



SQAS



Safety and Quality Assessment System

Within

Tankcleaning Stations (TCS)



# Introduction LCnet



- Lauterbach established 1930
- 1977 Foundation of TCS in Berg/Germany
- 1992 Foundation LC Sokotrans a.s.
- 1995 Foundation of TCS in Sokolov
- 2003 Foundation of LC Slovaktrans/SK
- 2009 Foundation of LC Liquidlogistics/RO



# Quality and TCS



- Lauterbach Berg/Germany
  - TCS ISO 9001 certified since 1996
  - Officially SQAS assessed since 2001
- GS Sokotrans
  - LC Sokotrans Shareholder
  - Integrated in MS System of LC Sokotrans
  - SQAS assessed since 2005
- S.C. Logiserv srl./Rimnicu Vilcea-RO
  - Not affiliated with LC net
  - Linked through shareholders of LC Liquidlogistics
  - SQAS assessed since 2010

# Overview TCS's

- Germany
  - Total: 156      SQAS:119      (76%)
- Czech Rep.
  - Total: 7      SQAS: 7      (100%??)
- Slovakia
  - Total: 4      SQAS: 2      (50%)
- Romania
  - Total: 1 official SQAS: 1



# Advantages of SQAS



- For the Customer of TCS
  - Proper cleaning, due to standard cleaning procedures and regular checked equipment
  - ECD – highly accepted
  - Waste disposal upon legal regulations
  - Environmental friendly
  - Safe environment with strict rules



# Advantages of SQAS



- For TCS's
  - Higher efficiency due to standard cleaning procedures
  - Safe environment for staff and drivers
  - Increased attractivity due to ECD
  - Documentations can help in case of incidents
    - Claims of customers
    - Environment hazards
  - Strong EU regulations are met (safety, environment..)
  - Might help with insurance contracts



# Advantages for loading Stations



- ECD assures a proper cleaning
- Tank is in good condition
- Preload mentioned on ECD (Blacklisted Products)
- Cleaning method mentioned on ECD (hydrogen peroxide flushing, detergents used...)



# Disadvantages SQAS



- For Customers
  - Higher Prices (about 10%)
- TCS
  - Bureaucracy (Documentation etc.)
  - Investments
  - Costs of assessment

besides the assessm. those are one time things – once everything is running, it just needs maintenance



- Germany
  - 90% of loads need ECD
  - 80% of chemical producers require SQAS assess. Suppliers and therefore ECD
  - TCS (chemicals) without ECD is not feasible
- Eastern European Countries
  - I refer to:
    - „SQAS: Still in its Infancy in the Czech Rep.“ - Logistic News 02/2011
    - Chemlog feasibility study by Juraj Jagelcak