

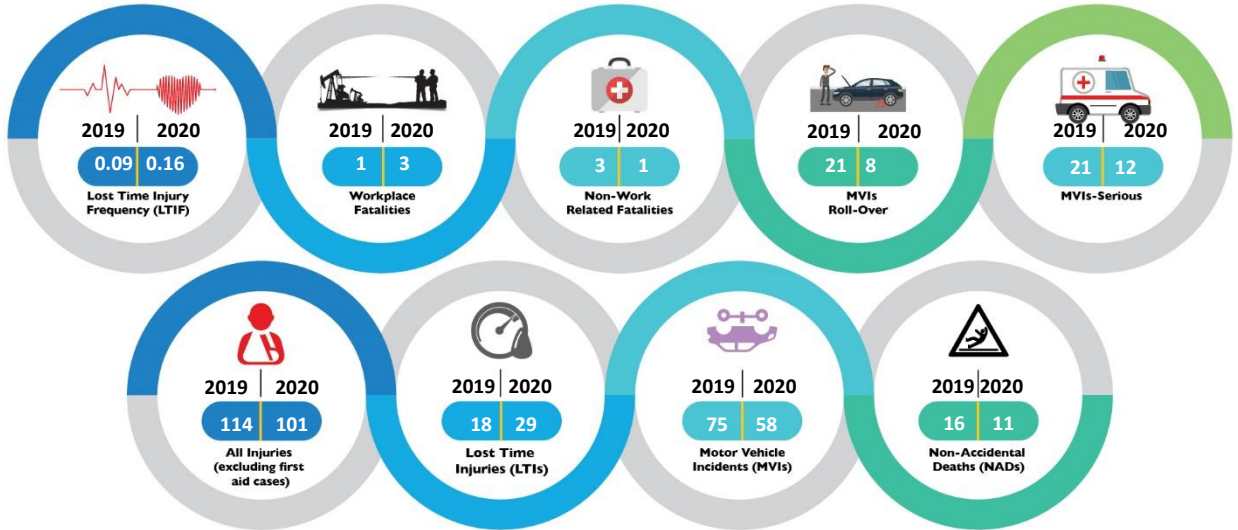


HSE NEWS : Mr. Musleh News Q1 & Q2 2020

WORKING TOGETHER FOR A SAFER WORKPLACE

The target audience for this newsletter is PDO Staff and contractors community.

Key HSE Statistics YTD 30th November 2020 (Same Period)



Mr. Musleh's News

Welcome to issue No. 22 of Mr. Musleh's News, the communication which provides a 'one stop shop' for you to receive learning's from incidents in PDO and the oil and gas industry.

This month Mr. Musleh will summarise the learning's from incidents of the Lost Time Injuries (LTIs), High Potential (HiPos) and High Value Learnings (HVL) that have occurred during the 1st & 2nd quarter of 2020. You can browse the incidents in the newsletter which have been designed to be read in an easy to digest format and delve deeper into the learning's if you think the incident or learning is relevant to you.



Tow Line Snapped

The Rig mast carrier was supported by the use of four D8 Dozers positioned in series at the rear.

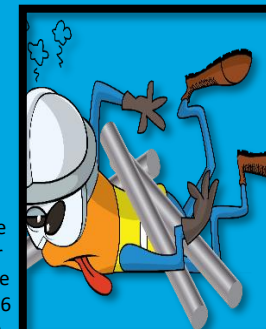
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Dropped Compressor

While approaching the well pad (300 meters from the loading point) compressor that was placed on the back of the trailer rolled off from the trailer (approx. 1.6 m) and landed on the ground.

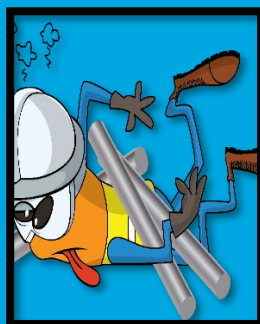
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Connection snaps

Hoist was in process of pulling the work string after the cutting attempt. The landing joint coupling with Safety Valve snapped off and landed beside the draw-works.

