

# **Hazardous Materials in Project Development**

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## Abbreviations and Acronyms

### Hazardous Materials Abbreviations and Acronyms

Abbreviation or Acronym	Meaning
AA	Atomic Absorption
AAO	Agreed Administrative Order
AAS	Atomic Absorption Spectrometry
AASHTO	American Association of State Highway & Transportation Officials
ACGIH	American Conference of Governmental Industrial Hygienists
ACM	Asbestos Containing Material
AGC	Associated General Contractors
AHERA	Asbestos Hazardous Emergency Response Act
ANSI	American National Standards Institute
AO	Administrative Order
API	American Petroleum Institute
As	Arsenic
AST	Above-ground Storage Tank
ASTM	ASTM International
BACM	Best Available Control Measures
BACT	Best Available Control Technology
BMP	Best Management Practices
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CAA	Clean Air Act
CAS	Carbon Adsorption System Corrective Action Specialist (TCEQ PST program)
CAPM	Corrective Action Project Manager (TCEQ PST program)
CEQ	Council on Environmental Quality Regulations of 1978
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFR	Code of Federal Regulations
CIH	Certified Industrial Hygienist
CWA	Clean Water Act
DNAPL	Dense Non-Aqueous Phase Liquid
DSHS	Texas Department of State Health Services
EC	Electron Capture
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ERNS	Emergency Response Notification System (see NRC)
FID	Flame Ionization Detector
FIN	Facility Identification Number
FR	Federal Register
FWPCA	Federal Water Pollution Control Act
GC	Gas Chromatograph
GC/ITD	Gas Chromatography/Ion Trap Detector
GC/MS	Gas Chromatography/Mass Spectrometry

GIS	Geographic Information System
GPS	Global Positioning System
HAN	Heavy Aromatic Naphtha
HAZWOPER	Hazardous Waste Operations and Emergency Response
HC	Hydrocarbon
HCFC	Hydrochlorofluorocarbon
HRS	Hazard Ranking System
IDLH	Immediately Dangerous to Life or Health
IHW	Industrial Hazardous Waste
ISO	International Standards Organization
LEL	Lower Explosive Limit
LPST	Leaking Petroleum Storage Tank
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank (see LPST)
MCL	Maximum Contaminant Level
MSDS	Material Safety Data Sheet
MSW	Municipal Solid Waste Program
MSWLF	Municipal Solid Waste Landfill Facility
MTBE	Methyl Tertiary Butyl Ether
NAPL	Non-Aqueous Phase Liquid
NEPA	National Environmental Policy Act of 1969
NESHAPS	National Emission Standard for Hazardous Air Pollutants
NIOSH	National Institute for Occupational Safety and Health
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System (see TPDES)
NPL	National Priorities List
NRC	National Response Center
O/O	Owner / Operator
OSHA	Occupational Safety and Health Act of 1970 Occupational Safety and Health Administration
PAH	Polynuclear Aromatic Hydrocarbons Polycyclic Aromatic Hydrocarbons
Pb	Lead
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene
PEL	Permissible Exposure Limits
PID	Photo Ionization Detector
PLM	Polarized Light Microscopy
PNA	Polynuclear Aromatic Hydrocarbon
PNH	Polynuclear Aromatic Hydrocarbon
POTW	Publicly Owned Treatment Works
PPB	Parts Per Billion ( $\mu\text{g}/\text{kg}$ or $\mu\text{g}/\text{L}$ )
PPM	Parts Per Million ( $\text{mg}/\text{kg}$ or $\text{mg}/\text{L}$ )
PQL	Practical Quantitation Limit
PRP	Potentially Responsible Party
PS&E	Plans, Specifications and Estimates
PSH	Phase-Separated Hydrocarbons

PST	Petroleum Storage Tanks Petroleum Storage Tank Program
PSTR	Petroleum Storage Tanks Remediation (TCEQ PST program)
PSTRA	Petroleum Storage Tank Remediation Account
PSTRF	Petroleum Storage Tank Remediation Fund
PVC	Polyvinyl Chloride
QA	Quality Assurance
QC	Quality Control
RA	Risk Assessment
RCRA	Resource Conservation and Recovery Act of 1976
RD	Remedial Design
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RPST	Registered Petroleum Storage Tank
RP	Responsible Party
RPR	Responsible Party Remediation (TCEQ PST RPR program)
RQ	Reportable Quantity
RRC	Railroad Commission of Texas
SARA	Superfund Amendments and Reauthorization Act of 1986
SCS	U.S. Soil Conservation Service
SDWA	Safe Drinking Water Act
SEM	Scanning Electron Microscope
SIC	Standard Industrial Classification
SQG	Small Quantity Generator
STEL	Short Term Exposure Limit
SVOC	Semivolatile Organic Compound
SWDA	Solid Waste Disposal Act
TAC	Texas Administrative Code
TAHPA	Texas Asbestos Health Protection Act
TC	Total Carbon
TCAA	Texas Clean Air Act
TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality (formerly the TNRCC)
TDH	Texas Department of Health
TexReg	Texas Register
THC	Total Hydrocarbons
Title III	Emergency Planning & Community Right-to-Know Act of 1986
TNRCC	Texas Natural Resource Conservation Commission (see TCEQ)
TNRIS	Texas Natural Resources Information System
TOC	Total Organic Carbon
TPDES	Texas Pollutant Discharge Elimination System (see NPDES)
TPH	Total Petroleum Hydrocarbons
TRIS	Toxic Release Inventory System
TRRP	Texas Risk Reduction Program
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage and Disposal Facility
UIC	Underground Injection Control

USC	U.S. Code
UST	Underground Storage Tank (see PST)
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
VTCS	Vernon's Texas Civil Statutes

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