

SE TX Construction Serious Incident Reports (SIRs) FY 2019*

In Fiscal Year (FY) 2019 there were about 510 Serious Incident Reports (SIRs) reported to the Houston OSHA offices covering SE TX versus 512 the previous year. SIRs incidents include cases of hospitalizations, amputations, and loss of an eye. Of the 510 reports 389 were in general industry and 121 were in construction. Let's work together to send every worker home safe at the end of the day.

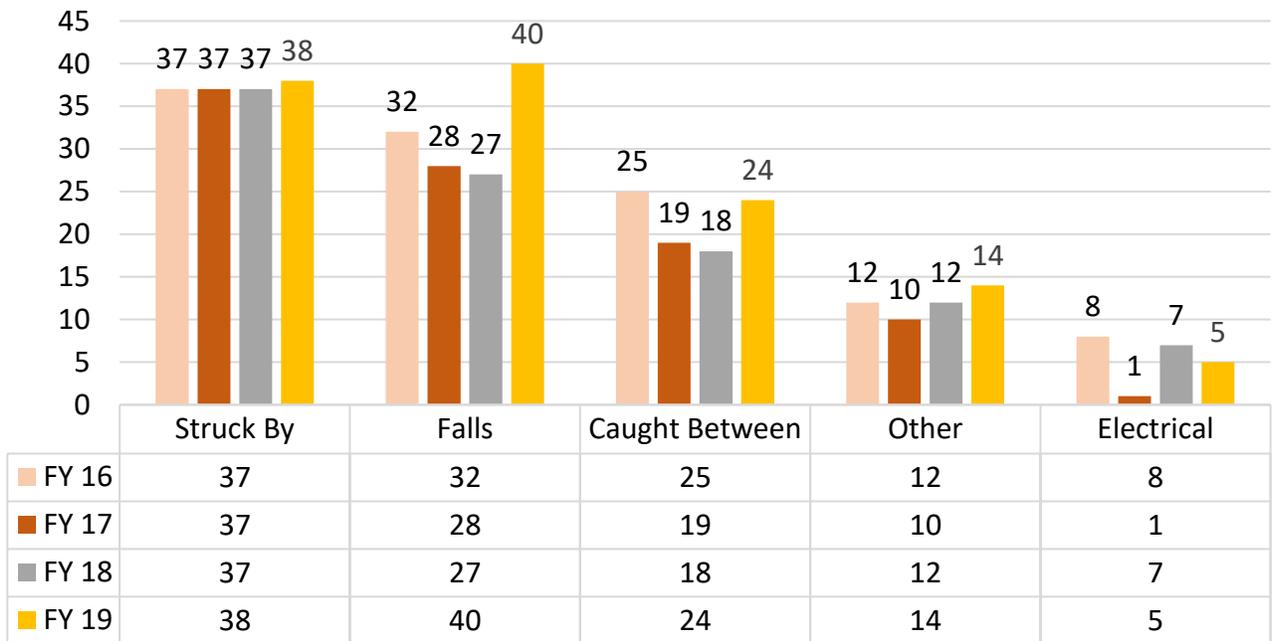


Of the 121 construction SIRs, 109 were hospitalizations and 19 were amputations. 7 of the amputations required hospitalization so they were technically counted twice. $109 + 19 - 7 = 121$