[View](#)

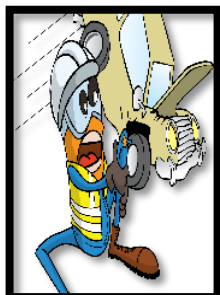




Camel Strike

A driver while driving at night collided with 2 camels that were walking in the middle black top road.

[View](#)



Safety Clamp Drops

A pin from safety clamp ejected, striking one of the floor-man helmet as a result, the helmet dropped down.

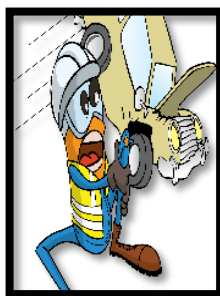
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Dropped Hoist Carrier

As the driver was going on reverse, the carrier tire on the right side crossed the edge resulting in falling the whole carrier on its right side.

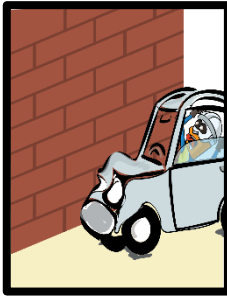
[View](#)



Tanker Hit Wireline

Tanker's brake failed and it hit the WL unit boom hook resulting in damage to wind screen & bumper of the tanker.

[View](#)



Released Energy

As the Assistant driller released his hand from the brake handle, the work string moved up and the power tong was pulled along with it. This resulted the support arms of the power tong to break and power tong slid back to the tool joint.

[View](#)



Sucker Rod Hit FM

While raising the traveling block, it's edge hit the monkey board side walk way edge causing it to swing and the attached Sucker rod struck the helmet of the FM.

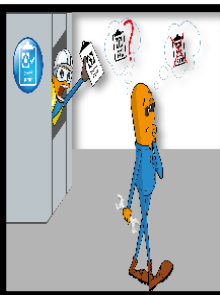
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Cutting Wrong Flow line

The foreman and crew went to the wrong location and started repair work without a PTW by grinding the weld joint of a live line.

[View](#)



Dropped Catwalk Skid

the catwalk skid got slipped from the trailer bed and dropped on the ground.

[View](#)



Rollover

The driver pulled the vehicle to the side of the road which was covered with soft sand which made the vehicle to drift off-road. He tried to steer back the vehicle to the road which led the tanker to tip over.

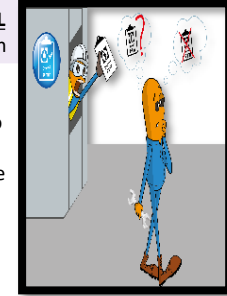
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Excavation Near LV FL

Mechanical excavation using a JCB backhoe for road crossing executed very close to the live flowline without keeping a safe distance of 1 meter from the live flowline.

[View](#)

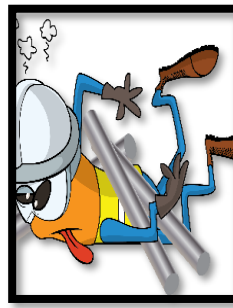




Welding at Live Well Head
Mechanical crew were welding on the beam pump base. Whilst the pump was in operation, the operator stopped the activity after inspecting the permit which had no well number. [View](#)



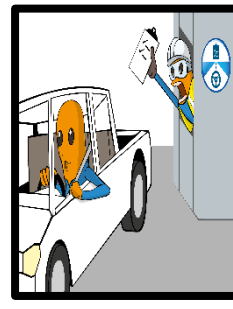
Travelling Block Brake Fails
Driller was lowering the traveling block with elevator by releasing the brakes. AD tried to pull the brake handle lever, but the traveling block impacted on the rig floor handrail. [View](#)



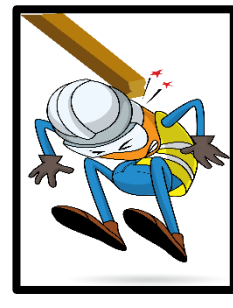
Hook Hit Roustabout Face
When driller attempted to tension, the winch line the hook released from the pneumatic slips and hit the roustabout on his face causing multiple wounds. [View](#)



