practices and experiences, allowing individual improvements to be passed on to the rest of the sector.



7 • VERIFICATION: Verification systems for the Programme's correct application and development.

8 • PERFORMANCE INDICATORS: They show the Programme's application results in a quantitative way and are published every two years in an Achievement Report.

3. - Responsible Care Application



Responsible Care represents an Integrated Management System that is applied and developed in six major areas:

- 1 *Environmental Protection*
- 2 *Occupational Safety*
- 3 *Process Safety and Emergencies Response*
- 4 *Distribution*
- 5 *Product Stewardship*
- 6 *Communications: Transparency and dialogue*

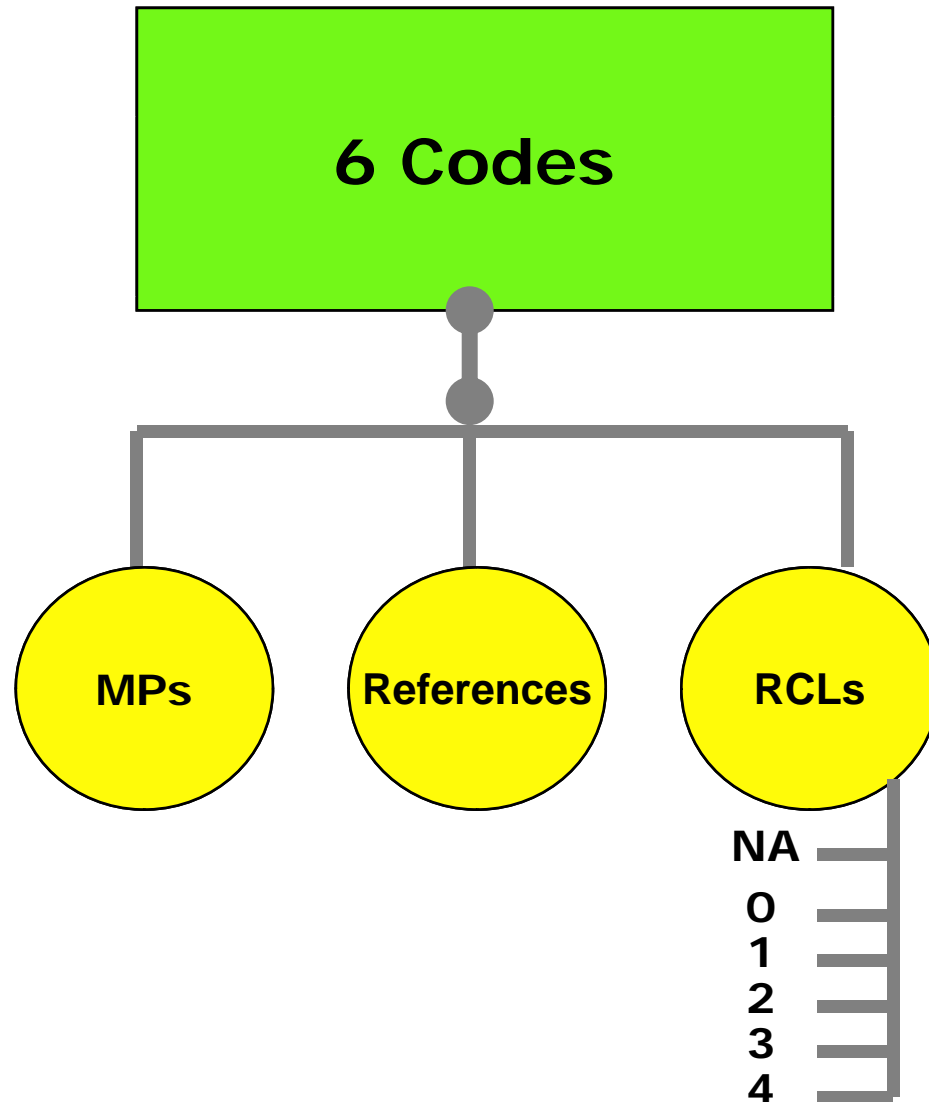
Each of these areas provides a code of management practices subject to ongoing improvement processes. **evaluation, quantification and compliance**



In search of a common benefit

One of the Programmes success lies in the exchange best practices and experiences amongst companies that allows individual improvements to be passed on to the rest of the sector.

