

The specs for the Type IV are here:

https://www.fs.fed.us/t-d/programs/fire/documents/0006/6170_6H.pdf

For reference the contents requirements for 29CFR1910.266 are here:

https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9863

As you can see the Type IV provides more than is required. However we run into problems when we get into FS policy in FSH6709.11:

21.22 - First Aid Equipment

Ensure that first aid/body fluid barrier kits (also referred to as a first aid kit) are available at each work site, whether in the field or office (refer to the Glossary).

1. *Train one or more persons to render first aid, including CPR.*
2. *Ensure that a competent person checks first aid supplies and equipment at regular intervals and restocks as needed, paying particular attention to those items with expiration dates.*
3. *Select first aid supplies for the worksite based on the remoteness from medical facilities and anticipated types of injuries that can occur. For sites with chain saw operations, as a minimum, supply Type IV (belt) first aid kit(s).*
4. *Where employees may be exposed to injurious corrosive materials, provide facilities for quick flushing of the eyes at the work area. Maintain all eyewash stations in accordance with the ANSI Z358.1 and inspect them per the manufacturer's instructions. Conduct frequent inspection and maintenance of squeeze bottles since they lose water through evaporation, become contaminated, and are easily misplaced (sec. 61.25 para. 4).*

Under **22.48d - Equipment Requirements** we did effectively eliminate the Type IV and referenced 266:

c. Required Additional Equipment. The following additional equipment is required for chain saw operations:

- (1) *A first aid kit that meets OSHA standards (29 CFR 1910.266, Appendix A).*
- (2) *A chain saw bar wrench.*
- (3) *A chain file with a handle and guard.*
- (4) *An approved safety container for chain saw fuel.*

(5) Proper wedges for the specific sawing project or activity. Wooden wedges are not permitted.

(6) A 3-to-5-pound single bit axe. Custom tools, ('pounders') are not acceptable.

I am not really concerned that section 21.22 contradicts 22.48d as we will correct that reference when 6709 is revised. What is important is that we can now directly meet 266 which will result in less bulk and perhaps the sawyer actually carrying the required kit in their day pack. When Dennis and I work discussing this we really thought we might be able to emulate battlefield use of soldier kits by including contents meant to reflect 266 requirements package in a form factor that could be carried in a thigh cargo pocket.....just like a soldier. That way everyone has their own kit which is immediately accessible to first responders.

A comparison if the contents of the REI kit vs Type IV

Comparison between REI Backpacker Kit and NFES Type IV kit.

Surprisingly, considering the size and weight difference, the REI is pretty well equipped and compares favorably with the Type IV kit. It contains most the important bandages and hardware. **Significantly it does not contain any kind of CPR barrier** (required by 266) or tourniquet, although there is room to add both. A body fluid barriers kit is available from DLA.

Nomenclature	UI	Type IV Kit	REI Kit
Antiseptic kit	Bag	1	
bottle povidone iodine		1	
povidone iodine swabs		4	6 towelettes
gauze pads		6	3
nonstick pads		6	
Body fluids barrier kit	Bag	(2)	
pair gloves		4	
face shield		2	
mouth to mouth barrier		2	
antiseptic towelettes		4	6
biohazard disposal bag		2	
<u>Bandages</u>			
1x3 Woven adhesive	Each	25	14 (shear not woven)
Knuckle	Each	12	10
½x2-3/4 Butterfly	Each	16	5
2 in. x 4 yds. Elastic	Roll	4	2
Triangular	Each	2	1
Bandage compress	Each	2	1
2 in. x 5 yd. Elastic support	Roll	1	1
Combine dressing	Each	3	1

Other items

Non-Latex gloves*	Pair	2	1
½ in. x 2-1/2 yds. Adhesive tape	Roll	3	
4x4 Moleskin	Each	4 (bagged)	4
Cold pack, chemical	Each	2	
Eye wash solution	Bottle	2	
Tincture of green soap	Bottle	2	
Calamine lotion	Bottle	2	
Aspirin	Packet (2 tablets)	15	
Acetaminophen	packet (2 tablets)	15	3 packet
Patient information tag	Each	2	2
Forceps	Each	1	1
Paramedic shears	Each	1	1
Lead pencil	Each	1	1
Splint	Each	1	1
Blanket	Each	1	

Instructions

Mouth-to-mouth barrier use	Each	1	
First aid manual	Each	1	1
Contents list	Each	1	

Not In NFES Kit

Absorbent pads			2
Antibiotic ointment			6 squeeze pkt
Bite and sting			4 towelettes
Ibuprofen			3 packets
Antacid			3 packets
Antihistamine			3 packets
Empty pill bottles			2
1" x 5 yds (approx.) tape			1 roll
Anti-diarrhea			2 packets
Salt tablets			1 packet
Hand wash			1 towelette
Anti-itch cream			2 packets
Burn cream			2 squeeze pkt
Aloe Vera cream			1 tube

More than you asked for but it's how I roll...