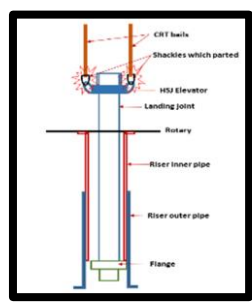
JCB Rolled Back
JCB operator after parking the equipment, he forgot to engage handbrake. After a while JCB rolled 1 m backwards and rested on a soil bund. [View](#)



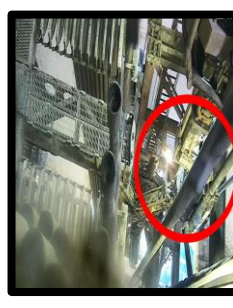
Dropped Drill Line
When Driller started spooling up the line to the draw-work drum, the new drill line slipped and fall from 30m height onto the rig floor. The old drill line fell in between mast and draw works. [View](#)



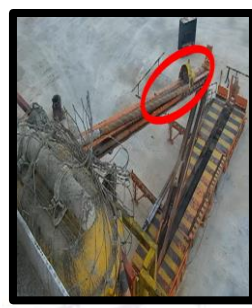
Cable Cut By JCB
While removing (excavated soil) using backhoe, the bucket teeth came in contact with the live instrument cable laid at 180mm below the ground and cut it in two parts [View](#)



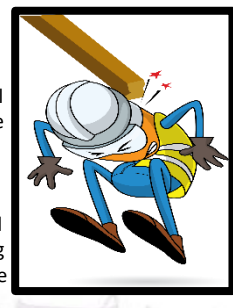
Dropped Landing Joint
landing Joint got stuck at bottom edge inner part of riser, resulting in landing joint assembly dropping and resting on the well head. [View](#)



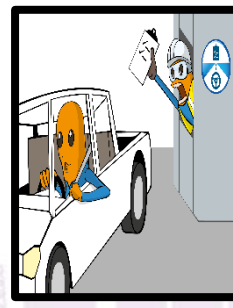
STV Strike
the driller started to RIH when he noticed indication of weight slack off. He stopped to and found that elevator did hit the STV resulting in a bend of diving board & sheared two lock screw. [View](#)

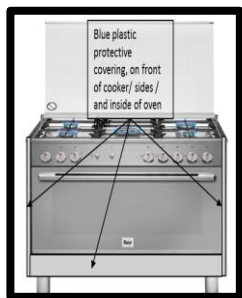


DC Fell down
when the power catwalk raised 8.0 m, the FM gave stop signal to the operator and the RM stopped rising power catwalk. Then, the RM has lowered the catwalk till about 6.8m while doing that, the DC fall into the ground. [View](#)



Tow Rope Parted
During the towing process, the tow hitch of the stuck vehicle broke, resulting in sudden release of shackles with tow straps and direct impact to the rear of vehicle and roof mounted spotlight. [View](#)





Fire in A Villa
when the oven was used for the first time, the plastic covering acted like an accelerant and ignited the cooking oil causing a fire in the Dirty Room of a Villa.

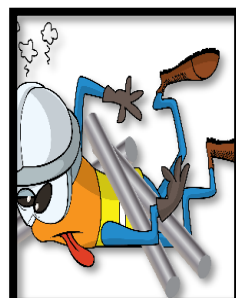
[View](#)



Travelling Block Brake Fails

Driller was lowering the traveling block with elevator by releasing the brakes. AD tried to pull the brake handle lever, but the traveling block impacted on the rig floor handrail.

[View](#)



Power Swivel Rotated

The power swivel reacting to the torque exceeded and started to counter turn. Then, the swivel body rotated about 1 complete turn, wrapping up of the lines and hoses.

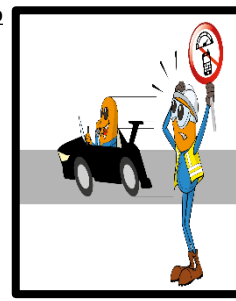
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Driving Over A hump

The bus driver was over-speeding drove over speed hump. This resulted into a foreman seated on the last row thrown upward and struck his head to the roof sustaining a neck injury.

