**STEP 1**
Unpack all items from box and identify the following: Note, if Baynets is supplied as a two cable system, the associated hardware will be half that shown below.

- A. Net (2 per installation)
- B. 3/8" Wire Cable length attached to cab-lug (4 per installation)
- C. Cable Clamps (12 per installation), Thimbles (4 per installation)
- D. Turnbuckles (4 per installation)
- E. Quick Links (quantity dependant on net length)
- F. Snap Hooks 120 mm (10 per installation)
- G. Wall Anchor Assembly (1 per drain pan)
- H. Mid-Bay Cable Pad Eyes with Snap Hooks, 80 mm (8 minimum)
- I. Cab-Lug (4 per installation)
- J. Drain Pan Anchor Assembly (1 per drain pan)

**Tools Required:** Tape measure and marker, two vice-grips, two crescent wrenches, torque wrench, cable shears, protective gloves and safety glasses.

**STEP 2**
Weld the number one and two cab-lug with the cable attached to the upper right and left corners in a horizontal position. See overall view and assembly details.

- Proceed to the measured mid-section of the bay and weld the number three and four cab-lugs in a horizontal position with the chamfered corners facing out.
- Repeat cab-lug installation for the opposite half of the bay (2nd net) in the same manner. See overall view and assembly details.

**STEP 3**
Weld the mid-bay pad eyes to the side walls of the bay in-line with the corner cab-lugs. Space the pad eyes evenly with no more than 15 ft between pad eyes.

- Attach a 80 mm snap hook to each mid-bay pad eye. See overall view and assembly Detail C.

**STEP 4**
Weld two pad eyes to the drain pan as close to in-line as possible with the previously installed cab-lugs. See Detail A & B showing recommended assembly. The attachment method necessary for your drain pan may vary from the illustration shown.

- Slide the 5/8" steel rod through the two pad eyes and weld into place. If necessary, trim rod ends so they will not interfere with Baynet or drain pan operation.

**STEP 5**
Weld the drain pan wall anchor pad eyes into place as shown in Detail A & B. Provide a 2 inch offset between pad eyes. Attach a snap hook to the drain pan pad eye.

**STEP 6**
Unscrew both sides of turnbuckle to its limit, then attach the jaw end of the turnbuckle to the cab-lug (without cable). Repeat on each side. See assembly Detail D.

- Twist open a thimble and attach it to the eye of the turnbuckle; twist closed using two pair of pliers or vice-grips.

**STEP 7**
Run the cab-lug attached cable assembly down the length of the bay and through the mid-bay 80 mm snap hooks. Repeat on each side. See overall view.

- Place three cable clamps on the free end of the cable. Thread the cable through the turnbuckle, around the thimble and through the cable clamps. See Detail E.
- Pull slack out of the cable by hand and tighten one clamp to hold cable in place. Position the cable clamps correctly as shown in Details E & F.
- Tighten the cable clamps. Repeat with the other cable assemblies. Trim any excess cable.

**STEP 8**
Tighten each turnbuckle with two crescent wrenches, turning with one wrench while holding the cable stationary with the second wrench. Use care not to twist the cable. Tighten the turnbuckle until the cable can be moved no more than 2" vertically at the midway point of the cable.

**STEP 9**
Attach each net to the cable using quick links along the two long sides every 15" on center. Use the aluminum rings on the net as a guide. See overall view and Detail G.

**STEP 10**
Install the 120 mm snap hooks to each corner of the net. Install a center snap hook on the drain pan side of the net and two equally spaced snap hooks to adjoin the two nets. Secure snap hooks as shown to the cab-lugs and drain pan rod. The 120 mm spring snap hooks will stay affixed to the net assembly. Secure the drain pan to the bay wall with the drain wall pan anchor.

- When a technician moves the net, they will unsnap the net from the cab-lugs or drain pan to gain access to either end of the vehicle. See overall view.

**STEP 11**
Following installation, your BayNets Safety System should be checked on a regular schedule for tightness of all cables and clamps. The netting should be replaced if it becomes torn or stretched out of shape.
InCord BayNETS provide an easy, effective tool for open pit safety and promote safer work habits in the hazardous area of your service center.

BayNETS are designed to catch and cradle a person falling into the floor opening. They are fabricated of specially treated, petroleum-resistant synthetic web, installed with aircraft cable and hardware. Once installed, the patented BayNETS Safety System® has a tensile strength of over 3 tons.
**BNS38-D2 Four Cable Baynets Safety System**

**Detail A**
- **WALL ANCHOR ASSEMBLY**
- **INSTALL PAD EYES 2" OC**
- **TYPICAL INSTALLATION SHOWN**
- **CAB-LUG**
- **DRAIN PAN ANCHOR ASSEMBLY**
- **DRAIN PAN**
- **WELD PAD EYE TO DRAIN PAN**
- **5/8" ROD**
- **SNAP HOOK**
- **PAD EYE**

**Detail B**
- **DRAIN PAN**
- **WELD ROD TO TOP OF PAD EYE**

**Detail C**
- **DRAIN PAN ANCHOR ASSEMBLY**
- **CABLE LUG WITH CABLE**
- **INSTALL HORIZONTAL CABLE CLAMPS**
- **CABLE CLAMPS**
- **WIRE CABLE**
- **QUICK LINK**
- **BAY NET**
- **MID-BAY SNAP HOOKS AND QUICK LINKS**
- **PASS CABLE THROUGH MID-BAY**
- **EXPAND TURNBUCKLE TO 1/2" LIMITS BEFORE INSTALLING**