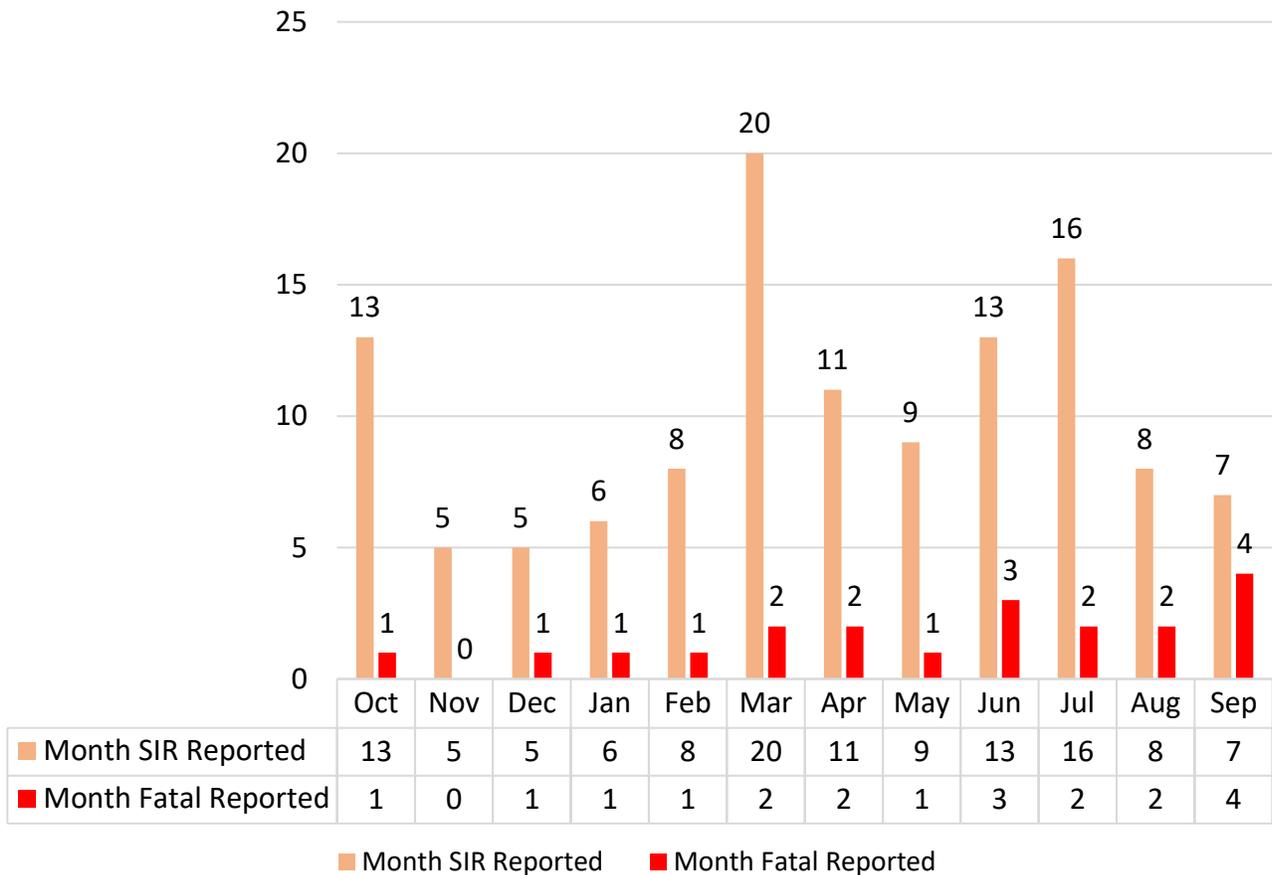
FY 19 SE TX Area Construction SIR Reports by NAICS Code FY 18 v FY 19

NAICS	Industry	FY 18 SIRs	FY 19 SIRs
237310	Highway, Street, and Bridge Construction	3	17
237120	Oil and Gas Pipeline and Related Structures Construction	9	10
236220	Commercial and Institutional Building Construction	12	9
238120	Structural Steel and Precast Concrete Contractors	3	9
238210	Electrical Contractors and Other Wiring Installation Contractors	11	9
237990	Other Heavy and Civil Engineering Construction	8	8
238220	Plumbing, Heating, and Air-Conditioning Contractors	6	8
236210	Industrial Building Construction	9	7
237110	Water and Sewer Line and Related Structures Construction	7	7
238110	Poured Concrete Foundation and Structure Contractors	7	7
238990	All Other Specialty Trade Contractors	4	7
238910	Site Preparation Contractors	2	6
238160	Roofing Contractors	2	4
238140	Masonry Contractors	5	3
236115	New Single-Family Housing Construction	1	2
236116	New Multifamily Housing Construction	1	1
236118	Residential Remodelers	1	1
237100	Utility System Construction	0	1
237130	Power and Comm Line and Related Structures Construction	1	1
238130	Framing Contractors	0	1
238290	Other Building Equipment Contractors	1	1
238310	Drywall and Insulation Contractors	3	1
238390	Other Building Finishing Contractors	0	1
238150	Glass and Glazing Contractors	1	0
238190	Other Foundation, Structure, and Building Exterior Contractors	2	0
238320	Painting and Wall Covering Contractors	2	0
TOTAL		101	121

FY 19 SE TX Construction SIRs by Focus Four



FY 19 SE TX Construction SIRs vs Fatal Reports by Month



SE TX Construction SIRs by Event FY 19 vs FY 18

SIRs by Event	FY 18	FY 19
Struck by falling object or equipment	12	14
Caught between stationary and moving equipment or objects	9	12
Exposure to heat - environmental	5	8
Fall lower level scaffolding	2	8
Fall lower level ladder	7	7
Fall lower level roof	1	7
Fall on same level	8	5
Struck by powered vehicle	6	5
Caught between moving objects or equipment	1	5
Struck by flying object	3	4
Struck by moving object or equipment	2	4
Struck by blade/knife/sharp object	6	3
Entangled in running equipment or machinery	5	3
Struck by rolling object or equipment	5	3
Fall lower level structure or equipment	2	3
Fall through surface	1	3
Electrical burns	3	2
Struck by tool	2	2
Struck by shifting load or equipment	1	2
Fire vapors, gases, or liquids	1	2
Fall lower level building	1	2
Arc flash	1	2
Electric shock	3	1
Fall lower level stairs	2	1
Excavation cave-in	2	1
Burns hot liquids	2	1
Body movement	2	1
Fall lower level skylight	2	1
Other/unknown	1	1
Caught between	1	1
Struck by	0	1
Fall lower level pit/hole	0	1
Fall lower level moving vehicle	0	1
Fall	0	1
Caught between stationary equipment or objects	0	1
Caught between stationary and falling equipment or objects	0	1
Burns	0	1
Fall lower level nonmoving vehicle	1	0
Burns chemical	1	0
Total	101	121

FY 19 SE TX SIR Incident Narratives by NAICS

236115 - New Single-Family Housing Construction (except For-Sale Builders)

Fall lower level stairs

- A partner was conducting an inspection of the framing work and fell on a staircase at a residential home under construction suffering head trauma with concussion, shoulder injury, and rib damage.

