



CEDA International Corporation is one of the largest providers of specialized industrial maintenance, turnaround and construction services in North America. Since 1973, clients have relied on CEDA to deliver outstanding technical services that optimize their investments, improve their competitive position and increase their long-term success.

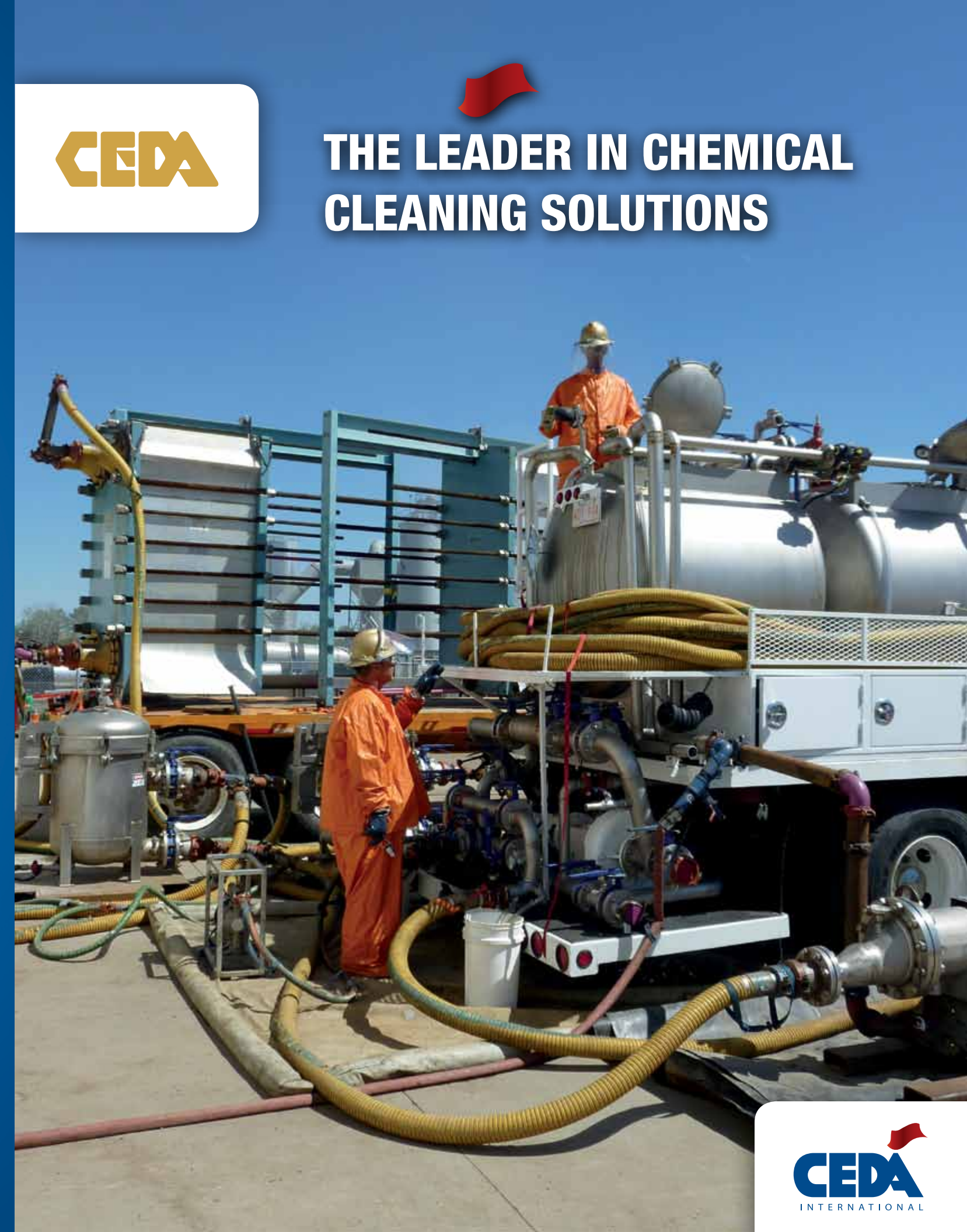
CEDA employs talented and passionate people who are committed 24/7 to delivering world class service through innovative technologies, equipment and processes, safely every time. CEDA is comprised of several subsidiary companies and has offices throughout Canada and the United States.