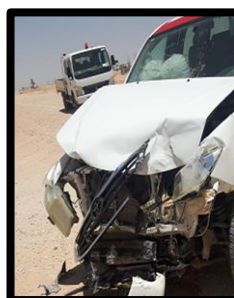
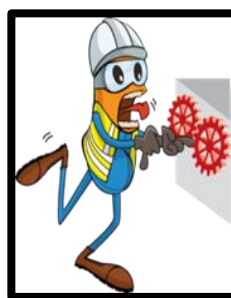
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Finger Got Caught

The operating lever hit against the mast causing the tong to start functioning. The right hand middle Finger had been placed on the tong got caught in the rotating tong resulting in injuring the finger.

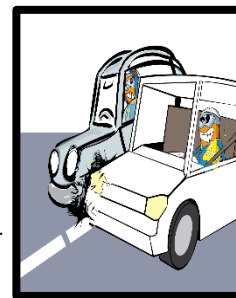
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Car Accident

The hoist vehicle could not stop or divert from the directions and hit on the right middle side of commissioning engineer vehicle flipping it to the side.

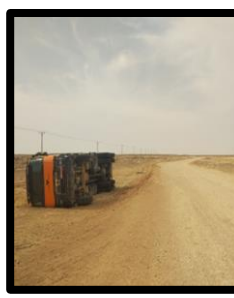
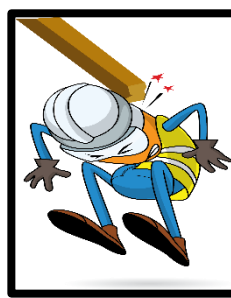
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Fatality

A Tele-handler parked on raised ground adjacent to rest area, began to roll back down a slope resulting in striking the wall and collapsing of the wall onto the head of a mason.

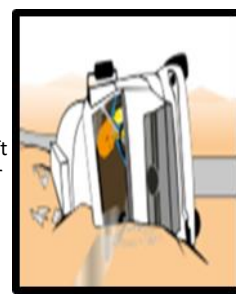
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Tipper Tipped Over

A loaded tipper was proceeding to Rakid from borrow pit in Misbah lost control while executing a left turn and tipped over to the right.

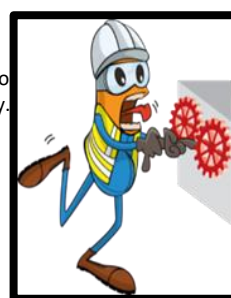
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Finger Got Caught

Floor man was latching the drill pipe elevator to the drill string on rotary. Then, his finger got trapped between the elevator and the drill pipe joint causing left hand thumb to get injured.

[View](#)

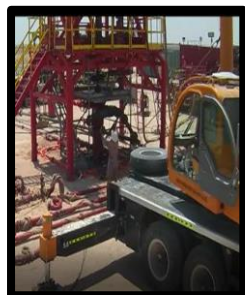


Waste Fire

An unknown source ignited a fire in the uncovered nonhazardous waste trench at Bahja waste yard.

[View](#)

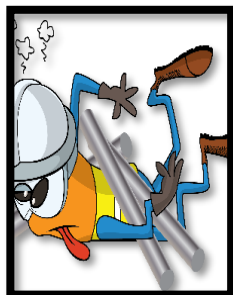




Wireline Cut

The tool string released from cable and dropped and reset over BOP frame and lower sheave wheel fall to the ground.

[View](#)



Fire at A Vehicle

Smoke started coming from the dashboard A/C vents. Driver exited the vehicle and went for the fire extinguisher.

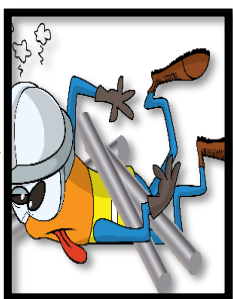
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Drooped Traveling Block

Travelling block started coming down. Driller tried to control the free fall by applying auxiliary brake. The block continued to descend, the elevator pulled down the hydraulic tong, and elevator came to rest on the hydraulic tong.

