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LIST OF ACRONYMS AND ABBREVIATIONS

ACAMS	Automatic Continuous Air Monitoring System
ACS	Agent Collection System
ADAFC	ACAMS Dilution Air Flow Controller
AFB	Afterburner
ASC	Allowable Stack Concentration
ASME	American Society of Mechanical Engineers
ATB	Agent Trial Burn
AWFCO	Automatic Waste Feed Cutoff
BDS	Bulk Drain Station
Brine	Wet Scrubber Recirculation Brine
CAL	Chemical Assessment Laboratory
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CHB	Container Handling Building
CMA	Chemical Materials Agency
COC	Chain of Custody
DAAMS	Depot Area Air Monitoring System
DAL	Discharge Air Lock
DAQ	Department of Environmental Quality (State of Utah), Division of Air Quality
DCD	Deseret Chemical Depot
DDAFC	DAAMS Dilution Air Flow Controller
Decon	Spent Decontamination Solution
DFS	Deactivation Furnace System
DQO	Data Quality Objectives
DRE	Destruction and Removal Efficiency
DSHW	Department of Environmental Quality (State of Utah), Division of Solid & Hazardous Waste
EG&G	EG&G Defense Materials, Inc.
EPA	U.S. Environmental Protection Agency
HHRA	Human Health Risk Assessment
ID	Induced Draft
LIC	Liquid Incinerator
LOP	Laboratory Operating Procedure

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

MDB	Munitions Demilitarization Building
MPB	Munitions Processing Bay
MPF	Metal Parts Furnace
PAS	Pollution Abatement System
PCC	Primary Combustion Chamber
PDARS	Process Data Acquisition and Recording System
PLC	Programmable Logic Controller
PM	Particulate Matter
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
R315	Utah Administrative Code Section 315
RCRA	Resource Conservation and Recovery Act
SCC	Secondary Combustion Chamber
SDS	Spent Decontamination Solution System
STDT	Spray Tank Demonstration Test
SW-846	Test Methods for Evaluating Solid Waste, 3rd Edition including Update III, USEPA, SW-846, December 1996.
TCLP	Toxic Characteristic Leaching Procedure
TMA	Toxic Maintenance Area
TOCDF	Tooele Chemical Agent Disposal Facility
TSCA	Toxic Substance Control Act
TSDF	Treatment Storage and Disposal Facility
TWA	Time Weighted Average
UPA	Unpack Area

LISTS OF UNITS AND MEASUREMENTS

acfm	Actual Cubic Feet Per Minute
Btu/hr	British Thermal Units per hour
Btu/lb	British Thermal Units per pound
cp	CentiPoise
cfm	Cubic Feet Per Minute
°C	Degree Centigrade
°F	Degree Fahrenheit
dscf	Dry Standard Cubic Feet
dscfm	Dry Standard Cubic Feet Per Minute
dscm	Dry Standard Cubic Meter
ft	Foot
g	Gram
g/sec	Grams Per Second
gal	Gallon
gpm	Gallons Per Minute
gr/dscf	Grains Per Dry Standard Cubic Foot (1 atm, 68 F)
hp	Horsepower
in. Hg	Inches of Mercury
in.wc	Inches of Water Column
L	Liter
L/m	Liters Per Minute
µg	Microgram
m^3	Cubic Meter
mg	Milligram
mL	Milliliter
mm	Millimeter
N	Normal
ng	Nanogram
ppb	Parts Per Billion
ppm	Parts Per Million
ppmdv	Parts Per Million on a Dry Volume Basis
ppt	Parts Per Trillion
lbs./hr	Pounds Per Hour
psig	Pounds Per Square Inch Gauge
ΔP	Velocity Pressure

LIST OF CHEMICAL SYMBOLS AND FORMULAS

Agent VX	O-ethyl-S-(2-diisopropylaminoethyl) methylphosphonothiolate
Al	Aluminum
Ag	Silver
As	Arsenic
B	Boron
Ba	Barium
Be	Beryllium
Cd	Cadmium
Cl^-	Chloride
Cl_2	Chlorine
CO_2	Carbon Dioxide
CO	Carbon Monoxide
Co	Cobalt
Cr	Chromium
Cu	Copper
HNO_3	Nitric Acid
Hg	Mercury
HCl	Hydrogen Chloride
H_2O_2	Hydrogen Peroxide
$KMnO_4$	Potassium Permanganate
Mn	Manganese
NaOCl	Sodium Hypochlorite
NaOH	Sodium Hydroxide
H_2SO_4	Sulfuric Acid
Ni	Nickel
O_2	Oxygen
P	Phosphorus
Pb	Lead
PCBs	Polychlorinated Biphenyls
PCDD	Polychlorinated Dibenzo-p-dioxin
PCDF	Polychlorinated Dibenzofurans
Sb	Antimony
Se	Selenium
Sn	Tin
Tl	Thallium
V	Vanadium
Zn	Zinc

LIST OF IDENTIFICATION CODES FOR MPF INSTRUMENTS MONITORING REGULATED OPERATING PARAMETERS

14-TIC-152	PCC Temperature Zone 1
14-TIC-141	PCC Temperature Zone 2
14-TIC-153	PCC Temperature Zone 3
14-PIC-070	PCC Pressure
14-PSHH-034	PCC Pressure High-High
14-TIT-010	PCC Exhaust Gas Temperature
14-TIC-065	Afterburner Temperature
14-PDIT-786	Afterburner Exhaust Gas Velocity Pressure
24-TIT-509	Quench Tower Exhaust Gas Temperature
24-TSHH-223	Quench Tower Exhaust Gas Temperature High-High
24-PDIC-222	Venturi Scrubber Differential Pressure
24-FIC-218	Quench Brine To Venturi Scrubber Flow Rate
24-PIT-233	Quench Brine Pressure
24-FIC-248	Clean Liquor to Scrubber Tower Sprays Flow
24-PIT-258	Clean Liquor Delivery Pressure
24-DIC-216	Quench Brine Density
24-AIC-224	Quench Brine pH
14-AIT-384M	Exhaust Gas CO, 1 minute average corrected to 7% O_2
14-AIT-384H	Exhaust Gas CO, 60 minute rolling average corrected to 7% O_2
24-AIT-669M	Exhaust Gas CO, 1 minute average corrected to 7% O_2
24-AIT-669H	Exhaust Gas CO, 60 minute rolling average corrected to 7% O_2
14-AIT-082	Exhaust Gas O_2
24-AIT-670	Exhaust Gas O_2
14-KI-786*	Afterburner Residence Time
24-AIC-247*	Clean Liquor pH

* Non-Regulated Instrument reported at the request of DSHW