

CDI

**The Chemical
Distribution Institute**



StocExpo Turkey & the Black & Caspian Seas 2008

CDI Terminal Inspection

CDI

CDI is a non-profit making organization, financed by the Chemical Industry and responsible for providing inspection and audit information for use in risk assessment.



CDI manage global schemes for the global
chemical industry

| | | |
|----------------------|------------------------------|-------------------------|
| Afrox | Erg Med S.p.A. | NOVA Chemicals |
| Agility Chemical | Evonik | Orica |
| Akzo Nobel | ExxonMobil | Perstorp Oxo, AB |
| Arkema | Flint Hills Resources LP | Petrobras |
| Aughinish Aluminium | GPN | Petromont Inc |
| BASF | Greenergy | Petro Rabigh |
| Borealis | Gulf Petrochemical Ind. Co. | Polimeri Europa S.r.l. |
| BP Shipping | Holborn Europa | Preem Petroleum AB |
| Braskem SA | Huntsman Holland BV | Qatar Vinyl Company |
| Calumet Penreco | INEOS ChloroVinyls | Qenos Pty Ltd |
| Cargill | INEOS Germany | Renewable BioFuels |
| Celanese | INEOS Manufacturing Scotland | Rhodia |
| Centrotrade | Idemitsu | Rohm and Haas |
| Chemtura | Infineum | SABIC |
| Chevron | INVISTA | SABIC UK Petrochemicals |
| Ciba S.chemie AG | Kemira GrowHow Oy | Shell Chemicals |
| Cognis Oleochemicals | Koch Industries Inc | Shin-Etsu PVC b.v. |
| ConocoPhillips | Kuwait Petroleum | Solvay SA |
| Copesul | Lyondellbasell | StatoilHydro |
| Dow Europe S.A. | Marubeni Corporation | Sunoco |
| DSM | Methanex | Tasweeq |
| DuPont | Mitsui | YARA Switzerland Ltd |
| ED & F Man Alcohols | Neste Oil | |
| EQUATE | Norfalco | |





RESPONSIBLE CARE®

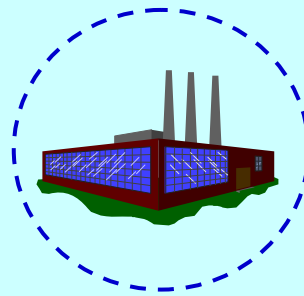
A public commitment for chemical companies to demonstrate their commitment to improve all aspects of performance which relate to protection of health, safety, the environment and security.

The 7 Management Codes



RESPONSIBLE CARE

Employee H&S
 Process Safety
 Pollution Prevention
 Community Awareness



Distribution
 Product Stewardship
 Security



Applying "Due Diligence"



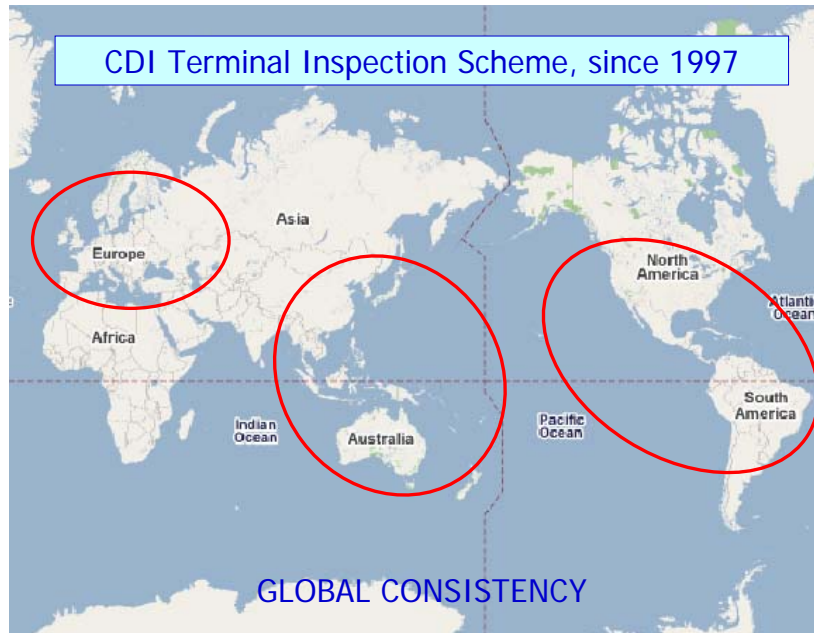
Vetting

Avoiding the sub-standard by selecting the ship with the highest level of compliance.