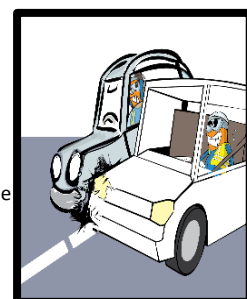
[View](#)



Tanker & Tipper Collision

The cargo driver tried to avoid a collision by manoeuvring to the left but the front passenger side of the cab struck the rear driver side of the tipper truck.

[View](#)



Dropped Load

While vehicle took a sharp turn to the left in the T-junction of graded road, the load got released from its securing point and fell on the ground.

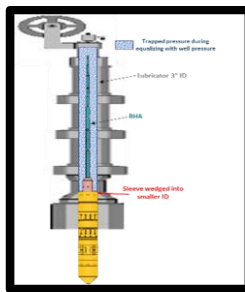
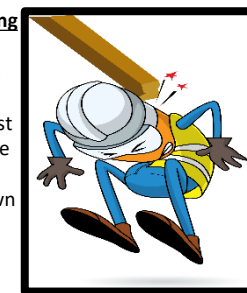
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Unsecured Travelling Block

FM and RA came to rig for moving out handling tool. Whilst they were there, the travelling block started coming down and the elevator touched the back side of roustabout

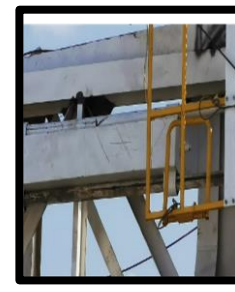
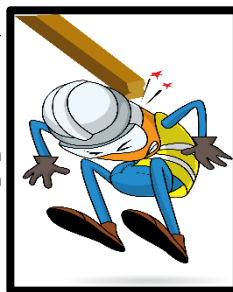
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Dropped Slick Line Tool

While slick line lubricator was lowered, sudden release of tool string stuck inside the lubricator led to a fallen object (3.5 m height) on rig floor and release of trapped pressure.

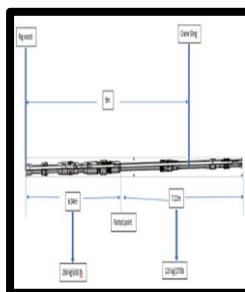
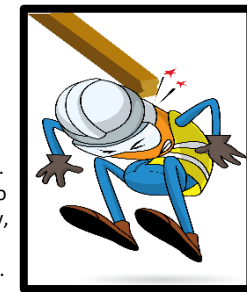
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Suspended Load

FM positioned himself under the center of the counterweight assembly while it still was suspended. While attempting to adjust the assembly, it shifted towards the FM striking him.

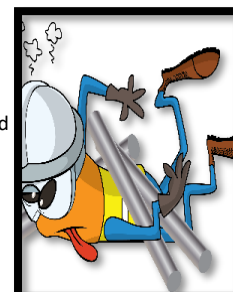
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String Parted

During laying down of liner running tool onto the catwalk using rig winch from top side and crane with sling from the lower part. A bend on the string was noticed, the string parted from the connection.

[View](#)



Dropped Test plate

While conducting the pull test, the CTU operator pulled 24,000lbs, when the pull test plate clamp disengaged and the test plate dropped to the rig floor with the connector.

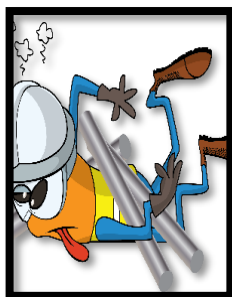
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Dropped Tong

Driller started to lower the string meanwhile FM was reaching out to lower the power tong simultaneously. Suddenly, the Hydraulic tong fell on slips guard. [View](#)



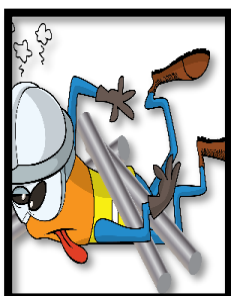
PTW Violation

PDO pipeline engineers noticed a newly installed 6" flow line crossing over Fahud-Nahda main oil line. [View](#)



