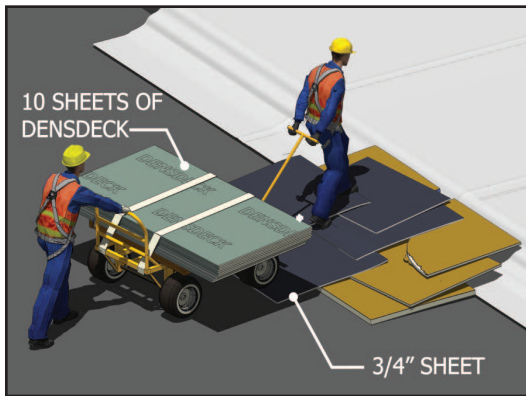


# Knowledge Test

Recall Snyder's ergonomics program, and answer true or false for the following statements for recommended safe cart handling practices:



1. ISO is a less reliable ramp material than plywood. **T / F**

---

2. Before starting the job, proper material should be on site for building a ramp. **T / F**

---

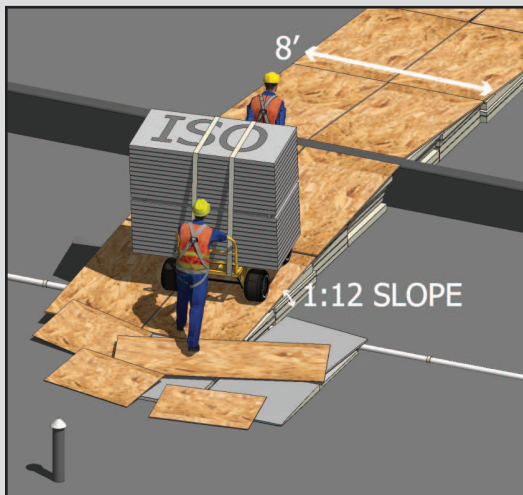
3. Ten sheets of Densdeck 4' x 8' weigh up to 800 lbs. (Reminder: read cart tag) **T / F**

---

4. Moving 10 sheets of Densdeck 4' x 8' on a FLAT SURFACE requires 2-person teamwork. **T / F**

---

5. A 3-person teamwork is typically needed to overcome this POORLY set-up ramp when pushing/pulling 10 sheets of Densdeck 4' x 8'. **T / F**



1. Foreman should first consider the possibility of cutting expansion/control joint to ensure cart pathway is free of obstacles. **T / F**

---

2. This ramp and bottom landing are set up properly. **T / F**

---

3. Two bundles of ISO weigh up to 450 lbs. (Reminder: read cart tag) **T / F**

---

4. Moving 2 bundles of ISO 4' x 8' on a FLAT SURFACE typically does not require a buddy system. **T / F**

---

5. A 1:12 ramp is gentle, so there is no need to add more workers for team pulling/pushing. **T / F**



1. Storing materials in hallways/passages creates a tight space for cart movement. **T / F**

---

2. The recommended clearance on both sides of hallways/passages is 2'. **T / F**

---

3. One pallet of Modified Bitumen Roofing weighs 2,500 – 3,000 lbs. (Reminder: read cart tag) **T / F**

---

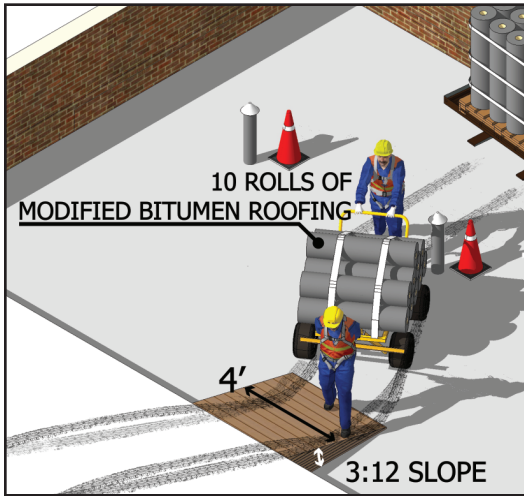
4. Moving 1 pallet of Modified Bitumen Roofing on a FLAT SURFACE typically requires 2-person team pulling/pushing. **T / F**