Struck by flying object

- An employee was carrying a bundle of rebar that were tied with wires. At some point a wire popped and hit the employee in his safety glasses and lacerated his right eyelid.

236116 - New Multifamily Housing Construction (except For-Sale Builders)

Struck by falling object or equipment

- Employee was lifting a flood gate when the gate dropped on his right toes amputating one.

236118 - Residential Remodelers

Fall lower level scaffolding

- An employee was disassembling a scaffold approximately 7' high when he lost his balance, fell, and hit the left side of his head on the ground. Fractured ribs and injury to left side of his head.

236210 - Industrial Building Construction

Caught between stationary and moving equipment or objects

- Employee was bolting a 720 pound steel beam to a structure when the steel shifted and pinned the employee's left hand. He received a broken left wrist, middle finger, ring finger, and a severed thumb.

Fall lower level ladder

- Employee was climbing a fixed ladder and slipped and fell about 8' feet to the ground fracturing his left arm.
- Employee was on a ladder trying to take a concrete form off a silo being constructed. The form shifted when he pulled a form pin and he lost his balance and fell approximately 8' from the ladder breaking his ankle.
- Employee on 8' ladder taping and floating sheetrock and fell hitting his head on the floor receiving a cut above left eyebrow, breaking his left arm, and injuring his wrist.

Fall lower level roof

- Employees were installing roof decking to the second floor when one of the employees fell through the roof and landed on the concrete floor 14' below and suffered major head trauma.

Fall lower level scaffolding

- Employee was working on a modified scaffold in preparation of installing an I-beam and fell approximately 8' to the ground fracturing his rib and suffering a subarachnoid hemorrhage and subdural hematoma.

Fall on same level

- Employee was attempting to remove a scaffold pole while standing on a scaffold plank which shifted. He fell forward into another horizontal scaffold pole fracturing his right forearm.

236220 - Commercial and Institutional Building Construction

Arc flash

- Two employees were removing concrete next to a retaining wall with a roto hammer/ jack hammer. When they started to remove concrete on the opposite side they chipped into an electrical duct bank which looked like the concrete on the opposite side which resulted in an arc flash. An assessment of the electrical lines had been conducted, but the area where the employees were working was just outside the zone. The employees were transported and admitted to the hospital with burns.

Caught between moving objects or equipment

- A crane operator was preparing to lift and move a 25', 1,897 pound, structural beam from a conveyor system using a 3/8" Grade 100 lifting chain rated at 8,800 pounds WLL. In the process of making the lift, the thumb on his left hand was caught between the chain and the structural beam fracturing his thumb.

Caught between stationary and moving equipment or objects

- An employee were lowering an 82 lb. steel stud 34-36" inches long and 3 1/2" in diameter into a PVC rack and he got his finger caught in between the steel stud and the PVC pipe fracturing his right little finger.

Fall lower level building

- An employee was working on a sub-roof assembly and was pushing down on a pry bar. He lost his balance and fell approximately 13' to the ground fracturing both legs and his left wrist.

Struck by falling object or equipment

- An employee was welding a 24" diameter flange to a pipe radius 90 that was attached to a weld positioner. The flange and the pipe combined was approximately 1,500 to 1,600 pounds. He crawled into the pipe to check the completed partial weld on the opposite end of where the positioner was located. His left feet were hanging outside the open end of the pipe. The weld broke causing the pipe and the rest of the employee's body to fall to the floor and his feet were caught between the beveled ended of the pipe and the floor amputating all the toes on his right foot and fracturing his left big toe.

Struck by flying object

- A driver was tightening the strap on his trailer to secure the load. A section of track was damaged. The ratchet come loose under tension and flew off the trailer and hit him in the mouth breaking his lip, mouth, and teeth.

Struck by powered vehicle

- Employee was directing a dump truck into a parking lot when a pickup truck driving in reverse backed over him fracturing bones in both legs.

Struck by rolling object or equipment

- Employees were unloading 18" pipe from trailer and placing it on the ground. While placing the pipe onto the ground the pipe began to roll and an employee attempted to stop the pipe from rolling with his foot. The pipe trapped his foot and rolled up onto his leg fracturing the tibia.

Struck by shifting load or equipment

- Employee was struck by in the face by a 20' section of sheet piling, while it was being removed from the ground suffering a fracture on upper part of jaw and pocket of his left eye.

237100 – Utility System Construction

Fall lower level ladder

- An employee was walking along the slope of a trench and jumped towards a ladder and fell into the trench fracturing his right leg.

237110 - Water and Sewer Line and Related Structures Construction

Caught between stationary and moving equipment or objects

- Employee was re-positioning a gasket between two steel pipes. The pipe shifted and the employee's left middle finger was caught between the pipes amputating the tip of the left middle finger.