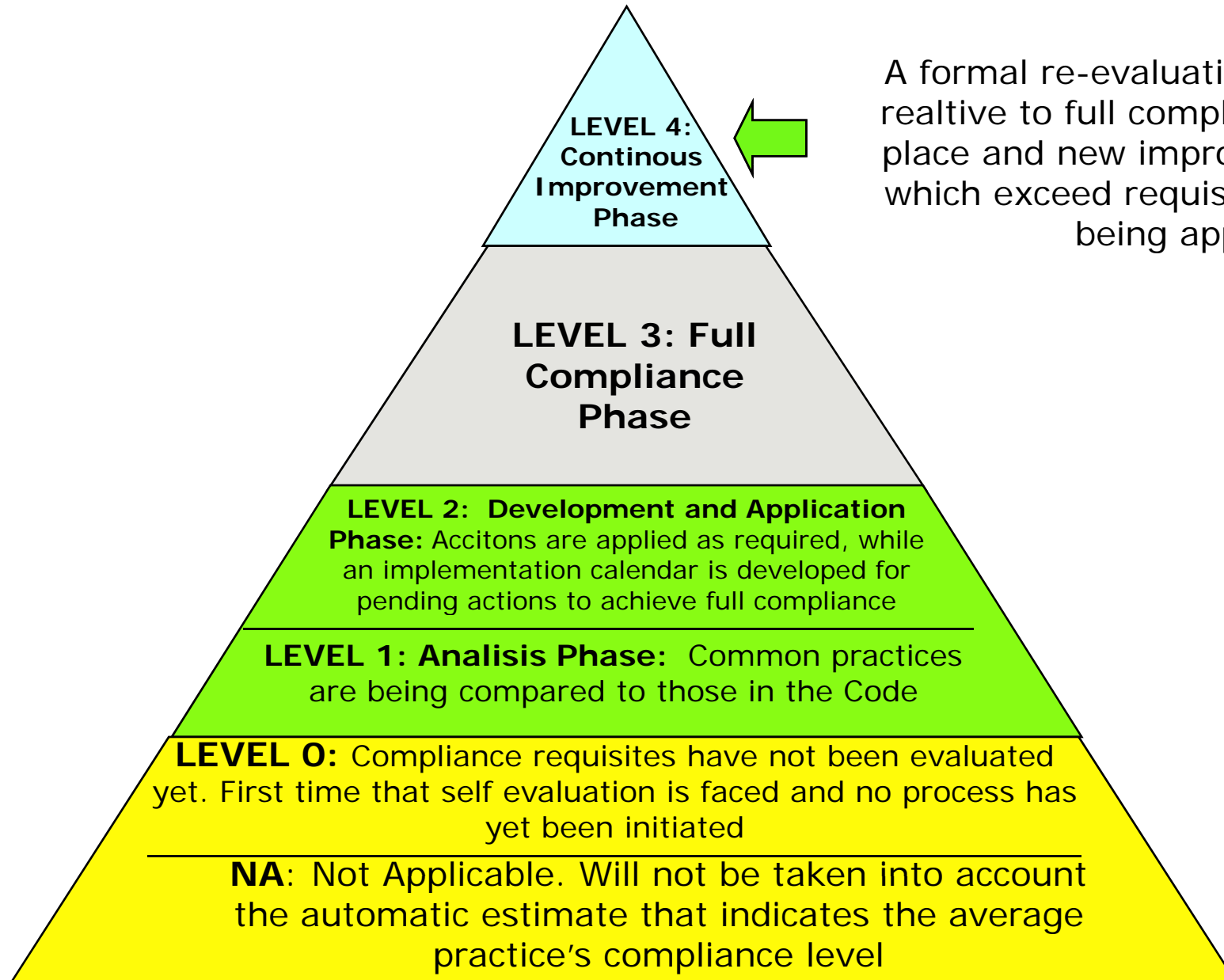
4. – 2008 Version Codes' Structure



The 6 Codes forming the **Integrated Management System** are structured as follows:

- *Management Practices (MPs):*
- Describe the GENERAL actions to be carried out
- *References of each Management practice*
- The specific activities for each practice, subject to measurement and/or audit
- *Reference Compliance Levels (and of MPs):*

COMPLIANCE LEVELS OF THE REFERENCES



A formal re-evaluation of all actions relative to full compliance has taken place and new improvement actions which exceed requisites are already being applied

4.1 – New self-evaluation elements 2008



In addition to the 4 Compliance Levels, new elements have been introduced for Codes' self-evaluation:

- Evidence
- Improvement actions to be applied
- Best practice cases and
- Spanish regulatory reference.

Operational self assessments



feiQue

■ COMPANIES:

- ✓ The 145 participating companies realise the self-evaluation every two years

■ FEIQUÉ:

- ✓ Receives the self-evaluations
- ✓ “Verifies” the self-evaluations
- ✓ Adds received and evaluated data
- ✓ Submits report to top executive

Transport Companies and RC Spanish Program



The Spanish Responsible Care Mangement System (Six Codes of Practices) establishes a follow up system for improving procedures for the Chemical Industry related all Logistics providers to obtain a better Performance in HSE in real terms

.....

a model may be the case of Spanish Chemicals Distributors..... in year 1999.....

Transport Companies and RC Spanish Programme.



.....when 25 Spanish Chemicals Distributors committed to the Spanish RC Programme

- These are formal members of the RC Spanish Committee plus of the RC Steering Committee.
- The Fundamental Tool for the application of Management Practices for Chemical Distributors is the E.S.A.D.: *European Single Assessment for Chemical Distributors* (SQAS for Distributors) .
- Adopted Specific Performance Indicators (ex. Number of shipments,)
- Participation in the Spanish Emergency Center in case of T.D.G. accidents (Mutual Aid Scheme between companies , C.E.R.E.T).

Transport Companies and RC Spanish Program



.....Similar model could be applied for
Transport chemical industry,
nevertheless

It is a long way ahead and

Will require great efforts in all parts



Transport companies and RC. Starting Points



Leading Procedures:

ECTA-CEFIC Guidelines are an excellent starting points ;;

Transport and Manufacturing chemical companies, and their Supply Chain
Critical Points

-**SQAS**. Fundamental

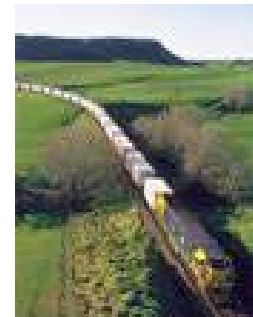
-Loading and Unloading procedures. FEIQUE elaborated a Loading and Unloading Guideline (2007)

-Driver's behavior : Communications and Training.

-Efficiency in transport operations. Intermodal transport: the effective way. The Railway is not an enemy, it should be a business opportunity

-Security

-Fuel consumption



Transport companies and RC. Number of accidents , according RC KPI



VIII Responsible Care
Report 2008

Lagging Indicators : Safe Chemical Transport

KPI RC Transport Companies :

The number of accidents per million chemical goods transported by Responsible Care companies is a fundamental Indicator shared by Transporters and Manufacturers

Numbers of accidents per tonnes is a ratio of one as compared to five registered in all goods transports in Spain.

(Source : Spanish Ministry of Transport)



The Objective is to put in practice the *Efficient Operational Management* throughout the Chemical Supply Chain as a part of the Responsible Care Process.

Chemical Industry



Transport Industry



- Transport subcontractors
- Tank Cleaning Stations
- Distributors and Logistics operators...



Thank you for your
attention

feiQue

Spanish Chemical Industry Federation