CEDA continues to invest time and money to develop new chemical cleaning procedures to help clients manage their industrial facilities more safely and efficiently. Why? Because our clients expect more and we need to deliver. CEDA's talented staff is relentless in its dedication to precision, new ideas and the safest delivery every single time.

cedagroup.com



**THE LEADER IN CHEMICAL
CLEANING SOLUTIONS**





SAFE WORK PROCEDURES AND EFFICIENT CLEANING MINIMIZES DOWNTIME



Founded in 1973, CEDA was one of the first companies in the world to provide chemical cleaning services to industrial facilities. CEDA's chemical cleaning processes will reduce exposure to toxic materials and environmental hazards while improving equipment efficiencies and downtime. CEDA combines highly trained employees and a large fleet of specialized equipment to consistently deliver safe, quick and effective chemical cleaning solutions to a range of industrial facilities throughout Canada and the United States.

EFFICIENT AND ECO-FRIENDLY

CEDA has developed a number of procedures for chemical cleaning projects to ensure safe and efficient cleaning and to minimize environmental impact. Our chemical cleaning technologies remove residual oils, corrosion, water hardness deposits and other items from process equipment without creating surface damage occasionally caused by traditional cleaning methods. Custom planned work schedules greatly minimize interruptions to facility production, and chemical formulations are carefully selected to be compatible with waste handling facilities. We also take environmental protection very seriously, with diligent planning and on-site waste treatment, which reduces disposal volume of waste products.

EXTENSIVE TRAINING

CEDA technicians are recognized as qualified chemical cleaning service technicians. These highly trained technicians undergo extensive core competency training — including more than 30 certifications — and adhere to strict maintenance procedures and equipment service documents. A team is selected for each project based on competency training, field experience and client requirements. Technicians also perform extensive internal and industry required safety training, as well as any client specific safety training.

SPECIALIZED EQUIPMENT

CEDA operates a fleet of specialized chemical cleaning equipment throughout North America. This equipment includes self contained mobile chemical cleaning units with high volume circulation pumps, mixing tanks, heating equipment and standby pumps. CEDA also owns portable laboratory equipment, portable heat exchangers, stainless steel pumping units and foam cleaning units.

CHEMICAL CLEANING SERVICES

- Pre-operational Chemical Cleaning
- Pre-operational Steam Blows
- Lube Oil System Flushing
- Vessel and Piping System Chemical Cleaning
- Fill and Circulate Cleaning/Passivations
- Vapor Phase Cleaning
- On-Stream Cleaning
- Cascading of Tower and Vessels
- Tank Cleaning
- Foam Cleaning
- Oxygen and Service Cleaning
- Pyrophoric Neutralization
- Tank Rentals
- Secondary Containment
- Storage Tank Remote Chemical Cleaning
- In-house Chemical Cleaning

LABORATORY SERVICES, CHEMICAL RESEARCH AND DEVELOPMENT

- CEDA chemists and laboratories analyze scale samples prior to jobs to ensure effective on-site results
- CEDA chemists provide on-site testing with portable laboratory equipment
- CEDA chemists use 300 proprietary formulations to develop cleaning products
- Perform professional sample research
- Provide detailed procedures, diagram of chemical cleaning flow loop and a marked P&ID's for every job

SUCCESSSES

Suncor Energy Oil Sands Facilities

- Fort McMurray, AB and Sarnia, ON
- Chemical Cleaning, Oil Flushing, Steam Blows

Syncrude Canada

- Fort McMurray, AB
- Chemical and Industrial Cleaning
- Oil Flushing, SteamBlows

Shell Canada Refinery

- Edmonton, AB and Sarnia, ON
- Chemical Cleaning

Imperial Oil Refinery

- Dartmouth, NS
- Chemical Cleaning, Vapor Phase Cleaning

Nova Chemicals Facilities

- Joffre, AB
- Chemical Cleaning

Lanxess Inc. Facilities

- Sarnia, Ont.
- Chemical Cleaning, Vapor Phase Cleaning

Irving Oil Refinery

- Saint John, NB
- Chemical Cleaning, Vapor Phase Cleaning

Chevron Gas Plants

- Carter Creek and Table Rock, WY
- Chemical Cleaning

Exxon Mobil Refinery

- Billings, MT
- Chemical Cleaning

Tesoro Refinery

- Mandan, ND
- Chemical Cleaning

Flint Hills Refinery

- Minnesota, MN
- Chemical Cleaning, Vapor Phase Cleaning, Fin Fan Foaming

Sinclair Refinery

- Rawlins, WY
- Chemical Cleaning, Vapor Phase Cleaning