Assessment

Identifying the non-compliances, managing the risks and implementing improvement plans.



51 Companies with >100 reports available

| | |
|--|--|
| Adonai Quimica | Odfjell Terminal (s) Korea Co., Ltd. |
| ADPO | Oiltanking |
| AGEO Terminals LTDA | Oxiquim S.A. |
| AST inc | PIR - La Petrolifera Italo Rumena SpA |
| BP Guangzhou Dev. Oil Products Co., Ltd. | Poliport |
| Cattalini Terminais Maritimos Ltd | Rubis Terminal |
| Chemical Logitec Co. Ltd. | Simon |
| China Petroleum Company | Solventas |
| Copape Terminais | Standic BV |
| Den Hartogh | Stolthaven Santos Ltda. |
| DOC Livorno | Stolthaven Terminals Inc. Houston |
| Dovechem | Stolthaven (Jeongil) Ulsan Co. Ltd |
| Dupeg | TankQuid GmbH & Co. KG |
| Eastern Tankstore | Terminales Portuarias SL |
| Garolla SRL | Terminall Quimico De Aratu S.A. - Tequimar |
| Industrie Generali Spa | Topsafe Petrochemical Logistics |
| Intercontinental Terminals Company LLC | Uniao Terminais e Armazens Gerais Ltda |
| Jiangsu Yangtze Petroleum Co. Ltd. | United Storage |
| Kinder Morgan Liquids Terminals LLC | Vopak Chemicals Logistics Belgium |
| LBC | Vopak Oil Logistics Europe & Middle East |
| Lee Chang Yung Chemical Ind - Corp. | Vopak Terminal ACS NV |
| Neochimiki SA | Vopak Terminal Botlek |
| Noord Natie Terminals | Vopak Terminal Teeside |
| NuStar Eastham Limited | Yeosu Tank Terminal |
| NuStar Energy LP | Zhangjiagang Trans-Ocean Enterprise Co Ltd |
| Odfjell | |

CDI-T

TERMINAL INSPECTION REPORT
MANAGEMENT QUESTIONNAIRE

*Fourth Edition
1st January 2007*

CDI-T

TERMINAL INSPECTION REPORT
TECHNICAL QUESTIONNAIRE

*Fourth Edition
1st January 2007*

Valid for 3 years

Report remains open for the Terminal Manager to update the remarks
and demonstrate progress with improvement plan

4th Edition

TA.SYSTEMS

| | |
|-----|-----------------------------|
| TA1 | Fire Fighting |
| TA2 | Power Distribution |
| TA3 | Vehicle Circulation |
| TA4 | Emergency Response |
| TA5 | Tank Cleaning |
| TA6 | Sewers, Waste and Treatment |
| TA7 | Vapour Emission Control |
| TA8 | Security |
| TA9 | Hoses |

