

WINTERGRITECH Global leverages expertise and background by providing its customers with pioneering Training & Coaching solutions geared towards the daily challenges related to assets technology management.

A PRACTICAL VISION FOR COMMITTED PEOPLE

Unlike training courses mostly based on a formal approach, Wintergritech provides a pragmatic methodology for suitable transfer of knowledge. Training sessions involve a high level of dynamic interaction with the trainees' group. All the illustration cases are properly selected from international experiences of the trainers, thus forming the cornerstone of the sharing with the attendees.

The professional trainees are typically encouraged to bring encountered issues with them, for discussion on a confidential basis, and to introduce their experience of particular situations which may be approached as practical cases.

WHY WINTERGRITECH?

- ◇ **Benefit** from a practical approach
- ◇ **Get all the answers** about equipment integrity
- ◇ **Take advantage** of explanations to solve pending issues
- ◇ **Exchange** with field experts
- ◇ **Share** relevant cases
- ◇ **Acquire** suitable knowledge applicable to daily commitment

FOR WHAT PURPOSE?

- ◇ **Evaluate** equipment design & specifications
- ◇ **Understand** failure and ageing mechanisms
- ◇ **Get applicable knowledge** for lifetime assessment
- ◇ **Manage** assets follow-up and inspection procedures
- ◇ **Anticipate** operational upsets for sustainable performance

FOR MORE INFORMATION:
contact@wintech-global.net
+33 4 81 07 16 85



APPLICATION FIELDS :

- ◇ **R:** Refining Units / Oil & Gas
- ◇ **P:** Petrochemical / Chemical Plants
- ◇ **E:** Energy & Utilities

WHO SHOULD ATTEND ?

- ◇ All professionals involved in equipment performance and integrity management .
- ◇ Services: Inspection, Maintenance, Design, Technology, etc.
- ◇ Profiles: Engineers, Inspectors, Technicians, Apprentices, etc.

WHO ARE WE?

WINTERGRITECH Global is an independent consulting firm providing dynamic consultancy and service aiming at upholding the equipment efficiency.

WINTERGRITECH Global assists performers involved in the operation of valuable assets all along their life.

'A LA CARTE'

Wingtech Training and Coaching sessions are available for **all types of refining units**. Each R module is self-supporting and addresses all the issues for the complete related scheme.

Examples of relevant modules are presented below.

MODULE R1 - Distillation unit:



- ◇ Feed pre-processing (desalting)
- ◇ Cold area aqueous corrosion
- ◇ Hot area HT corrosion
- ◇ Furnace materials selection
- ◇ Etc...

MODULE R2 - Fluid catalytic cracking unit:



- ◇ Reaction & Regeneration area integrity
- ◇ Gas plant corrosion control (HIC, blistering,..)
- ◇ Amine treatment unit
- ◇ Etc...

MODULE R3 - Hydroprocessing unit:



- ◇ Reaction zone (HTHA / HT corrosion)
- ◇ Effluent zone & stabilisation (salt corrosion)
- ◇ Furnace materials selection
- ◇ Etc...

COMMON THREAD TO ALL MODULES:

- ◇ Scheme & corrosion loops description
- ◇ Assets specifications
- ◇ Specific areas & operating windows
- ◇ Corrosion Under Insulation
- ◇ Relevant cases

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COURSES DURATION

4 to 5 Days per module

GROUP SIZE

10—15 attendees

DATES

To be set upon client's need.

LOCATION

- ◇ Lyon - France
- ◇ Client's premises (upon request)

LANGUAGES: French or English

PRINCIPAL TRAINER

Albert Veld has been working for decades in the area of Assets Integrity Management.



As an expert in Materials and Corrosion, Inspection methodology (RBI) as well as integrity management of materials, he intervened on behalf of various sites of refining and petrochemical based in Europe, Canada, the USA, Venezuela, etc.

As high-skilled professional trainer in the area of Materials Integrity, he provided valuable training & coaching in France, Kingdom of Saudi Arabia, Kuwait, Iran, Russia, Venezuela, etc.

'A LA CARTE'

Wingritech Training and Coaching sessions are available for **all types of petrochemical units**. Each **P** module is self-supporting and addresses all the issues for the complete related scheme.

Examples of relevant modules are presented below.

MODULE P1 - Steam cracking unit:



- ◇ Unit presentation
- ◇ Cracking furnace
- ◇ Caustic treatment
- ◇ Cold area
- ◇ Etc...

MODULE P2 - PVC PRODUCTION UNIT:



- ◇ Unit presentation
- ◇ Reaction & stripping area
- ◇ Incineration area
- ◇ Etc...

COMMON THREAD TO ALL MODULES:

- ◇ Scheme & corrosion loops description
- ◇ Assets specifications
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'A LA CARTE'

Wingritech Training and Coaching sessions are available for **all types of units for energy sector**. Each E module is self-supporting and addresses all the issues for the complete related scheme.

Examples of relevant modules are presented below.

MODULE E1 - Steam boiler:



- ◇ Boiler feed water preparation area
- ◇ Hot area
- ◇ Condensate return area
- ◇ Etc...

MODULE E2 - Cooling water systems:



- ◇ Unit presentation
- ◇ Cooling water systems
- ◇ Once-through sea water
- ◇ Etc...

COMMON THREAD TO ALL MODULES:

- ◇ Scheme & corrosion loops description
- ◇ Assets specifications
- ◇ Specific areas & operating windows
- ◇ Corrosion Under Insulation
- ◇ Relevant cases

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