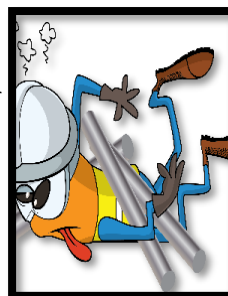
BOP Fell Down

crane operators started raising the block and chain slings, the slings caught on the upper ram bonnet locking screw which caused the BOP assembly to topple falling on the crane cabin. [View](#)



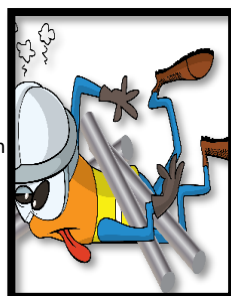
Drill Pipe Slipped

Roustabout was lifting the DP from the catwalk and floor crew heard a noise from air winch subsequently the Roustabout stopped the winching and applied the brake. [View](#)



Joint Released

When joint# 93 was picked up from mouse hole and hoisted 1 m above rotary table, the joint disconnected from elevator and dropped on the rig floor. [View](#)



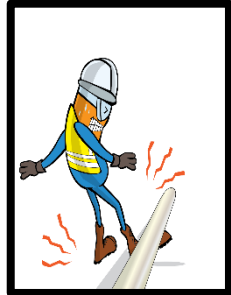
Improper Communication

While attempting to break with power tong, operator gave signal to FM to p/up tong. Driller thought signal was given to him & attempt to P/up csg joint ahead of time. [View](#)



Dropped Turnbuckle

FM was hammering the pin to disconnect from the rig carrier. When the pin came off the turnbuckle dislodged from the pad eye causing it to drop and landed on the FMs' left foot resulting swelling. [View](#)



Pressure Released

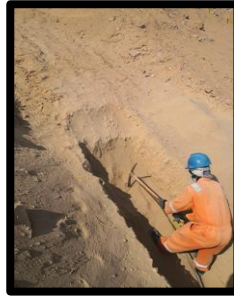
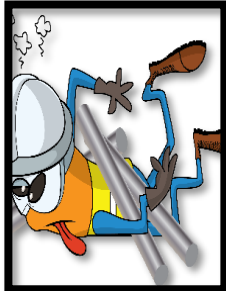
Unexpected trapped pressure from GUN #4, migrated to GUN #5 and there was an uncontrolled release through the open scallops in GUN #5. [View](#)





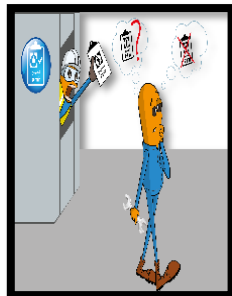
Dropped Circulating Head

Crew decided to wash down casing joint using circulating head. At the last one, circulating head disconnected causing swivel joint, circulating hose and circulating head to drop from top of casing joint to rig floor. [View](#)



LV Line Cut

A civil technician cut an exposed cable inside the trench assuming it to be a redundant one [View](#)



Trailer Detached

While a water tanker on the way to Shujairat- 02 from Sakhiya water well on graded road, it was negotiating left turn, the tanker trailer detached from the prime mover. [View](#)



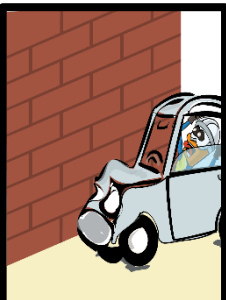
Released Energy

While the AD was lowering the TDS about 5m below the monkey board, he operated retract switch which resulted in the elevators and links hitting the horizontal beam in the mast. [View](#)



Rig Struck

While moving the rig, it got stuck two times because of the road conditions which had been affected by heavy rain in the area. [View](#)



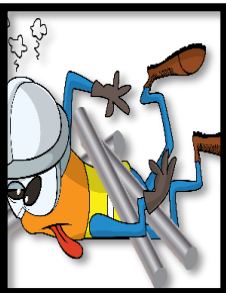
Wheel Fire

The rear right inner tire blow out and caught fire. Driver stopped the trailer and the escort vehicle immediately extinguished the fire using fire extinguishers. [View](#)