Excavation cave-in

- An employee was in the process of connecting a pipe to a new manhole inside an excavation approximately 10 to 11' deep and 20' wide. The soil caved in and pinned him against the manhole for about 30 minutes fracturing his ribs and causing shoulder and wrist injuries.

Exposure to heat – environmental

- Employee was assisting with water well drilling operations when he began dry heaving and cramping.

Struck by falling object or equipment

- An employee was instructing the excavator operator to lift a piece of reinforced concrete pipe that was approximately 10,300 pounds, 6' long, and 60" inches in diameter when it fell off of the excavator bucket and onto the employee fracturing his pelvis.
- A superintendent was operating a skid steer loader and backed the skid steer loader thru a guardrail and fell in a pit breaking his ribs, left hand, and collapsing a lung.
- The employee was handling 6' PVC piping from a dewatering system that was full of water and heavy, trying to connect it to a pump. The pipe fell onto another pipe and pinched the right ring finger tip between them partially amputating it.
- The employee was working inside a 14' excavation laying pipe. A clog of dirt the size of a football hit his shoulder and he turned around and ran hitting his head on the excavator bucket causing a concussion.

237120 - Oil and Gas Pipeline and Related Structures Construction

Burns

- Employee was cutting a thermowell, which is a 2" piece of pipe that has a sensor inside, using a porta band saw. A flash came out of the pipe causing minor burns to his chin, neck and wrists.

Caught between moving objects or equipment

- A painting crew was in the process of setting up a 30" pipe in preparation to begin coating and blasting a "T" welded to the end. The crew recognized that the section of pipe was too low to the ground, so they had to add an additional skid to raise the height of the pipe. The crew, along with an operator, rigged up the 30" inch pipe and proceeded to add the additional skid. After positioning the skid, the crew stepped away and began to signal the operator to knuckle down to loosen up the choker. After loosening the choker, a crew

member positioned an angle on the end of the pipe and signaled the operator to move his bucket in an easterly direction. As he continued to slide the choker over toward the end of the pipe, the signalman did not recognize that the choker was caught on the reducing end of the "T". As pressure was applied by the choker to the reducing "T", the 30" pipe fell off the skids holding the pipe up. As the pipe fell/slid off of the skids, the signalman's right hand was positioned on the choker and the pipe fell off of the skids approximately 8" causing the choker's slack to tighten up and pinch the employee's right thumb between the strap and beveled pipe crushed it.

Caught between stationary and moving equipment or objects

- A wind wall was being lowered by an overhead crane and an employee was using his hands to guide the wind wall into the fitting area. His left hand was in the way as he lowered the piece into place and it pinched his fingers causing the nail bed on one finger to be surgically removed and two other fingers were fractured.

Fall on same level

- He was running wires at the bottom of an excavation and slipped on the clay fracturing his right tibia.

Fire vapors, gases, or liquids

- Employees in a 5' excavation were performing a hot tap. They were starting a 3-way bypass on the 2 7/8" natural gas line when a flash fire occurred. Two employees were admitted for burns.
- Two employees were assisting welders with holding a 16" flange. While they were helping, a flash fire occurred and one employee received a puncture wound near the groin area by 1/2" vent pipe and burns to the face and the other received burns to the back of his neck, his back and his right arm.

Struck by falling object or equipment

- An employee was transporting material with a spreader bar on a forklift. The spreader bar fell on his right foot causing a dislocation injury requiring surgery.

Struck by rolling object or equipment

- An employee was helping to move a piece of casing from a rig pipe rack off of the guide wire. As they pushed on the pipe to move it out of the guide wire, the pipe rolled and caught his right hand, pinching and amputating the tip of his middle finger.

Struck by shifting load or equipment

- A foreman and his crew were about to take a section off a crane hook and move it into position. He stopped work because he noticed something wrong and placed his hand on a handrail. The pipe shifted and struck his hands amputating the left ring and pink fingers.

Struck by tool

- Employee was using a sandblasting machine on a pipeline. He tried to reposition himself and accidentally hit his arm with the sandblasting gun causing an open wound on his right forearm.

237130 - Power and Communication Line and Related Structures Construction

Fall lower level structure or equipment

- Employee was installing bolts on an electrical pole while tied off to an anchor point. The anchor point failed and he fell approximately 40' shattering his right ankle and breaking his the heel on his left foot heel.

237310 - Highway, Street, and Bridge Construction

Body movement

- Two employees were carrying a string line for a paving operation. One of the employees stood on top of it and he lost his footing and dislocated his hip while standing up.

Caught between

- A wire wrapped around bulldozer operator's ankle breaking it.

Caught between moving objects or equipment

- Employee was trying to un-swivel a wire rope and as the swivel was turning it snagged on a kelly bar. It was wrapped up and when the tension was released it caught his finger partially amputating the left middle finger.