---

5. 3-person team pushing/pulling is needed to move 1 pallet of Modified Bitumen Roofing in the situation shown in this figure. **T / F**

# Knowledge Test

Recall Snyder's ergonomics program, and answer True/False (T/F) for the following statements for recommended safe cart handling practices:



1. The ramp should be wider than 4'. **T / F**

---

2. The materials or cart could fall off if a ramp is too narrow. **T / F**

---

3. Ten rolls of Modified Bitumen Roofing weigh up to 650 lbs. (Reminder: read cart tag) **T / F**

---

4. Moving 10 rolls of Modified Bitumen Roofing on a FLAT SURFACE typically requires 2-person team pulling/pushing. **T / F**

---

5. When rolling up this 3:12 ramp, 3-person team pushing/pulling is needed to move 10 rolls of Modified Bitumen Roofing. **T / F**



1. A cluttered workspace presents low risk for cart movement. **T / F**

---

2. Team leader needs to signal start and stop to maintain good control of heavy loads. **T / F**

---

3. When appropriate, worker can depend on cart momentum to roll up an obstacle. **T / F**

---

4. Worker should allow at least a 2-foot run to build enough cart momentum to roll up an obstacle. **T / F**

---

5. The use of a poorly maintained cart could easily double the force required to push or pull, so it is important to inspect carts prior to use and carry out maintenance as needed. **T / F**



1. One pallet of Perma Board weighs 2,800 lbs. (Reminder: read cart tag) **T / F**

---

2. Moving one pallet of Perma Board on a FLAT SURFACE typically requires 2-person team pulling/pushing. **T / F**

---

3. In a tight space like a narrow passage, 3-person team pushing/pulling is typically needed to move one pallet of Perma Board. **T / F**

---

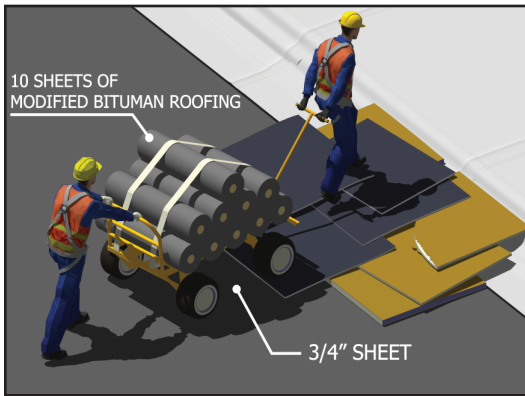
4. Job rotation is recommended when handling heavy materials like Perma Board because this practice can prevent workers from being repeatedly exposed to overexertion stressors. **T / F**

---

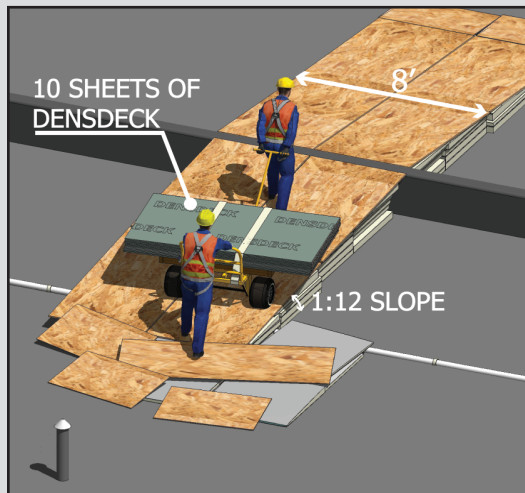
5. Job rotation provides opportunity for workers to develop different skill sets and help them become more productive. **T / F**

# Knowledge Test

Recall Snyder's ergonomics program, and answer true or false for the following statements for recommended safe cart handling practices:



1. Because worker cannot depend on cart momentum when going up a ramp, a cart could be easily stopped by obstacles or gaps between ramp materials. **T / F**
2. The 3/4" obstacles between ramp materials are small and present minimal overexertion risk for cart movement. **T / F**
3. Ten rolls of Modified Bitumen Roofing weigh 650 – 1,180 lbs. (Reminder: read cart tag) **T / F**
4. Moving 10 rolls of Modified Bitumen Roofing on a FLAT SURFACE does not require a buddy system. **T / F**
5. When moving 10 rolls of Modified Bitumen Roofing over this POORLY set-up ramp, 2-person team pushing/pulling is typically needed. **T / F**



