

# QUALITY BY DESIGN

Integrated  
Quality  
System

Project  
Lifecycle  
Management

Tailor made Quality

Management  
Commitment

Filing  
expertise  
and  
experience

Quality  
by Design

## The right quality in full compliance with regulatory requirement

An integrated Quality System  
delivering the right quality to the  
right need

Quality System fulfilling project  
needs at all steps of the lifecycle

Appropriate Quality Policy for  
product and process design

Communication of facts with  
transparency

Efficient and experienced filing all  
over the world

## The 4 pillars of our Quality Policy

Regulatory compliance

Management Information System

Continuous Improvement

Committed personnel



ISOICHEM



# A RESPONSIBLE FINE CHEMICAL COMPANY

Prevention  
of accident

Dangerous goods  
controlled usage



Sustainable SH&E policy

Regulatory  
Compliance

Safe processes  
and operations

Environment  
protection

## A responsible policy with responsible people

Preventing accident at work is our  
top priority

Hazard identification and risk  
assessment of our processes is  
based on three pillars:

design  
operation  
maintenance

Committed to the protection  
of human health and the  
environment we replace CMR's in  
our existing products wherever this  
is possible

Our processes and operations  
are designed to a standard  
which provides a high level of  
protection for the Environment

We are responsible for  
preventing and controlling  
environmental emission  
(wastes, VOC's) from our  
activities.



ISO CHEM



Responsible Care®  
OUR COMMITMENT TO SUSTAINABILITY



# HUMAN RESSOURCES

Maximize  
trust and  
respect of  
employees

Forge close  
relationships  
with our  
Representatives

Create and  
maintain a  
positive  
relationship  
with  
employees

Our people make the difference

## The right people to make the difference

Build a positive relationship between  
Isochem and its employees

Build a relationship based on trust  
and respect of employees

Great importance attached to  
programs improving skills and  
competencies

Consider engagement as a vital part  
of human resources management

Sustain the development of the  
company through good (close)  
Relationship with unions and  
representatives.

Consider our employees as the  
main resources for delivering  
Services to our customers

Training to  
improve  
Skills and  
Competency

A management  
committed to  
customer  
satisfaction



# ISO•CHEM



# CHEMISTRY AND PROCESS INNOVATION

Route  
selection

Process  
development

R&D & industrialization  
staff : 35

Process development tools and  
methodologies for reliable and  
rapid scale-up

Analytical development tools and  
expertise for the right quality

Process safety and environment  
impact evaluation at early  
development stage

Pilot and production units for  
flexible up-scaling and product  
supply

External collaboration and expertise  
network for the right solution

Innovative R&D is powered by  
skilled teams who combine, open-  
mind, creativity, enthusiasm, and  
pragmatism

Technology Know-How

Production  
optimization

Analytical  
development

Risk and  
gap analysis  
in up-scaling

**ISOICHEM is a member  
of BRITEST**

Acknowledged internationally  
for its expertise in delivering  
tools and methodologies  
for innovative processes and  
knowledge management

Britest



ISOICHEM



# RELIABLE, FLEXIBLE AND COMPETITIVE

Recognized  
to comply with  
international  
standards of  
Quality

Complex  
multi-step  
Reactions and  
Technologies

## Safe implementation of hazardous reactions

Phosgenation, Nitration,  
Nitrosation,  
Reductions with complex hydrides  
and diborane, Hydrogenation up to  
40 bar

### ... and versatile chemistry

Chlorination, bromination,  
Organometallic chemistry,  
Homo & Heterogeneous catalysis,  
Condensations, Heterocycle  
synthesis

C-C Coupling, Chiral chemistry,  
Liquid phase peptide synthesis

Amino acids Protection &  
activation, N-Carboxy Anhydrides

Reaction capacity 350 m<sup>3</sup>

Risk  
management

Safe  
Implementation  
of Hazardous  
Chemistry

## Production capacity

Total capacity 350 m<sup>3</sup> - 270 m<sup>3</sup>  
operating under c GMP

Glass lined and stainless steel  
reactors : from 100 L to 25 000 L

Temperature from -70 to 250 °C

Handling of hazardous and toxic  
chemicals from lab to industrial  
scales

Full  
EHS  
Compliance



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