SECTION 8-C
NON-COMPATIBLE CONNECTIONS: LIFELINES AND LANYARDS

The examples below of “Non-Compatibility” use of lifelines and web lanyards are prohibited by OSHA and ANSI standards because they create unforeseen hazards that can result in serious injury or death. The combination of non-compatibility connections are endless and we have selected some that are commonly found in use. When you are not sure if a connection is compatible, examine the instructions for the component. The recommended method of connecting will be clearly stated.

DO NOT MAKE THESE KIND OF CONNECTIONS...

INTERESTING FACT!
A knot can reduce the tensile strength of a rope by as much as 60% depending on the type of rope!

Fig. 1
...two lines together

Fig. 2
...lifeline to an eye thimble

Fig. 3
...lifelines with a carabiner or snap hook

Fig. 4
...lifeline or lanyard to a horizontal or vertical line

Fig. 5
Do not allow a knot in the lifeline between the rope grab and the anchor point.

Fig. 6
Do not allow knots in a web lanyard

Fig. 7
DO NOT TIE A LIFELINE TO:

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Fig. 12
Snap hook or Carabiner

Fig. 13
Anchor Devices

Fig. 14
Wrapping a lifeline / lanyard around something or allowing it to come in contact with a sharp edge can cause the line to wear prematurely or break when subjected to a fall as shown in Fig. 16.

Fig. 15

Fig. 16
Steel Beam or Steel Framing

DID YOU KNOW...
A masonry fireplace is not a structurally sound tie-off point for a lifeline?

SAFETY STATISTIC:
Several deaths have occurred because a worker tied his lifeline to a parked vehicle!

THESE CONNECTIONS ARE NOT COMPATIBLE --- DO NOT USE!

*See Definitions, Page 21