

“Casualty to Patient”

DECONTAMINATION LINE
SET-UP FOR HOSPITALS

Decontamination Definition

The process of removing
or neutralizing
contaminants that have
accumulated on personnel,
property, and equipment

Louisiana National Guard



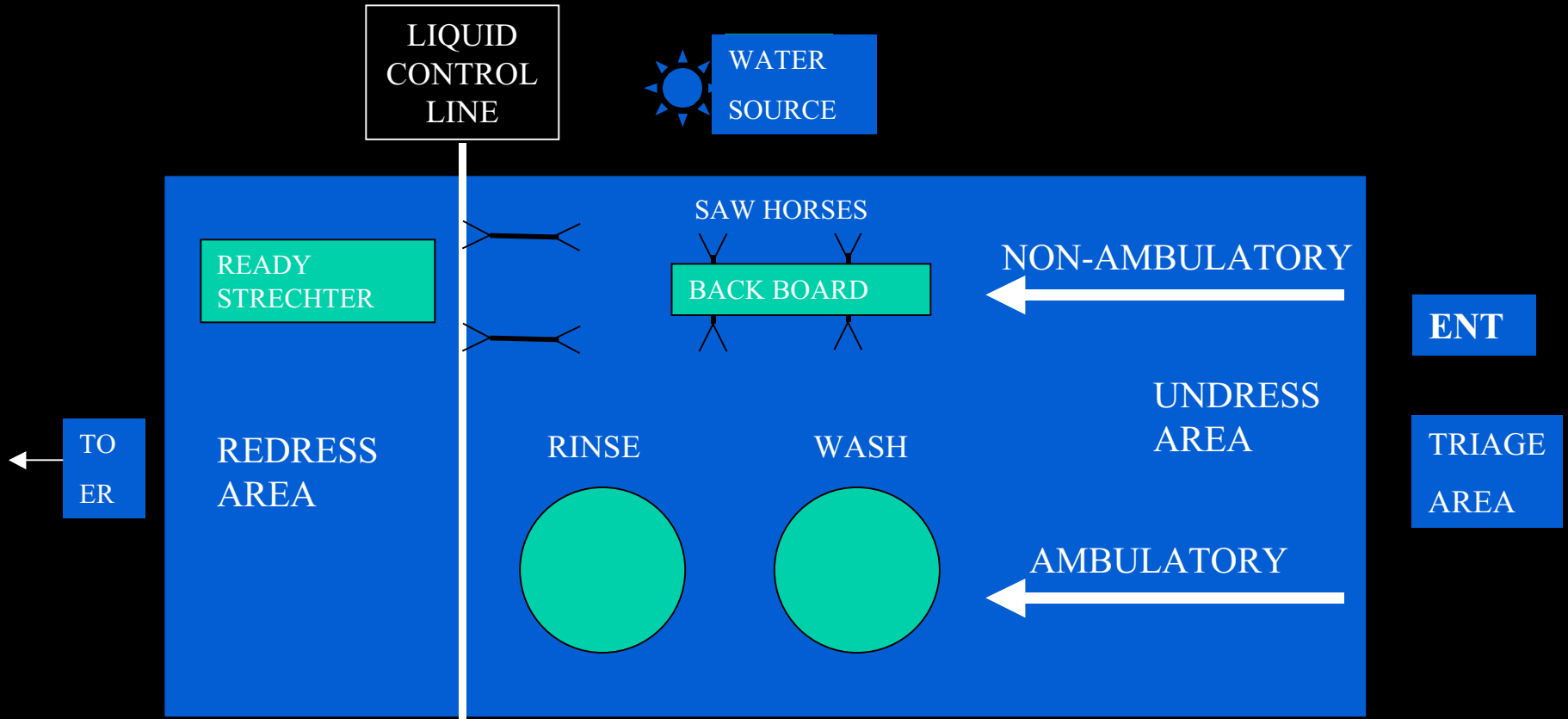
“Dragon Slayers”

Decontamination Priorities

1. Protection of your facility
2. Treatment of patients

PROTECT YOUR WORKERS!

