

HAZMAT QUICK REFERENCE

PPE LEVELS

Level A: SCBA + encapsulating
Use for: Unknown, highly toxic

Level B: SCBA + splash suit
Use for: Known, less toxic

Level C: APR + splash suit
Use for: Known, <IDLH

SCBA TIMINGS

30-min bottle = ~25 min work time

WARNING 10 min: Check air supply

WARNING 20 min: Consider exit

ALERT 25 min: EXIT NOW!

Always maintain buddy system

Exit with 25% reserve minimum

RADIATION LIMITS

Investigation: 50 uR/hr

Event Threshold: 2 mR/hr

Dose Limits (emergency):

* Task limit: 5 R

* Life saving: 25 R

Time, Distance, Shielding!

4-GAS METER ALARMS

Sensor	Low	High
O2	19.5%	23.5%
LEL	10%	20%
CO	35 ppm	200 ppm
H2S	10 ppm	20 ppm

EXIT on ANY alarm!

3-ZONE MODEL

HOT ZONE: Contaminated area, PPE required

WARM ZONE: Decon corridor, support

COLD ZONE: Safe area, command post

Wind considerations: Upwind/uphill

ERG CRITICAL GUIDES

Guide 111: Radioactive materials

Guide 117: Water-reactive flammables

Guide 124: Toxic compressed gases

Guide 157: Infectious substances

Use GREEN pages for TIH isolation!

EMERGENCY CONTACTS

CHEMTREC: 1-800-424-9300

NRC (Nuclear): 1-800-424-8802

Poison Control: 1-800-222-1222

Have UN# and chemical name ready!