Caught between stationary and moving equipment or objects

- An employee was helping a driver unchain a haul trailer with a load of 20-30,000 lbs. The driver lowered the trailer while the employee's toes were underneath it breaking his left and right big toes.
- An employee was one of two employees remotely operating guillotine concrete breakers. The breakers use steel plates that come down and break the roadway concrete for removal. He got in between the two units and the operator of the other unit was on the opposing side and did not have line of sight of him between the units. The operator of the second unit moved the unit, pinning the other employee causing a crushing injury and fracture to the left femur.
- An employee working on the side of a highway feeder road installing a concrete wall put his hand inside a piston to clean out some concrete which was located at the bottom of the concrete pump hopper. The pump turned over and caught his fingers causing partial amputation to the right middle finger.
- A form building/setting crew were removing a form after a concrete pour was set. The form was attached to a crane which was attempting to pull it off of the concrete column. The wire rope guide line on the form became hung up on something and an employee reached inside the back of the form to try to release the wire rope guide line which under load. His right hand was caught between the form rebar and the guide line wire rope amputating four fingers on his right hand.

Electrical burns

- Employees were finishing concrete on the second floor of a deck. One employee was waiting to mop the concrete with a 10' pole. He noticed the top of the pole that he was getting ready to use was approximately 6' to 8' away from the power line. He went to grab the pole and he felt a shock and fell backwards onto another employee. Both employees received electrical burns.

Exposure to heat – environmental

- An employee became ill and started vomiting at a road construction jobsite. Heat stress/stroke.
- Employee was doing construction work and felt ill so he left work early. He went to an emergency room and was admitted for heat exhaustion.

Fall lower level moving vehicle

- Employee was riding on the back of a flatbed truck with several other employees. The driver encountered a barrel in the middle of the lane, causing him to swerve and the employee fell from a seated position onto the pavement lacerating his right ear and breaking bones in the right ear area.

Fall on same level

- The employee was walking on top of rebar reinforcement on a bridge under construction to take measurements. As he moved to transition from one location to another, he tripped and fell on his left wrist fracturing it.

Struck by falling object or equipment

- Employee was removing a soffit support jack. He placed his right hand on top of the jack. The cushion block on the bottom of the soffit fell and smashed the ends of his right middle and ring fingers causing an amputation.
- Employee was standing next to a metal beam to connect it to a wood beam. The excavator operator was distracted and unintentionally moved the excavator bucket, which in turn hit the metal beam, and knocked him to the ground. The 2,000 metal beam landed on his right hip and thigh requiring surgery.

Struck by moving object or equipment

- The employee was finishing the edge of a concrete pour for a highway section. He tripped while moving out of the way and fell and his leg was run over by the wheel of the tube float causing a displaced fracture of the right tibia.
- Three employees were disassembling a lattice boom crane. One of the employees took a pin out of the crane by hitting the pin with a sledgehammer. One of the sections of the boom struck the employee on his right side causing a fracture of the right tibia, hip, clavicle, ribs, and femur.
- An employee was struck in the face by a front end loader bucket as he was walking to the truck causing a laceration on the face that was closed with plastic surgery.

237990 - Other Heavy and Civil Engineering Construction

Caught between stationary and falling equipment or objects

- A smaller lattice boom crane was being used to place counter weights onto a larger lattice boom crane. After setting the counter weight onto the larger crane, it slipped off and into an outrigger of the larger crane, pinning the employee between the outrigger and the counter weight fracturing 4-5 ribs and his T12 vertebrae.

Caught between stationary and moving equipment or objects

- A welder was installing weights to 24" plastic pipes. The welder was using a wedge to install the weights when the wedge moved and the tip of his right thumb got caught between the pipe and the wedge amputating the tip of his right thumb.

Entangled in running equipment or machinery

- The employee went to drive his golf cart but it would not start. With his left foot on the gas pedal, he opened the engine compartment and began hitting the shell of the motor. The engine started and his finger was caught in the running belt on the engine and was pinched between the belt and the pulley resulting in a right middle finger tip injury.

Fall lower level scaffolding

- Employee was in the process of dismantling an engineered scaffold. He had already completed 36 sections and was in the process of doing the very last section at the top of the tank and fell approximately 57' receiving compound fractures to his legs and ankles and two fractured ribs.

Fall on same level

- A 73 year old employee was walking on level hallway surface on interior of an office building when she collided with another employee. She fell to the floor on her hip fracturing it.

Struck by flying object

- Employee was helping to tie steel rebar for a generator concrete pad. He was holding the rebar as another employee tied the steel with tie wire. When the extra tie wire was cut it popped up and grazed the employees left eye lacerating it.
- An employee was using a tractor with a brush head attachment to cut an area at the facility. His supervisor drove into the area in a utility cart to check on the progress. While sitting in the utility cart he was struck in the head just below his hard hat by an object that was ejected from the tractor.

Struck by powered vehicle

- An employee was marking the roadway for the placement of reflective buttons. A SUV turned onto the street at a high rate of speed and ran over him with front and back tires causing fractured left and right pelvis's, bilateral hip fractures, fractures to bones near the eye, cheek bone, nose, bruised right lung, bruised liver, and abraded facial skin and tissue. A flagger was with him but was able to move out of the way.