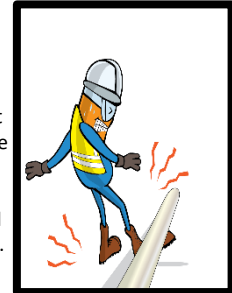
Chain Fell Down

While moving the overhead crane by using the hand chain to the parking position, the cross trolley pulley chain link broke and fell down. [View](#)



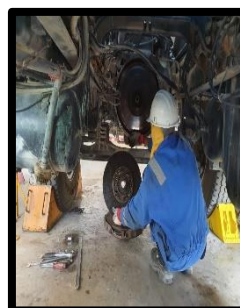
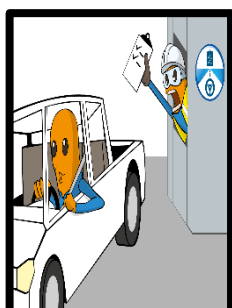
Twisted Ankle

Rigger decided to go for urinal without following the designated exit point and while walking, he stepped along the edge of the concrete floor of the shed and twisted his left ankle. [View](#)

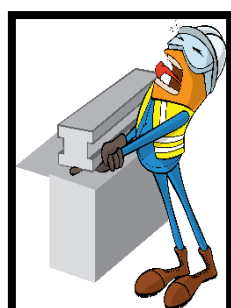




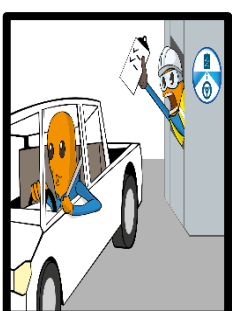
Lost Man
A diesel tanker driver got his tanker stuck while trying to stop outside the paved road between Harweel and Marmul during the recent heavy rains in the South. [View](#)



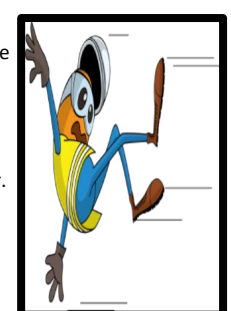
Clutch Disk Slipped
A mechanic was removing the clutch disc from a water tanker truck. While doing this activity, the clutch disc slipped and fell on his left hand middle finger tip causing a crush injury. [View](#)



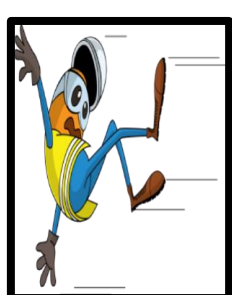
3 Vehicles Got Stucked
Three vehicles departed in convoy from rig-31 Raba to rig-43 in Wadi Musallam. Before reaching the rig site, one of the vacuum tanker driver took shortcut and got stuck in sand. [View](#)



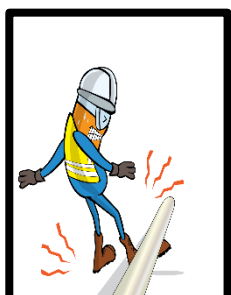
AD Slipped
Activity was to remove the pin between the mast cylinder and support cylinder. AD was using MEWP for accessing the cylinder. while attempting to hammer the pin, he slipped striking his rib cage on beam. [View](#)



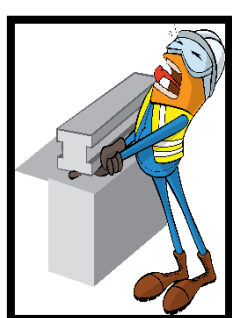
Fell Down
Mason tried accessing the bed of the truck by climbing over the closed side gates of the truck. On doing so he hit his head on a diagonal pole lost his balance and fell on the ground. [View](#)



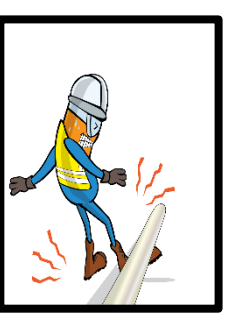
Shelter fell on a Tech
Scaffolding rest shelter toppled due to heavy wind. Scaffold standard of the rest shelter hit right leg of a technician who was walking adjacent to it. [View](#)



