



CDI
The Chemical
Distribution Institute



Tank Storage Istanbul - 2009

CDI Terminal Inspection



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

It is all good news for Terminals

CDI-T has grown by 17% in this recession

- Dow, Shell, BASF, Methanex – global policies
- The loss of experience in chemical companies
- Inspection teams are becoming dinosaurs
- CDI-T Report Summary & improvement plan

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- | | |
|--|--|
| Adorsis Quimica | Outjet |
| ADPO | Outjet Terminal (s) Korea Co., Ltd. |
| AGEO Terminals LTDA | Oitankang |
| Altintel Liman ve Terminal Isletmeleri AS | Otaqum S.A. |
| AST inc | PIR - La Petroliera Italo Rumena SpA |
| BP Guangzhou Dev. Oil Products Co., Ltd. | Poliport |
| Cattalini Terminals Maritimos Ltd | Rubis Terminal |
| Chemical Logistic Co. Ltd. | Simon |
| China Petroleum Company | Sinochem Orient |
| Coppae Terminals | Solventis |
| Dien Hartogh | Standic BV |
| DOC Livorno | Stolhaven Santos Ltda. |
| Dovechem | Stolhaven Terminals Inc. Houston |
| Dupeg | Stolhaven (Jeongil) Ulsan Co. Ltd |
| Eastern Tankstore | Takara Petroleum & Chemical Co. Ltd. |
| Fujian Tian Petrochemical | TankQuid GmbH & Co. KG |
| Garolla SRL | Terminales Portuarias SL |
| IMTT | Terminal Quimico De Aratu S.A. - Tequimar |
| Industrie Generali Spa | Topsafe Petrochemical Logistics |
| Intercontinental Terminals Company LLC | Uniao Terminals e Armazens Gerais Ltda |
| Jiangsu Yangzhe Petroleum Co. Ltd. | Unishine Chemical Corp. |
| Kinder Morgan Liquids Terminals LLC | United Storage |
| LBC | Vopak Chemicals Logistics Belgium |
| Lee Chang Yung Chemical Ind - Corp. | Vopak Oil Logistics Europe & Middle East |
| Map Ta Phut Tank Terminal Co. Ltd. | Vopak Terminal ACS NV |
| Minzhongran Gangfeng Pteification Co. Ltd. | Vopak Terminal Botlek |
| Neochimiki SA | Vopak Terminal Teesside |
| Noord Natie Terminals | Yeosu Tank Terminal |
| NuStar Eastham Limited | Zhangjiagang Trans-Ocean Enterprise Co Ltd |
| NuStar Energy LP | |



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The Chemical Distribution Institute

StocExpo Turkey & the Black & Caspian Seas 2008

CDI Terminal Inspection



- Solventas
- Poliport
- Altintel Liman ve Terminal Isletmeleri AS

Financial Investment Companies have two choices:

1. Hold sufficient capital reserve to survive high risk investment, or
2. Make lower risk investment.

Chemical Companies also have two choices:

1. Carry the higher risk supply chain and accept liability, or
2. Apply a process of "Due Diligence" in selecting service providers

CDI



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.

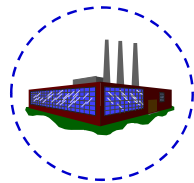
The 7 Management Codes

CDI



RESPONSIBLE CARE

- Employee H&S
- Process Safety
- Pollution Prevention
- Community Awareness



- Distribution
- Product Stewardship
- Security



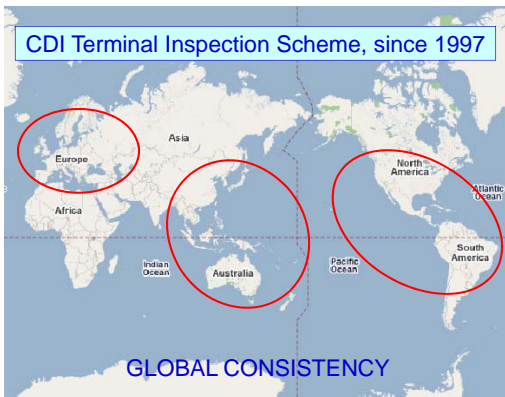
Product Stewardship

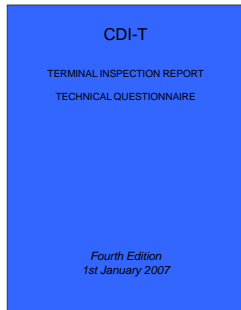
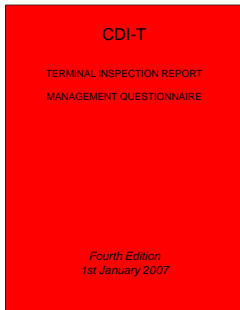
Being responsible for the products we produce. The manufacture, the distribution, the use of and the disposal – cradle to the grave.

Exercising Stewardship of the Supply Chain

- applying "Due Diligence"

CDI Terminal Inspection Scheme, since 1997





Valid for 3 years
Report remains open for the Terminal Manager to update the remarks and demonstrate progress with improvement plan

Chemical Distribution Institute - Terminals

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... improving safety and quality performance in bulk liquid storage.

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CDI ATTENTION

Electronic Report No. RC 0478, 20th November 2012

This is to confirm that the 20th November 2012 inspection of

Queen City Terminals, Inc.

10000 S. Nevada
City, UT 84226
was inspected by a CDI-T Accredited Inspector

ID: Maryn Nall

The report is issued in compliance with the requirements of the American Chemical Society's "Responsible Care Management System" Technical Specification document 2011-11-2002.

The electronic report is entered in the Phoenix database and is available to the Chemical Company Members of CDI-T for use in their risk assessment process. The report is valid for a period of 3 years from the date of inspection.

General Manager, CDI

20th November 2012

Date

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Eastbourne, Sussex E15 4BN,
England

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Fax: (44) 1483 281 474

Expiry Date: 20th November 2015

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Global Recession – a dangerous time

DANGER

- Cuts in manufacturing
- Less volumes being shipped
- More transport available
- Sub-standard operators can thrive

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Global Recession – a dangerous time

CAUTION

Bottom dollar freight brings exposure to
Unlimited Liability





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Global Recession – a *dangerous time*

Avoid temptation:
Retain “due diligence”
Retain the “Supply Chain Policy”
Retain “long term” service providers
Retain the “Licence to Operate”

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Global Recession – a *dangerous time*

CONCERN

In 2009:

- 2 Turkish tanker operators lost CDI agreements.
- 10 Turkish tankers in casualties this year.

Ships will fall back to the domestic trade, bringing risk to Turkish Terminals

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**Ship Vetting
for Storage Terminals**

- Rejected ships still trade
- Never before seen ships bring risk
- Look at the ships before they arrive



CDI-T Members can also use the CDI-M
Integrated Ship Inspection System (ISIS)





www.cdi.org.uk