238110 - Poured Concrete Foundation and Structure Contractors

Caught between stationary equipment or objects

- Employee was filling a water tank located behind the cab and stepped onto the platform and took the hose out of the tank. He stuck his finger in the water tank and push down on the tank flap to ensure he would have a good seal on the tank. As he did this, he simultaneously took his finger out the tank and stepped down from the platform. His wedding ring became stuck amputating the tip on his left middle finger.

Fall on same level

- Employee was opening the door of his car and slipped when he turned around and broke his leg.

Struck by blade/knife/sharp object

- The employee was using a skill saw to cut a 2x4 wood stake. The saw kicked back and hit him on the top of his left thumb causing a severe laceration.
- Two employees were horizontally cutting a concrete wall with a chop saw when the saw blade got stuck within the cut and the saw kicked back. They lost control of the saw and both received cuts to their leg.

Struck by falling object or equipment

- The employee was cleaning out the bed of his pickup truck when the wet mud/concrete slipped out and landed on his right foot. He was wearing Croc shoes and his ring and little toes were amputated.
- Employee was asked to remove a temporary light pole and while doing so the light fell down and struck him on his head causing scalp and facial lacerations.

Struck by tool

- Employee was using a 6' breaker bar to demo an old concrete sidewalk when some concrete slipped off the excavator forks causing the breaker bar to pop up and hit him in the chin and Adams apple area and knocking him unconscious with lacerations to his neck.

238120 - Structural Steel and Precast Concrete Contractors

Caught between moving objects or equipment

- Employee had just finished rigging a bundle of channel iron together to be lifted to the roof of a building and signaled the crane to begin lifting the load. When the load began to lift he stepped back to grab the tagline. He reached out and placed his left hand against the load to steady it and at the same time the bundle of channel iron rolled inward catching his left glove and pulling his hand in between two pieces of iron. He pulled his hand back immediately, but the tip of his left middle finger was crushed and amputated.

Entangled in running equipment or machinery

- Employee was utilizing a mag drill to drill holes in 1.5" tube. He reached in to remove metal shavings and his glove was caught by the bit and his hand was pulled into the drill amputating his thumb and tip of the index finger and lacerated the middle finger.

Exposure to heat – environmental

- Employee was picking up trash and went to the porta john of the jobsite and passed out. Dehydration.
- Employee was at a job site helping to unload truck and became overheated and dehydrated.

Fall lower level building

- Foreman went to inspect an area being decked that was close to the edge. He couldn't inspect this area while tied off so he took off his harness and was backing up and fell off the edge of the platform that was about 32' high fracturing his arm and leg and potentially the hip.

Fall lower level roof

- An employee was getting down from a roof using a scissor lift. He unhooked his fall arrest lanyard to attempt to get into a scissor lift and fell outside the scissor lift 30' to the base of the lift scissor mechanism and suffered leg injuries.
- An employee was located on the roof, guiding insulated roof panels into place for securing into steel beams with self-tapping bolts. He was working with two other employees, each of which were in a scissor lift used to lift the panels into place for securing. A roof panel being installed slipped from the beam at the peak before being secured and fell to the scissor lift below. This caused the other end to teeter upward and make contact with a 7620 volt power line. All three employees suffered electrical shock and burn injury and the employee on the roof fell onto concrete approximately 25' below suffering multiple blunt trauma injuries.
- Employee was hospitalized after he fell 30' from a roof when a beamer being used fell on a gap of the roof and pulled him and the yoyo causing maxillofacial and wrists injuries. Anchors will be attached to the metal decking per the manufacturer's instructions and will serve as the attachment point.

Struck by rolling object or equipment

- Employee was checking piece numbers on pipe braces when a timber dunnage broke and a pipe rolled off striking employee's foot fracturing his right hallux toe.

238130 – Framing Contractors

Fall lower level pit/hole

- Employee was sweeping the floor on the second level of the building. He removed a cover and fell through the opening suffering injuries to forehead that required stitches, bruised ribs, and a contusion to the hip.

238140 - Masonry Contractors

Electric shock

- An employee made contact with the power line when he attempted to take a measurement to make sure that he was working within the required 10' feet and suffered injury to the right forearm nerve.

Fall lower level scaffolding

- An employee was carrying 100 lb. CMU blocks while walking on a scaffold and fell 5' to the ground when the board he was walking on flipped over. He suffered a broken left leg and ankle.
- Employee was disassembling a scaffold and was working on the fourth tier. The components were being stacked on exterior outriggers which caused a shift in weight and led to the scaffold's top section collapsing. He fell 25' and sustained a laceration and fracture of the right arm.

238160 - Roofing Contractors

Fall lower level roof

- A crew was re-roofing a commercial building when an employee fell receiving a head injury.
- Two employees were working on a new roof under construction installing paper on it when they both slipped and fell down to the concrete floor below. One employee suffered massive bleeding from the head and severe bruises on his left shoulder.

Fall lower level skylight

- Employee was part of a crew removing an old roof from a commercial building and installing a new roof. He stepped on a flush mounted fiberglass skylight and fell through approximately 12' to the concrete floor suffering major head trauma. He had his harness and hardhat on but was not tied off to the lanyard.