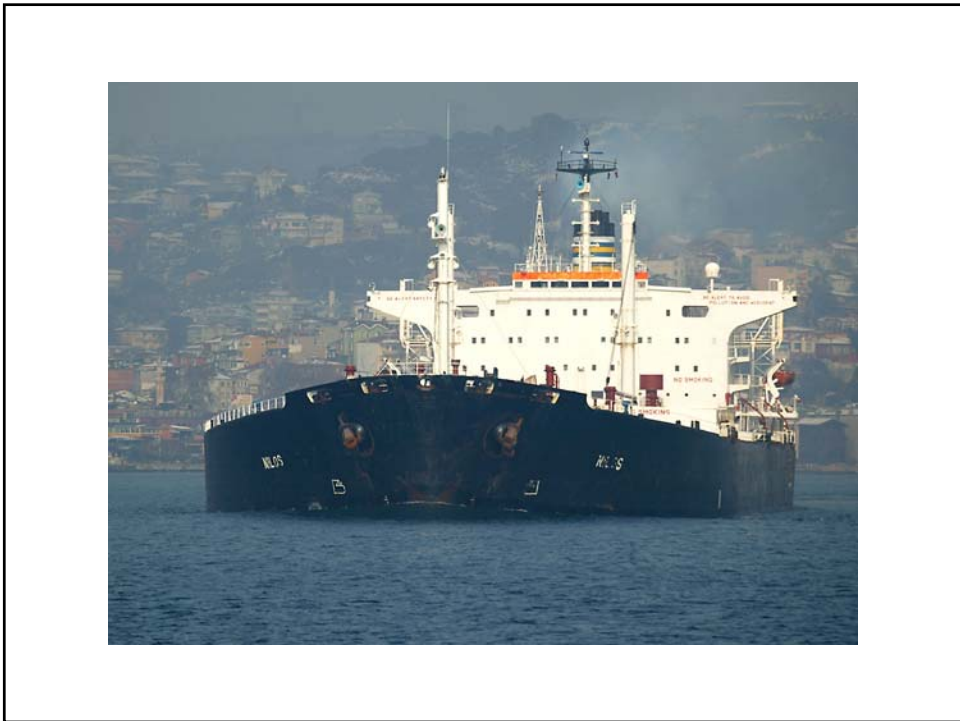
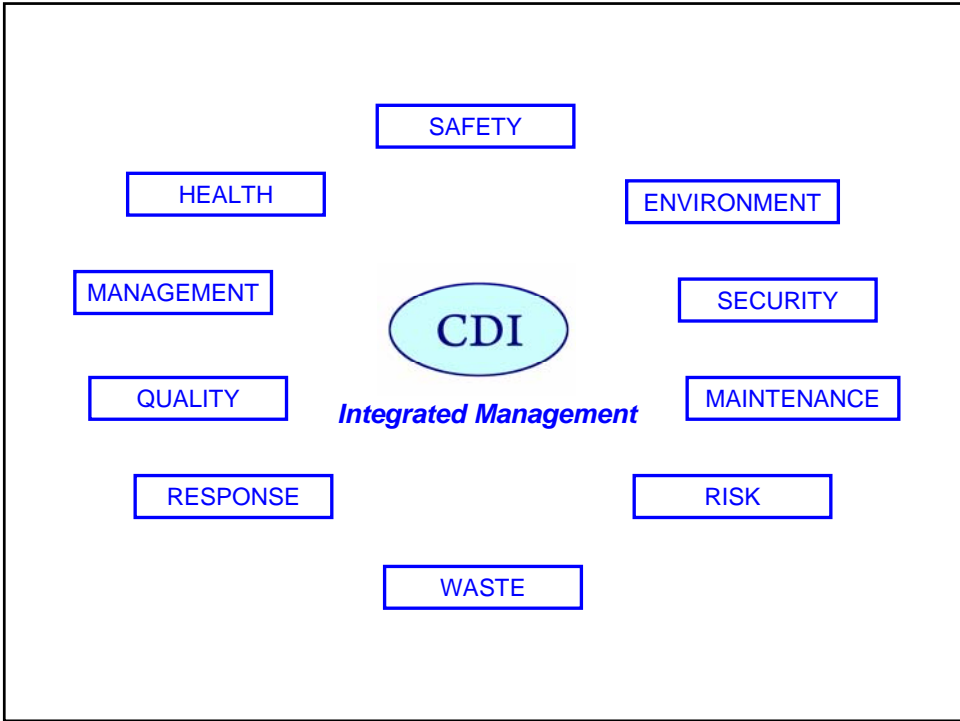
TB.AREAS

| | |
|-----|-----------------------------------|
| TB1 | Road & Rail Tank Car facilities |
| TB2 | Jetty |
| TB3 | Tank Farm |
| TB4 | Pumping Stations & Transfer Lines |
| TB5 | Blending & Drumming |
| TB6 | Warehouse |
| TB7 | Buildings |

| | |
|-----|-------------------------------------|
| M0 | General Information |
| M1 | Management Responsibility |
| M2 | Training |
| M3 | Quality Manual, Plans and Standards |
| M4 | The Supplier of Goods and Services |
| M5 | The Customer |
| M6 | Personnel |
| M7 | Operations |
| M8 | Maintenance |
| M9 | Non-conformity Reporting |
| M10 | Emergency Plans & Preparedness |
| M11 | Administration |
| M12 | Personnel Safety |
| M13 | Occupational Health |
| M14 | Environmental Protection |
| M15 | Security |

CDI

- Dow, Shell, BASF and Methanex
- The loss of experience
- Inspection teams are becoming dinosaurs
- Customer visits & the Report Summary



- Ship Vetting
- Rejected ships still trade
- Never before seen ships bring risk
- Singapore Government
- Why not look at ships before they arrive
- Vessel Particulars Questionnaires - free

Risk Assessment is not an activity just for the chemical industry. For terminals, it is not just a matter of being the inspected party, the Marine and Marine Packed Cargo databases are also available for terminals to use.



www.cdi.org.uk