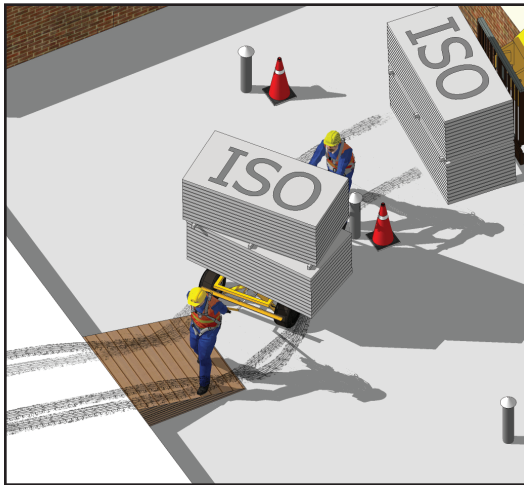
1. Prior to use, workers need to check the ramp for debris, wear, or damage. **T / F**
2. Ten rolls of Densdeck 4' x 8' weigh less than 640 lbs. (Reminder: read cart tag) . **T / F**
3. Moving 10 rolls of Densdeck 4' x 8' on a FLAT SURFACE does not require a buddy system. **T / F**
4. A 1:12 ramp is gentle, so there is no need to add more workers to team pulling/pushing. **T / F**
5. A buddy system can prevent a struck-by incident when the cart rolls down the ramp. **T / F**



1. Worker should avoid leaving this loaded cart stationary overnight. **T / F**
2. The fire extinguisher presents no risk for cart handling. **T / F**
3. One pallet of 5/8" Densdeck 4' x 8 weighs 2,400 lbs. (Reminder: read cart tag) **T / F**
4. Moving 1 pallet of 5/8" Densdeck 4' x 8 on a FLAT SURFACE typically requires 3-person team pulling/pushing. **T / F**
5. 4-person team is needed to move 1 pallet of Densdeck 4' x 8 in the situation shown in this figure. **T / F**

# Knowledge Test

Recall Snyder's ergonomics program, and answer True/False (T/F) for the following statements for recommended safe cart handling practices:



1. The ramp is positioned at a proper place. **T / F**

---

2. To move the cart onto a narrow ramp, a worker needs to carefully position and control the cart, which requires greater force and increases risk of injury. **T / F**

---

3. Two bundles of ISO 4' x 8' weigh up to 700 lbs. (Reminder: read cart tag) **T / F**

---

4. Two bundles of ISO 4' x 8' are properly loaded on the cart. **T / F**

---

5. When rolling up this 3:12 ramp, 2-person team pushing/pulling is typically needed to move 2 bundles of ISO 4' x 8'. **T / F**



1. Moving a cart in this cluttered workspace requires extra force to minimize lane deviation. **T / F**

---

2. A ramp should have been built to bridge the gap created by the pipeline. **T / F**

---

3. It is okay for the worker upfront to walk backwards in a cluttered workspace. **T / F**

---

4. The use of a poorly maintained cart could easily slow down your productivity, so it is important to inspect carts prior to use and carry out maintenance as needed. **T / F**

---

5. A 2' clearance is recommended on both sides of cart pathway. **T / F**



1. One pallet of Modified Bitumen Roofing weighs 2,500 – 3,000 lbs. (Reminder: read cart tag) **T / F**

---

2. Workers should avoid moving one whole pallet of Modified Bitumen Roofing material due to the heavy weight. **T / F**

---

3. In a tight space like a narrow passage, 4-person team pushing/pulling is needed to move one pallet of Modified Bitumen Roofing. **T / F**

---

4. When heavily used, material carts deteriorate quickly and develop structural problems. Workers should routinely inspect tires, bearings, and axle. **T / F**

---

5. Turntable and bearings should be routinely greased and cleaned. **T / F**