Fall through surface

- Employee was working on a roof measuring a section to be cut out and replaced when he fell through the roof to the inside the building suffering injuries to the spine and head.

238210 - Electrical Contractors and Other Wiring Installation Contractors

Arc flash

- Employees were terminating cables for a company and the company had locked everything out for them and they applied all the grounds. They verified everything was locked out with the subcontractors as a witness. The employees had finished the work and were grabbing their tools. As they were walking out one of the employees received an arc flash and was burned on his right hand and face.

Electrical burns

- Employee was replacing/fixing wiring on a light pole while in a bucket truck and received electrical burns to his face and body.

Exposure to heat – environmental

- Employee was making up primary and secondary connections on underground transformers and began to feel ill. They were concerned about how he looked and sought medical treatment. Heat exhaustion

Fall lower level ladder

- Employee was working in a 16' ladder wiring a light fixture. The fixture fell and he tried to catch and it caused him to fall off the ladder. He landed on the tile floor and broke his arm.
- An employee was climbing a ladder in order to "tie off" with fall protection and fell from the fourth rung to the ground breaking his left forearm.

Fall lower level structure or equipment

- Employee was in an elevated scissor lift running wires to light ballasts when the scissor lift fell over when struck by a near-by aerial lift. The employee and the lift fell to the cement ground and he fractured his ankles, pelvis, and vertebra.

Fall through surface

- Electrician working on an overhead walkway in an empty water tank. He fell through the grating approximately 20' to the concrete floor below and broke both ankles and possibly injured his back.

Struck by falling object or equipment

- Employee was working on installing conduit when the material slipped and fell onto his hand fracturing his index finger.

Struck by powered vehicle

- A crane technician was in a man lift, appropriately tied off, and was struck by a stacker crane operated by another crane technician from the same company. The man lift fell over and injured the tech inside.

238220 - Plumbing, Heating, and Air-Conditioning Contractors

Caught between stationary and moving equipment or objects

- Employee was grooving the end of a steel pipe in a grooving machine and it caught his right middle finger tip and cut the tip off.

Entangled in running equipment or machinery

- Employee was rolling metal when his glove got caught in between the metal and the roller which pulled his fingers into the roller smashing three fingers on his left hand.

Fall

- Employee was doing roughing in plumbing and fell down to the ground. He was found in the master bathroom bleeding from a cut to the back of the head.

Fall lower level ladder

- Employee working from a 10' ladder fell 8' while cutting into a copper line under pressure which released a blast of air that surprised him. He fell off the ladder and landed on the concrete floor below suffering injuries to his head, back and spine.

Fall lower level roof

- The employee was sealing a gas furnace exhaust pipe that was part of an HVAC system. He was not wearing fall protection and there were no anchor points on the roofing structure. He fell 20' off the 2 story roof breaking a rib and bruising his leg.

Fall through surface

- An employee was at a single family home to fix the central heat and he fell through the ceiling causing injuries to his elbow and eye socket.

Struck by

- Employee was preparing to jet clean some drain lines. A hose developed a pin hole and water shot out at 3800 psi lacerating his hand between the thumb and index finger.

Struck by falling object or equipment

- Employees removed a floor access hatch to check for a leak. While doing so, the door came off its hinge and he attempted to reposition the hatch. He put his fingers under the hatch to move it and it shifted on the broken hinge and dropped on his finger partially amputating the tip of the left hand middle finger.

238290 - Other Building Equipment Contractors

Struck by moving object or equipment

- An employee was moving an 800 lb. lift to another area of the construction site to work on the fire alarm system. As he was moving the lift, it fell back on the employee and broke his left ankle.

238310 - Drywall and Insulation Contractors

Fall lower level structure or equipment

- An employee was in the process of installing insulation into the cavity of a wall. A wooden guardrail system was installed around the opened area. While leaning over the guardrails, one top rail separated and he fell from the fourth to the second level suffering a fractured pelvis and right arm.

238390 – Other Building Finishing Contractors

Caught between stationary and moving equipment or objects

- Employee suffered a partial finger amputation of his right thumb when a seamer rolled over his finger.

238910 - Site Preparation Contractors

Caught between stationary and moving equipment or objects

- An employee was attempting to free a tarp that was hung up on the trailer while the air operated dumping gate was also being operated. It appears the employee got his hand caught between the air operated gate and the closure of the gate when attempting to dislodge a section of tarp cover that got caught in it. The air gate is operated from inside the cab. He suffered a crushing injury to his hand.

Exposure to heat – environmental

- Employee was working around a ditch, when his hands and torso started to cramp up. He was hospitalized due to heat exhaustion.

Fall lower level scaffolding

- Employee was working from a scaffold and was climbing down and reached for the mid rail and the locking key to the mid rail came undone. He lost his grip on the rail because the rail was wet and fell approximately 12' from the ladder receiving cracked ribs and bruising to the lungs.

Other/unknown

- Employee was waiting out a storm in his work truck but had to use a nearby porta-potty. While in the porta-potty a lighting strike occurred approximately fifty feet from him. He collapsed after coming out of the porta john and suffered a head injury.

