

# Shovel Pit

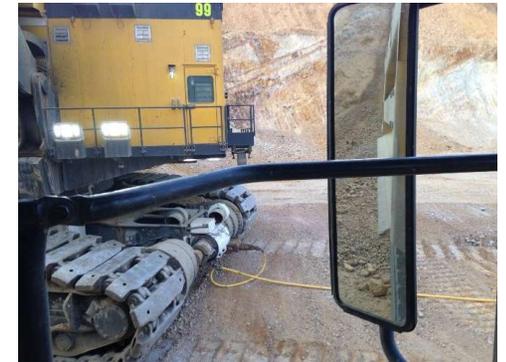
- Setup
  - Single/Modified
  - Double
- Staging
- Party Lights/No Entry
- Cable Location
- Candle Sticks Location
- Spillage
- Support Equipment
- Company Radio up
- Window Cracked

# Spotting Tips and Tricks

- When you see the truck in front of you using a best practice, **copy it**
- Pre-stage your truck as deep into the pit as safely as you can (this reduces spot time ~30-45 sec)
- When spotting on the shovels '**good side**': Use the shovel/dipper teeth as a reference point, place them above the visible side of the bed in the rearview mirror, keep parallel to the front of the shovel. This will allow the shovel operator to load the truck more efficiently and properly.
- When spotting on the shovel's '**blind side**': Use the black hanging spotting guides as a reference point. Place them above the visible side of the bed and keep parallel to the front of the shovel, this will allow the shovel operator to load the truck more efficiently and properly.



*The catwalk or ladder (depending on the side) will point directly into your cab.*



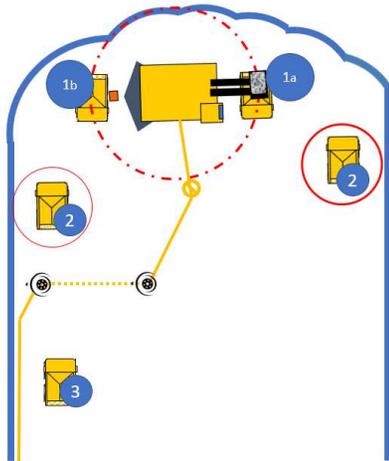
*View from 'Good Side' Loading*



*View from 'Blind Side' Loading*

It is our job not only to **work safely**, but **efficiently** as well

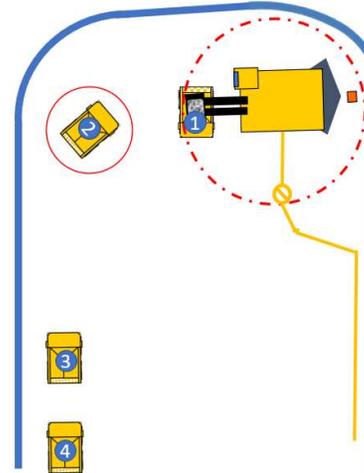
## Double Spot Pit



- Ideal Condition
  - **Target: 40 second Spot time or less**
- #2 truck should get in as close as possible to reduce spotting time when conditions allow using both sides of the shovel (Good and Blind)
- Follow #1 truck as it leaves the shovel to get into proper alignment quicker

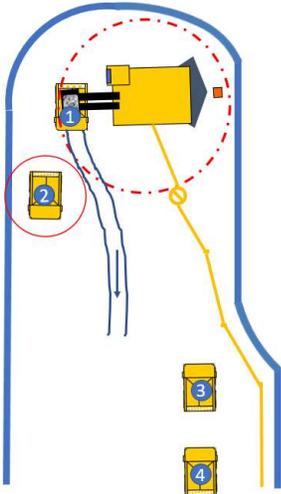
Shovel type	Shovel #	# of Attempts
4100XPC	59,98,99	3
4100A	56, 57	4
2800	68, 71	5

## Single Spot Pit (Wide Pit)



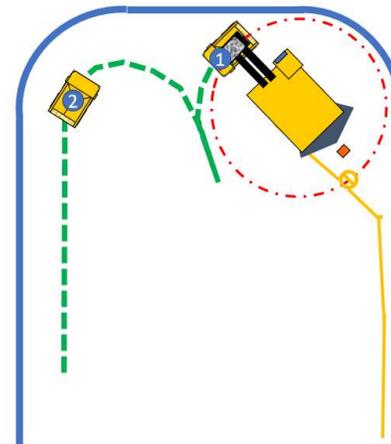
- Ideal Condition
  - **Target 40-50 Secs spot time**
- #2 truck should get in as close as possible to reduce spotting time
- The closer you get to the shovel the lower your spot time will be
- Follow #1 truck as it leaves the shovel to get into proper alignment quicker

## Modified spotting (Narrow Pit)



- Ideal Condition
  - **Modified spot is Best Practice**
  - **Target 40-50 Secs spot time**
- It takes about 16 seconds for the loaded truck to get out of the way ...
- ... and just over a minute to spot the truck correctly
- Modified spot preferred only in narrow pit

## Best Path for Haul Truck



- **For all spotting conditions**
- First Truck in should analyze pit condition and best/safest path
- Recognize trail cable and avoid
- **Green** path illustrated is best path
- #2 truck should get in as close to the shovel as possible prior to turning into spot position
- Follow #1 truck as it leaves the shovel to get into proper alignment quicker

# Side Spotting at the 1401 Loader



Take your time backing into position. The loader is mobile and can adjust if needed.

Hydraulic shovel loading from the back. Line up the shovel cab with your truck bed. Keep your window down and your radio up.



64 or 65 loading from the side





Line the bed rail on your driver's side under the yellow stripes on the hydraulic rams.