**Detail D**
- **CAB-LUG**
- **1/2"**
- **1/2"**
- **THIMBLE**

**Detail E**
- **MID-BAY PAD EYE WITH SNAP HOOK**
- **INSTALL HORIZONTAL CABLE CLAMPS**
- **CABLE CLAMPS**
- **WIRE CABLE**
- **QUICK LINK**
- **BAY NET**
- **MID-BAY SNAP HOOKS AND QUICK LINKS**

**Detail F**
- **MOUNT FOUR CAB-LUGS IN UPPER CORNERS OF PIT AND FOUR CAB-LUGS WITH CABLES ADJACENT TO EACH OTHER AT MID-BAY**
- **TURNBUCKLE WITH CABLE ASSEMBLY**
- **TIGHTEN CABLE FOR 2" PLAY**

**Detail G**
- **QUICK LINKS SPACED EVERY 15" OC AT ALUMINUM HOG RINGS**
- **SNAP HOOKS ON EACH SIDE AND TWO IN CENTER**
- **INSTALL CABLE CLAMPS AS SHOWN**

**Main View**
- **BNS38-D2 Four Cable Baynets Safety System**
- **CAB-LUG**
- **MID-BAY PAD EYES WITH SNAP HOOKS – MAX 15 FT**
- **2" CABLE PLAY AT MID POINT**
InCord BayNETS provide an easy, effective tool for open pit safety and promote safer work habits in the hazardous area of your service center.

BayNETS are designed to catch and cradle a person falling into the floor opening. They are fabricated of specially treated, petroleum-resistant synthetic web, installed with aircraft cable and hardware. Once installed, the patented BayNETS Safety System® has a tensile strength of over 3 tons.
**BNS38-D2 Two Cable Baynets Safety System**

- **Detail A:**
  - CAB-LUG with cable
  - Drain pan anchor assembly
  - Weld pad eye to drain pan
  - 5/8" rod
  - Snap hook
  - Pad eye
  - Typical installation shown

- **Detail B:**
  - Drain pan anchor assembly
  - Weld pad eye to drain pan
  - 5/8" rod
  - Snap hook
  - Pad eye
  - Install cable clamps as shown

- **Detail C:**
  - Mid-bay pad eye with snap hooks
  - Pass cable through mid-bay snap hooks and quick links
  - Quick link
  - Wire cable

- **Detail D:**
  - CAB-LUG
  - Expand turnbuckle to 1/2" limits before installing
  - Thimble

- **Detail E:**
  - Install horizontal
  - Cable clamps

- **Detail F:**
  - Turnbuckle with cable assembly
  - Tighten cable for 2" play

- **Main View:**
  - BNS38-D2 Two Cable Baynets Safety System
  - Install cable clamps as shown
  - Mount all CAB-LUGs in upper corners of pit
Certificate of Warranty

This Certificate of Warranty for the specified model BAYNETS Safety System becomes valid and Warrants to the purchaser to be free from defects in workmanship and materials for a period of 12 months from date of installation. This warranty does not cover failures resulting from misuse, abuse, and alterations of the BAYNETS Safety System with improper components or failure to comply with the proper installation as set forth in the Installation Instructions.

To make claim under this warranty, the purchaser must notify BAYNETS, at its office at 226 Upton Road in Colchester, Connecticut. The claim will be evaluated and if bona fide, further instructions will be issued. BAYNETS obligation under this warranty is limited to the option of repairing at its plant or supplying a replacement for component part(s) of the BAYNET System.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to twelve months from the purchase and to the extent permitted by law any and all implied warranties are excluded. This is the exclusive remedy and liability for consequential and incidental damages under any and all warranties are excluded to the extent exclusion is permitted by law. Some states do not allow limitations on how long an implied warranty lasts, or the limitation or exclusion or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

BayNets Safety System Specifications

Netting ...................... 5 mm High Tenacity Multi-filament Polypropylene raschel netting with a mesh bar burst strength of 3.2 kN (719 lbf)
Mesh ........................... 2.5 inch (60 mm) square
Rope .......................... 1/2 inch diameter Polyolefin synthetic rope with 5900 lb break strength. The rope is woven through the perimeter mesh of the net and attached with aluminum pressed rings, 15 inch o.c.
Cable .......................... 3/8 inch 7x19 galvanized aircraft cable (7,000 lb breaking strength)
Quick Link ..................... 3/8 inch at 15 inch intervals (2,650 lb safe working load)
Spring Snap Hook ............ 7/16 inch (500 lb safe working load)
Frame .......................... The frame for the net is made from 3/8 inch aircraft cable and consists of #2 pad eyes and cab-lugs (2,600 safe working load) with 1/2 inch x 6 inch J&E turnbuckles (2,200 safe working load) at one end and 3 Crosby clips at the termination end. The frame is supported with additional pad eyes and snap hooks at approximately 15’ o.c. to reduce the sag of long cable runs.
Overall System ............ The resultant safe working load exceeds normal standards by a safety ratio of 10 to 1 (approximately 6,900 lb breaking strength).