Struck by falling object or equipment

- Employee was building a rebar wall for a vault that was being constructed and three parts of the rebar became detached and struck him in the head and chest.

Struck by powered vehicle

- An employee was sweeping a curb and a mini excavator backing up ran over his left foot breaking it.

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Burns hot liquids

- The plant sustained an upset due to a power loss causing units to go down. Hot condensate water released out of a steam line directly above an insulating employee who received second degree burns. Employees are not typically in the area, however, an aerator had been replaced and so the insulation was being replaced.

Caught between moving objects or equipment

- An employee helping setup a crane with a fixed jib. He was handling a tag line and the load moved faster than he expected and when he grabbed the rope it wrapped around his right middle finger and broke it.

Exposure to heat – environmental

- The employee rigged four sets of pipe stands over about a 2 hour period when he began to feel ill and vomited. The crew started the work around 12:30 PM. Hospitalized for kidney failure and heat stress.

Fall lower level scaffolding

- An employee was building a scaffold frame for use as a temporary structure. As he was building the scaffold frame, he was attempting to attach a truss frame and lost his balance and fell 8' from the scaffold platform to the ground below and received a concussion. The working level was not fully planked.
- A lead man was disassembling a scaffold. He popped the pins on the two 7' guardrail sections on the outside of the scaffold. He was tied off by his fall protection to the mid-rail. He turned around to grab a 3' piece of leg and then turned back around facing the guardrail he just removed the pins on. He leaned over and against the rails to lower the 3' section and fell because the 7' guardrail pieces were already loose and also fell. He fractured his left scapula, right forefoot and right ankle.

Struck by blade/knife/sharp object

- An employee was cutting 2x2 stakes out of 2x4 material with a 7-3/4" circular saw. He was making vertical cuts but not following the saw horses. The vertical cut went through the material and down his right leg causing an 8-10" laceration to his lower leg below the knee and above the ankle and cutting his leg artery.

Struck by powered vehicle

- Crane technician was in a man lift, tied off, and was struck by a stacker crane operated by another crane technician from the same company. Man lift fell over and the tech inside received a broken ankle.

In FY 2019 the #1 most frequently cited recordkeeping standard by Federal OSHA was failure to report an in-patient hospitalization, amputation, or loss of an eye within 24 hours. #3 was failure to report a fatality within 8 hours.

1904 Standard	Cited	Narrative
1904.39(a)(2)	818	Within twenty-four (24) hours after the in-patient hospitalization of one or more employees or an employee's amputation or an employee's loss of an eye, as a result of a work-related incident, you must report the in-patient hospitalization, amputation, or loss of an eye to OSHA.
1904.40(a)	184	When an authorized government representative asks for the records you keep under part 1904, you must provide copies within 4 business hours
1904.39(a)(1)	114	Within eight (8) hours after the death of any employee as a result of a work-related incident, you must report the fatality to the Occupational Safety and Health Administration (OSHA), U.S. Department of Labor.

In FY 2019 the #2 most frequently cited recordkeeping standard by the Houston OSHA offices was failure to report an in-patient hospitalization, amputation, or loss of an eye within 24 hours. #5 was failure to report a fatality within 8 hours.

1904 Standard	Cited	Narrative
1904.41(a)(2)	25	If your establishment had 20 or more employees but fewer than 250 employees at any time during the previous calendar year, and your establishment is classified in an industry listed in appendix A to subpart E of this part, then you must electronically submit information from OSHA Form 300A Summary of Work-Related Injuries and Illnesses to OSHA or OSHA's designee. You must submit the information once a year, no later than the date listed in paragraph (c) of this section of the year after the calendar year covered by the form.
1904.39(a)(2)	22	Within twenty-four (24) hours after the in-patient hospitalization of one or more employees or an employee's amputation or an employee's loss of an eye, as a result of a work-related incident, you must report the in-patient hospitalization, amputation, or loss of an eye to OSHA.
1904.40(a)	5	When an authorized government representative asks for the records you keep under part 1904, you must provide copies of the records within 4 business hours
1904.29(b)(3)	5	You must enter each recordable injury or illness on the OSHA 300 Log and 301 Incident Report within seven (7) calendar days of receiving information that a recordable injury or illness has occurred.
1904.39(a)(1)	3	Within eight (8) hours after the death of any employee as a result of a work-related incident, you must report the fatality to the Occupational Safety and Health Administration (OSHA), U.S. Department of Labor.

*Disclaimer: Fatalities, catastrophes, serious incident reports are logged or recorded in various mediums and reports are generated using various sorting criteria. SE TX specific data is edited to determine a count of fatalities/catastrophes or Serious Incident Reports (SIRs) under OSHA jurisdiction and may change over time as records are updated. Narratives are generally based on the first report of the incident and are rewritten and edited for brevity and/or readability and may not reflect the final results of an investigation. The incidents are a snap shot in time and may not be an exact count and are provided for accident prevention purposes, trending, and educational purposes and is not intended to be a statistical study or evaluation. If you're interested in a presentation to your group or association or would like to be notified of free workshops conducted periodically by the Houston North OSHA Office contact Jim Shelton, CAS, at shelton.james@dol.gov