Decontamination Line Layout



Equipment Categories

- Personal Protective Equipment
- Decon Expendables
- Water Supply
- Containment
- Medical Supplies
- Power / Lighting / Cover
- Training

Personal Protective Equipment

- Protective suits (Level B type)
- Full face masks
- Chemical overboots
- Butyl rubber gloves (7 mil)
- Nitrile under-gloves
- Tape for seams
- Filters for respiratory protection

Decon Expendables

- Scrub brushes, sponges, and 5 gallon buckets
- Plastic sheeting cut to size with berm system
- Containment pools and flooring grids (to stand on)
- Saw horses or roller system (for non-ambulatory)
- Litters or backboards
- Sprayers (wash and rinse)
- Sump pump and waste holding tank
- Decontamination solutions
- Clear plastic trash bags, duct tape, marking cones
- Cutting tools (j-knives or penny cutters)
- Medical supplies
- Sheets or paper scrubs for clothing clean patients

Water Supply

- Hoses from building with sprayers
- Fire hoses from hydrant with sprayers
- Standby fire truck
- 5-10 gallon garden sprayers
- Must have capability to mix in decon solutions

Runoff Containment

- Plastic 55 gallon drums with pumping system
- Built in containment tank
- Bermed containment pool
- Power sources must be considered for wastewater pumping systems

Medical Supplies

- Bandages
- Splints
- Acute care meds
- Drapes

- All dressings must be changed during decon and fresh dressings applied
- Keep med supplies located in the clean (cold) zone until called for

Power / Lighting / Cover

- Power sources may be needed for:
 - Pumping wastewater
 - Powered sprayers
 - Lighting
- Lighting may be necessary for:
 - Decon dark hours
 - Wound inspection
- Cover may be needed for:
 - Hot climate
 - Privacy protection

Training Words of Wisdom

- There is no replacement for training.
- A trained staff with no equipment is better than an untrained staff with unlimited equipment.
- There must always be redundancy of trained personnel.
- Hands on practice is the best training.

“Dragon Slayers”



Military Decon Equipment

Treatment Meds

NOMENCLATURE/NSN	AMOUNT
Atropine Inj. 0.70L/6505-00-926-9083	500 ea
Pralidoxime Chloride/6505-01-125-3248	100 ea
Boric Acid 5%/6505-01-153-3012	36 tu
Sodium Nitrite/6505-01-206-6009	12 pg
Sodium Thiosulfate/6505-01-206-6010	12 pg
Diazepam/6505-01-274-0951	3 pg
Atropine Sulfate/6505-01-332-1281	1 pg
Infusion Set Size: 2/6515-00-089-2791	60 ea
Airway Pharyn LGE/6515-00-300-2900	6 ea
Airway Pharyn SM/6515-00-300-2910	6 ea
Syringe Hypo 10 ml/6515-00-754-0412	.6 pg
Needle Hypo 18 ga/6515-00-754-2834	1.2 bx
Suction Apparatus/6515-01-076-3577	4 ea
Resuscitator Hand/6515-01-338-6602	4 ea
Syringe Hypo 50 ml/6515-01-280-2320	1 pg
Chest No. 4/6545-00-914-3490	3 ea
Gloves Chem/8415-01-138-2502	2 pr
Gloves Chem/8415-01-138-2503	2 pr
Bag Chem Cas/8465-01-079-9875	12 ea

Decon Kit Contents

NOMENCLATURE/NSN	AMOUNT
M291 SDK/4230-01-276-1905	2 bx
Bandage Scissors/6515-00-935-7138	6 ea
Syringe Hypo/6515-01-280-2320	.6 pg
Litter Support/6530-00-660-0034	4 pr
Chest No. 4/6545-00-914-3490	1 ea
Chest No. 6/6545-00-914-3510	1 ea
M9 Chem Agt Paper/6665-01-049-8982	1 ro
Calcium Hypo/6810-00-255-0471	48 bo
12 qt Pail/7240-00-773-0975	10 ea
Sponge Cellulose/7920-00-884-1115	6 ea
Bag Plastic/8105-00-191-3902	2 ro
Plastic Sheet/8135-00-618-1783	2 ro
Work Gloves MED/8415-00-268-8353	25 pr
Work Gloves SM/8415-00-258-8354	25 pr
Black Pencils/7510-00-240-1526	2 dz