Finger Trapped
The Assistant Technician was trying to free the stuck hose reel lifter and in the process got his right hand index finger crushed between the hose reel lifter plate and the handrails of the HIAB truck. [View](#)



Trapped Leg
Technician was rolling the pipes in industrial doubling yard by using a crow bar. while rolling the pipe, the unsecured pipe from behind him slid and rested on his right leg. [View](#)

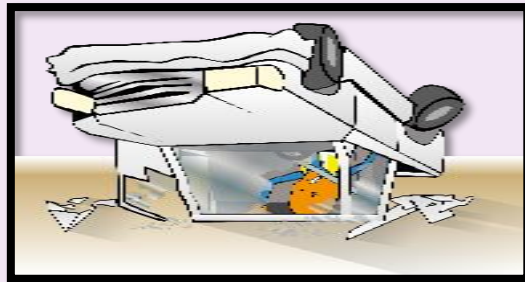




Rollover

The driver lost control of his 3ton Canter vehicle whilst travelling from Marmul to Qaharir Why?

[View](#)



Mr. Musleh's Learnings from Incidents

List of the incidents

- HiPo#01 Connection Snaps
- HiPo#02 Tow Line Snapped
- HiPo#03 Dropped Compressor
- HiPo#04 Camel Strike
- HiPo#05 Dropped Hoist Carrier
- HiPo#06 Released Energy
- HiPo#07 Cutting Wrong Flow Line
- HiPo#08 Rollover
- HiPo#09 Safety Clamp Drops
- HiPo#10 Tanker Hit Wireline
- HiPo#11 Sucker Rod Hit FM
- HiPo#12 Dropped Catwalk Skid
- HiPo#13 Excavation Near LV Flow line
- HiPo#14 Welding at LV Well Head
- HiPo#15 Hook Hit Roustabout Face
- HiPo#16 Dropped Drill Line
- HiPo#18 Dropped Landing Joint
- HiPo#20 DC Fell Down
- HiPo#22 Travelling Block Brake Fails
- HiPo#23 JCP Rolled Back
- HVL#01 Cable Cut By JCP
- HVL#02 STV Strike
- HVL#03 Tow Rope Parted
- HVL#04 Fire in A Villa
- HVL#06 Power Swivel Rotated
- LTI#01 Finger Got Caught
- LTI#02 Fatality
- LTI#03 Finger Got Caught
- LTI#05 Driving Over A hump
- HiPo#25 Car Accident
- HiPo#26 Tipper Tipped Over
- HiPo#26a Waste Fire
- HiPo#27 Wireline Cut
- HiPo#27a Dropped Travelling Block
- HiPo#28 Dropped Load
- HiPo#29 Dropped Slick Line Tool
- HiPo#30 String Parted
- HiPo#31 Fire At Vehicle
- HiPo#32 Tanker & Tipper Collision
- HiPo#33 Unsecured Travelling Block
- HiPo#34 Suspended Load
- HiPo#35 Dropped Test Plate
- HiPo#36 Dropped Tong
- HiPo#38 BOP Fell Down
- HiPo#39 Joint Released
- HiPo#40 Dropped Turnbuckle
- HiPo#43 Dropped Circulating Head
- HiPo#44 PTW Violation
- HiPo#46 Drill Pipe Slipped
- HiPo#47 Improper Communication
- HiPo#48 Pressure Released
- HiPo#49 LV Line Cut
- HVL#05 Trailer Detached
- HVL#07 Rig Struck
- HVL#08 Chain Fell Down
- HVL#09 Lost Man
- HVL#10 3 Vehicle Got Stuck
- HVL#11 Released Energy
- HVL#12 Wheel Fire
- LTI#06 Twisted Ankle
- LTI#07 Clutch Disk Slipped
- LTI#08 AD Slipped
- LTI#09 Fell Down
- LTI#10 Finger Trapped
- LTI#11 Shelter Fell Down on A technician
- LTI#12 Trapped Leg
- HiPo#45 Rollover

Please disseminate this bulletin to your teams and use it in your tool box talks, HSE meetings and notice boards.